

**CURRICULUM VITAE****Nancy E. McIntyre, Ph.D.**

Professor

Department of Biological Sciences  
Texas Tech University  
Lubbock, TX 79409-3131 USA  
Tel. (806) 834-7977  
Fax (806) 742-2963

Curator of Birds

Natural Science Research Laboratory  
The Museum of Texas Tech University  
Lubbock, TX 79409-3191 USA  
Tel. (806) 742-2486 ext. 262  
Fax (806) 742-0362

[nancy.mcintyre@ttu.edu](mailto:nancy.mcintyre@ttu.edu)Lab website: <http://myweb.ttu.edu/nmcintyr/index.html>Museum: [http://www.depts.ttu.edu/nsrl/directory/faculty\\_curators/bio/nancy-mcintyre.php](http://www.depts.ttu.edu/nsrl/directory/faculty_curators/bio/nancy-mcintyre.php)Google Scholar profile: <http://scholar.google.com/citations?user=RkTB68YAAAAJ>YouTube: <https://www.youtube.com/channel/UCrsGJOGxI-Lqv6tUmxNb26g>Instagram: [@landscape\\_nancy](#)**EDUCATION**

**Postdoctoral research**, Urban ecology, Central Arizona-Phoenix Long-Term Ecological Research project, Arizona State University, 1998-2000

Advisors: Drs. Nancy B. Grimm and Charles A. Redman

**Ph.D.**, Ecology, Colorado State University, 1998

Advisor: Dr. John A. Wiens

Dissertation title: Landscape heterogeneity at multiple scales: effects on movement patterns and habitat selection of eleodid beetles

**M.S.**, Zoology, University of Georgia, 1993

Advisor: Dr. Frank B. Golley

Thesis title: Effects of landscape patchiness on avian diversity of the Georgia Piedmont, 1993

**B.S. *Magna Cum Laude***, Zoology, University of Georgia, 1991

*Educational honors*

- 1998 NASA-Michigan State University Professional Enhancement Award in Landscape Ecology
- 1997 University-wide Graduate School Dissertation Fellowship, Colorado State University
- 1996 Colorado Graduate Fellowship, Colorado State University
- 1992 University-wide Graduate Assistantship, University of Georgia
- 1991 University of Georgia Department of Zoology Grace Thomas Award  
Phi Beta Kappa

**APPOINTMENTS**

- 2022 – **Director**, [TTU President's STEM Mentoring Academy](#), Lubbock, TX
- 2017 – 2020 **Associate Department Chairperson**, Department of Biological Sciences, Texas Tech University, Lubbock, TX
- 2018 – **Associate Director**, TTU STEM Center for Outreach, Research and Education (STEM CORE), Lubbock, TX
- 2017 – **Fellow**, TTU STEM CORE, Lubbock, TX
- 2014 – 2017 **Member**, South Central Climate Science Center Affiliate Researcher Program, Lubbock, TX
- 2014 – 2017 **Member**, TTU STEM CORE, Lubbock, TX
- 2013 – **Professor**, Department of Biological Sciences, TTU, Lubbock, TX
- 2006 – **Curator of Birds**, Natural Science Research Laboratory, The Museum of TTU, Lubbock, TX
- 2006 – 2013 **Associate Professor**, Department of Biological Sciences, TTU, Lubbock, TX
- 2011 **Virginia and John Holtry Visiting Scientist**, Geographic Information Science Center of Excellence, South Dakota State University, Brookings, SD
- 2005 – **Environmental Consultant**, Lubbock, TX
- 2000 – 2006 **Assistant Professor**, Department of Biological Sciences, TTU, Lubbock, TX
- 1998 – 2000 **Postdoctoral Research Associate**, Central Arizona-Phoenix Long-Term Ecological Research Project, Arizona State University, Tempe, AZ
- 1997 – 1998 **Graduate Writing Fellow**, Colorado State University, Fort Collins, CO
- 1993 – 1997 **Graduate Teaching Assistant**, Department of Biology, Colorado State University, Fort Collins, CO
- 1992 – 1993 **Graduate Research Fellow**, University of Georgia, Athens, GA
- 1992 **Graduate Research Assistant**, Savannah River Ecology Laboratory, Aiken, SC
- 1991 – 1992 **Graduate Teaching Assistant**, Department of Zoology, University of Georgia, Athens, GA
- 1990 – 1991 **Laboratory worker**, University of Georgia Institute of Ecology Horseshoe Bend Program, Athens, GA

1990            **Intern**, Museum of Natural History, University of Georgia, Athens, GA

### **TEACHING EXPERIENCE**

#### *Texas Tech University, 2000 -*

Community Ecology / Advanced Community Ecology  
Ecology of Arid and Semi-arid Lands  
General Ornithology / Advanced Ornithology  
Landscape Ecology / Advanced Landscape Ecology  
Metapopulation Biology  
Ornithological Curation Techniques  
Populations, Communities, and Ecosystems (Principles of Ecology)  
Statistical Analysis of Ecological Communities

#### *Texas Parks and Wildlife Department, 2006, 2008, 2010*

Master Naturalist Class – Ornithology

#### *Arizona State University, 1998 - 2000*

Introduction to Ecology  
Seminar in Entomology  
Urban Ecological Systems

#### *Colorado State University, 1993 - 1997*

Community and Ecosystem Ecology  
Principles of Animal Biology  
Biology of Organisms  
Cell Biology

#### *University of Georgia, 1991 - 1992*

Ecological Concepts  
Human Anatomy  
Medical Anatomy  
Ornithology

#### *Teaching recognition*

2013    President's Excellence in Teaching Award, Texas Tech University  
2012    Member, Teaching Academy, Texas Tech University  
1996    Graduate Degree Program in Ecology Teaching Fellowship, Colorado State University  
1995    Graduate Degree Program in Ecology Teaching Fellowship, Colorado State University  
1992    Graduate Teaching Assistant Merit Supplement, University of Georgia

**MENTORING**

27 undergraduate research students:

- Lisa Longhofer, Spring 2002
- Morgan Conn, Fall 2002
- Stacey Burnham, Spring 2003
- Dan Walker (West Texas A&M student), Summer 2004
- Kyle Hernandez (HHMI Research Fellow), May 2004-May 2005
- Emily Thiemann, Summer 2005
- Katie McLaughlin, Summer 2005
- Crystal Craig (HHMI Research Fellow), June 2006-September 2007
- Tiffany Simon, Fall 2007
- Kristin Dunning, Fall 2007
- Lauren McLellan (Honors College Undergraduate Research Fellow), Fall 2008-Spring 2009
- Niki Parikh (PRISM Scholar), Fall 2012-Spring 2013
- Luis Ruiz (PRISM Scholar), Fall 2012-Spring 2013
- Rebecca Owens (PRISM Scholar and Terry Scholar), Fall 2013-Spring 2014
- Benjamin Breedlove, Summer 2014
- Keegan Gossett (PRISM Scholar), Fall 2014-Spring 2015
- Shane Glidewell, Spring 2015
- Kimbree Knight, Spring 2015
- Jennifer Long, Spring 2015
- Caroline Claassen (PRISM Scholar), Fall 2015-Spring 2016
- Harley Pruett, Spring 2016
- Kerian Clanahan, Spring 2017
- Lucas Schilder, 2017-2018
- Zach Patton, Spring 2019
- Savannah Randall, Spring 2021 (NIH Plains Bridges to Baccalaureate Scholar)
- Courtney Miller, Summer 2021
- Justin Dawsey, Spring 2022

19 graduate students advised:

- Kelly Klinkerman Baker (M.S. 2011)
- Austin Bidy (M.S. 2022) - currently a Ph.D. student at the University of Alabama at Birmingham
- Sarah Candler (M.S. 2014), co-advised with Dr. Ximena Bernal
- Steven D. Collins (Ph.D. 2014) - currently employed with Johnson, Mirmiran & Thompson, Lake Mary, FL
- Erica D. Chipman (M.S. 2006)
- Justin Dawsey (M.S. in progress)
- Demi Gary (M.S. 2017), co-advised with Dr. Kerry Griffis-Kyle - currently an ORISE postdoctoral fellow with the EPA, Washington, D.C.
- Joseph Girgente (M.S. in progress)
- Donna E. Hamilton (Ph.D. 2008) - currently faculty at the University of North Texas at Dallas

- Lucas J. Heintzman (M.S. 2013, Ph.D. 2019) - currently a research ecologist with USDA-ARS, Oxford, MS
- Danielle Husband (M.S. 2022) - currently employed with the U.S. Fish & Wildlife Service
- Ashley Kempken (M.A. in progress, Heritage and Museum Sciences), co-advised with Dr. Stance Hurst
- Devin H. Kilborn (M.S. 2019) - currently employed with Transglobal Services, L.L.C.
- Jacy Lewis (M.S. 2003) - currently Program Manager of the Viticulture and Sustainable Fruit Applied Research Program, Texas A&M University AgriLife Extension Viticulture and Fruit Lab, Fredericksburg, TX
- Bryan A. Reece (Ph.D. 2009) - currently faculty at Eastfield College, Dallas, TX
- Scott M. Starr (Ph.D. 2018) - currently faculty (James E. Hansen Professorship in Environmental Science) at Hampden-Sydney College, Hampden-Sydney, VA
- Sean Sutor (Ph.D. in progress), co-advised with Dr. Kerry Griffis-Kyle
- Dorothy Tinkler (Ph.D. 2004) - currently faculty at Treasure Valley Community College, Ontario, OR
- Hannah Wojtysiak (M.S. in progress)

Member (2000-present): 46 dissertation committees, 42 thesis committees

1 postdoctoral research associate:

- Matt Gray (Jan.-May 2004) - currently Professor, Dept. of Forestry, Wildlife and Fisheries, Univ. Tennessee, Knoxville, TN

## **PROFESSIONAL SKILLS**

- Administration skills: associate department chairperson in charge of >100 graduate teaching assignments; budget and personnel management for multi-year research projects
- Biological consulting skills: conducting field surveys for rare, threatened, and endangered species; writing up reports; testifying in court
- Communication skills: written and oral via publications, presentations, radio/TV interviews
- Computer skills: word processing, data management and analysis, and graphics, including web design via the HTML programming language
- Curation skills: processing and long-term curation of bird, mammal, and invertebrate museum specimens and associated data; federal and state permittee for bird salvage
- Field skills: mark-recapture of arthropods, birds, and small mammals; radio-telemetry; bird ID by sight and sound; small mammal trapping; mist-netting of birds
- Grant-writing skills: federal, state, intramural, and industry sources
- Personnel skills: hiring and management of teaching assistants and paid and unpaid lab and field research assistants, including setting goals and evaluating performance
- Social medial skills: course websites, YouTube channel, and Instagram account
- Statistical/analytical skills: spatial analyses (using ArcGIS, QGIS, R), remote sensing (ENVI, Erdas Imagine, ArcGIS), statistical analyses (R, SAS), and species distribution modeling (MaxEnt, R)
- Teaching skills: formal lecture, discussion, laboratory, asynchronous and synchronous remote learning, and field experiences for university students, K-12 teachers, and the public

**PROFESSIONAL ACTIVITIES***Current society memberships*

American Institute of Biological Sciences  
Dragonfly Society of the Americas  
Ecological Society of America  
Entomological Society of America  
International Association for Landscape Ecology  
Sigma Xi  
Southwestern Association of Naturalists  
Worldwide Dragonfly Association

*Positions held in professional societies*

President, International Association for Landscape Ecology-North America, 2020-2022  
President-elect, International Association for Landscape Ecology-North America, 2019-2020  
Chair, Dragonfly Society of the Americas Grants Program, November 2017-present  
Member, Abstracts Committee, Dragonfly Society of the Americas, 2018-present  
Regular Member, Dragonfly Society of the Americas, 2017-2023  
Councilor-At-Large, U.S. Chapter - International Assn. Landscape Ecology (2003-2005)  
Chair, Nominating Cmte., U.S. Chapter - International Assn. Landscape Ecology (2004-2010)  
Member, Foreign Scholars Travel Award Cmte., U.S. Chapter - International Assn. Landscape Ecology (2007-present)

*Advisory boards*

Friends of the High Plains Refuges Complex, 2015-present

*Editorial boards*

Associate Editor, Urban Ecosystems (2004-2019); Coordinating Editor, Landscape Ecology (2007-2011, 2014-2019); Associate Editor, Journal of Urban Ecology (2015-2019); Handling Editor, BioScience (2017-2019); Advisory Board, Occasional Papers and Special Publications of The Museum of Texas Tech University (2021-present)

*Grant reviewer*

Department of Energy (National Institute for Climate Change Research), National Fish and Wildlife Foundation, Natural Sciences and Engineering Research Council of Canada, National Science Foundation, South Carolina Agriculture and Forestry Research, The Netherlands Organisation for Scientific Research

*Grant review panels*

National Science Foundation (2002, 2003, 2012, 2014)

*Book prospectus reviewer*

Cambridge University Press, Earthscan, Oxford University Press, Sinauer, Springer, University of California Press, University of Oklahoma Press, Wiley-Blackwell

*Journal reviewer*

American Midland Naturalist, American Naturalist, Animal Behaviour, Applied Vegetation Science, Austral Ecology, Bird Behavior, Biological Conservation, BioScience, Bulletin of American

Odonatology, Cities and the Environment, Conservation Biology, Conservation Ecology, Copeia, Ecography, Ecological Applications, Ecological Modelling, Ecology, Ecology and Evolution, Ecosystem Health and Sustainability, Ecosystems, Environmental Entomology, Freshwater Biology, Frontiers in Ecology and the Environment, Global Change Biology, Insect Conservation and Diversity, International Journal for Odonatology, Journal of Animal Ecology, Journal of Applied Ecology, Journal of Arid Environments, Journal of the Arizona-Nevada Academy of Sciences, Journal of Ecology, Journal of Field Ornithology, Journal of Insect Behavior, Journal of the Kansas Entomological Society, Journal of Mountain Science, Journal of Raptor Research, Journal of Vector Ecology, Journal of Wildlife Management, Landscape Ecology, Landscape and Urban Planning, Naturwissenschaften, Oikos, PLoS One, Proceedings of the Royal Society of London, Remote Sensing, Remote Sensing of Environment, Restoration Ecology, Revista Brasileira de Entomologia, Risk Analysis, Southwestern Naturalist, Studies in Avian Biology, Urban Ecosystems, Urban Habitats, Western North American Naturalist, Wetlands, Wildlife Society Bulletin, Wilson Journal of Ornithology

## PUBLICATIONS

Citations: 6358 (12 papers cited >100 times, 1 cited >1000 times)

h-index: 28

i10-index: 63

[2020 Top 2% of most-cited researchers in the world](#)

*Books: In print*

2011

J. Niemelä, J.H. Breuste, T. Elmqvist, G. Guntenspergen, P. James, and **N.E. McIntyre**, eds. 2011. *Urban Ecology: Patterns, Processes, and Applications*. Oxford University Press.

*Peer-reviewed journal articles: In print*

2023

de la Sancha, N.U., J.F. González-Maya, S.A. Boyle, P. Perez, J.N. Urbina Cardona, and **N.E. McIntyre**. 2023. Bioindicators of edge effects within Atlantic Forest remnants: conservation implications in a threatened biodiversity hotspot. *Diversity and Distributions* 29:349-363. <http://doi.org/10.1111/ddi.13663>. Q1

**Sutor, S.**, N.E. McIntyre, and K. Griffis-Kyle. 2023. Characterizing range-wide impacts of anthropogenic barriers on landscape connectivity for the Sonoran desert tortoise (*Gopherus morafkai*). *Landscape Ecology* 38:1729-1746. <https://doi.org/10.1007/s10980-023-01649-3>. Q1

2022

Biddy, A.R., and **N.E. McIntyre**. 2022. Parasitism of *Enallagma civile* Hagen in Selys, 1853 (Zygoptera: Coenagrionidae) by *Arrenurus* water mites. *International Journal of Odonatology* 25:89-95. <https://doi.org/10.48156/1388.2022.1917181>. Q3

Gary, D.M., K. Mougey, **N.E. McIntyre**, and K. Griffis-Kyle. 2022. Species as conservation umbrellas: a case study with lesser prairie-chicken (*Tympanuchus pallidicinctus*) in the southern Great Plains of North America. *Global Ecology and Conservation* e02256. <https://doi.org/10.1016/j.gecco.2022.e02256>. Q1

Schilder, L.J., L.J. Heintzman, **N.E. McIntyre**, S. Harryman, C.A. Hagen, R. Martin, C.W. Boal, and B.A. Grisham. 2022. Structural and functional landscape connectivity for lesser prairie-chickens in the Sand Shinnery Oak Prairie Ecoregion. *Journal of Wildlife Management* 86(1):e22146. <https://doi.org/10.1002/jwmg.22146>. Q1

### 2021

de la Sancha, N.U., S.A. Boyle, and **N.E. McIntyre**. 2021. Using graph theory on the highly fragmented Atlantic Forest of eastern Paraguay to identify structural connectivity. *Scientific Reports* 11:16129. <https://doi.org/10.1038/s41598-021-95516-3>. Q1

de la Sancha, N.U., S.A. Boyle, **N.E. McIntyre**, D.M. Brooks, A. Yanosky, E. Cuellar Soto, F. Mereles, M. Camino, and R.D. Stevens. 2021. The disappearing Dry Chaco, one of the last dry forest systems on Earth. *Landscape Ecology* 36:2997-3012. <https://doi.org/10.1007/s10980-021-01291-x>. Q1

Heintzman, L.J., and **N.E. McIntyre**. 2021. Assessment of playa wetland network connectivity for amphibians of the south-central Great Plains (USA) using Euclidean, least-cost path, and landscape resistance modelling. *Landscape Ecology* 36:1117-1135. <https://doi.org/10.1007/s10980-021-01199-6>. Q1

Husband, D.M., and **N.E. McIntyre**. 2021. Urban areas create refugia for odonates in a semi-arid region. *Insects* 12:431. <https://doi.org/10.3390/insects12050431>. Q1

### 2020

Heintzman, L.J., E.S. Auerbach, D.H. Kilborn, S.M. Starr, K.R. Mulligan, L.S. Barbato, and **N.E. McIntyre**. 2020. Identifying areas of wetland and wind turbine overlap in the south-central Great Plains of North America. *Landscape Ecology* 35:1995-2011. <https://doi.org/10.1007/s10980-020-01076-8>. Q1

Longing, S.D., E.M. Peterson, C.T. Jewett, B.M. Rendon, S.A. Discua, K.J. Wooten, S. Subbiah, P.N. Smith, and **N.E. McIntyre**. 2020. Exposure of foraging wild bees to neonicotinoids in the U.S. Southern High Plains. *Environmental Entomology* 49:528-535. <https://doi.org/10.1093/ee/nvaa003>. Q1

Starr, S.M., and **N.E. McIntyre**. 2020. Classifying land-use changes and effects on playa wetland inundation on the Southern High Plains using remote-sensing techniques. *Journal of Arid Environments* 175:104096. <https://doi.org/10.1016/j.aridenv.2019.104096>. Q2

Starr, S.M., and **N.E. McIntyre**. 2020. Effects of water temperature under projected climate change on the development and survival of the Familiar Bluet Damselfly (*Enallagma civile*). *Environmental Entomology* 49:230-237. <https://doi.org/10.1093/ee/nvz138>. Q1

- Featured in **Entomology Today**, 10 January 2020

### 2019

Auerbach, E.S., W.P. Johnson, J.R. Smith, and **N.E. McIntyre**. 2019. Wildlife refuges support high bee diversity on the Southern Great Plains. *Environmental Entomology* 49(4):968-976. <https://doi.org/10.1093/ee/nvz063>. Q1

Gary, D., K. Mougey, **N.E. McIntyre**, and K. Griffis-Kyle. 2019. Identification of hotspots of at-risk terrestrial vertebrate species in the south-central Great Plains of North America. *Journal for Nature Conservation* 50:125684. <https://doi.org/10.1016/j.jnc.2019.01.002>. Q2



Heintzman, L.J., and **N.E. McIntyre**. 2019. Quantifying the effects of projected urban growth on connectivity among wetlands in the Great Plains. *Landscape and Urban Planning* 186:1-12. <https://doi.org/10.1016/j.landurbplan.2019.02.007>. Q1

Johnston, C.A., and **N.E. McIntyre**. 2019. Effects of cropland encroachment on prairie pothole wetlands: Numbers, density, size, shape, and structural connectivity. *Landscape Ecology* 34:827-841. <https://doi.org/10.1007/s10980-019-00806-x>. Q1

**McIntyre, N.E.**, G. Liu, J. Gorzo, C.K. Wright, G.R. Guntenspergen, and F. Schwartz. 2019. Simulating the effects of climate variability on waterbodies and wetland-dependent birds in the Prairie Pothole Region. *Ecosphere* 10(4):e02711. <https://doi.org/10.1002/ecs2.2711>. Q1

2018

**McIntyre, N.E.**, S.D. Collins, L.J. Heintzman, S.M. Starr, and N. van Gestel. 2018. The challenge of assaying landscape connectivity in a changing world: A 27-year case study in the southern Great Plains (USA) playa network. *Ecological Indicators* 91:607-616. <https://doi.org/10.1016/j.ecolind.201804.051>. Q1

2017

Collins, S.D., J.C. Abbott, and **N.E. McIntyre**. Quantifying the degree of bias from using county-scale data in species distribution modeling: Can increasing sample size or using county-averaged environmental data reduce distributional overprediction? *Ecology and Evolution* 7(15):6012-6022. <https://doi.org/10.1002/ece3.3115>. Q1

Collins, S.D., and **N.E. McIntyre**. 2017. Extreme loss of diversity of riverine dragonflies in the northeastern U.S. is predicted in the face of climate change. *Bulletin of American Odonatology* 12(2):7-19.

Drake, J., K. Griffis-Kyle, **N. McIntyre**. Graph theory as an invasive species management tool: Case study in the Sonoran Desert. *Landscape Ecology* 32(8):1739-1752. <https://doi.org/10.1007/s10980-017-0539-2>. Q1

Drake, J.C., K. Griffis-Kyle, and **N.E. McIntyre**. 2017. Using nested connectivity models to resolve management conflicts of isolated water networks in the Sonoran Desert. *Ecosphere* 8(1):e01652. <https://doi.org/10.1002/ecs2.1652>. Q1

Heintzman, L.J., S.M. Starr, K.R. Mulligan, L.S. Barbato, and **N.E. McIntyre**. 2017. Using satellite imagery to examine the relationship between surface-water dynamics of the salt lakes of western Texas and Ogallala Aquifer depletion. *Wetlands* 37(6):1055-1065. <https://doi.org/10.1007/s13157-017-0940-2>. Q2

2016

Liu, G., F.W. Schwartz, C.K. Wright, and **N.E. McIntyre**. 2016. Characterizing the climate-driven collapses and expansions of wetland habitats with a fully integrated surface-subsurface hydrologic model. *Wetlands* 36(Suppl 2):287. <https://doi.org/10.1007/s13157-016-0817-9>. Q2

**McIntyre, N.E.**, J.C. Drake, and K.L. Griffis-Kyle. 2016. A connectivity and wildlife management conflict in isolated desert waters. *Journal of Wildlife Management* 80:655-666. <https://doi.org/10.1002/jwmg.1059>. Q1

Ray, J.D., **N.E. McIntyre**, M.C. Wallace, A.P. Teaschner, and M.G. Schoenhals. 2016. Factors influencing Burrowing Owl productivity in prairie dog colonies in the Southern High Plains of Texas. *Journal of Raptor Research* 50:185-193. <https://doi.org/10.3356/rapt-50-02-185-193.1>. Q2

Starr, S.M., L.J. Heintzman, K.R. Mulligan, L.S. Barbato, and **N.E. McIntyre**. 2016. Using remotely sensed imagery to document how land use drives turbidity of playa waters in Texas. *Remote Sensing* 8:192. <https://doi.org/10.3390/rs8030192>. Q1

### 2015

Bried, J.T., **N.E. McIntyre**, A.R. Dzialowski, and C.A. Davis. 2015. Resident-immigrant dichotomy matters in classifying wetland site groups and metacommunities. *Freshwater Biology* 60:2248-2260. <https://doi.org/10.1111/fwb.12651>. Q1

Collins, S.D., and **N.E. McIntyre**. 2015. Modeling the distribution of Odonata: a review. *Freshwater Science* 34:1144-1158. <https://doi.org/10.1086/682688>. Q2

Heintzman, L.J., T.A. Anderson, D.L. Carr, and **N.E. McIntyre**. 2015. Local and landscape influences on PAH contamination in urban stormwater. *Landscape and Urban Planning* 142:29-37. <https://doi.org/10.1016/j.landurbplan.2015.05.009>. Q1

### 2014

Collins, S.D., L.J. Heintzman, S.M. Starr, C.K. Wright, G.M. Henebry, and **N.E. McIntyre**. 2014. Hydrological dynamics of temporary wetlands in the southern Great Plains as a function of surrounding land use. *Journal of Arid Environments* 109:6-14. <https://doi.org/10.1016/j.jaridenv.2014.05.006>. Q2

**McIntyre, N.E.**, C.K. Wright, S. Swain, K. Hayhoe, G. Liu, F.W. Schwartz, and G.M. Henebry. 2014. Climate forcing of wetland landscape connectivity in the Great Plains. *Frontiers in Ecology and the Environment* 12:59-64. <https://doi.org/10.1890/120369>. Q1

Rüegg, J., C. Gries, P.A. Soranno, B. Bond-Lamberty, G.J. Bowen, B.S. Felzer, **N.E. McIntyre**, K.L. Vanderbilt, and K.C. Weathers. 2014. Closing the data life cycle: using information management in macrosystems ecology research. *Frontiers in Ecology and the Environment* 12:24-30. <https://doi.org/10.1890/120375>. Q1

Ruiz, L.J., N.N. Parikh, L.J. Heintzman, S.D. Collins, S.M. Starr, C.K. Wright, G.M. Henebry, N. van Gestel, and **N.E. McIntyre**. 2014. Dynamic connectivity of temporary wetlands in the southern Great Plains. *Landscape Ecology* 29:507-516. <https://doi.org/10.1007/s10980-013-9980-z>. Q1

### 2013

Baker, K.S., and **N.E. McIntyre**. 2013. Associations between adult female body size and fitness in a model odonate (Coenagrionidae, *Enallagma civile*). *Southwestern Naturalist* 58:91-96. <https://doi.org/10.2307/23362676>. Q4

Holsomback, T.S., C.J. van Nice, R.N. Clark, **N.E. McIntyre**, A.A. Abuzeineh, and J.A. Salazar-Bravo. 2013. Socio-ecology of the marsh rice rat (*Oryzomys palustris*) and the spatio-temporal distribution of Bayou virus in coastal Texas. *Geospatial Health* 7:289-298. <https://doi.org/10.4081/gh.2013.87>. Q2

**McIntyre, N.E.**, and R.E. Strauss. 2013. A new, multi-scaled graph visualization approach: an example within the playa wetland network of the Great Plains. *Landscape Ecology* 28:769-782. <https://doi.org/10.1007/s10980-013-9862-4>. Q1

### 2012

Hamilton, D.E., **N.E. McIntyre**, and L.D. Densmore. 2012. Using implanted passive integrated transponders to monitor long-term burrow fidelity in a theraphosid spider, *Aphonopelma hollyi*. *Southwestern Naturalist* 57:144-147. <https://doi.org/10.1894/0038-4909-57.2.144>. Q4

## 2011

Abuzeineh, A.A., **N.E. McIntyre**, R.D. Owen, C.W. Dick, and T.S. Holsomback. 2011. Extreme population fluctuation in the Northern Pygmy Mouse (*Baiomys taylori*) in southeastern Texas. *Therya* 2:37-45. <https://doi.org/10.12933/therya-11-29>. Q2

## 2009

Bell, C.W., V.A. Martinez, **N.E. McIntyre**, S. Cox, D. Tissue, and J. Zak. 2009. Linking microbial community structure and function to seasonal differences in soil moisture and temperature in a Chihuahuan Desert grassland. *Microbial Ecology* 58:827-842.

<https://doi.org/10.1007/s00248-009-9529-5>. Q1

Brunjes, K.J., W.B. Ballard, M.H. Humphrey, F. Harwell, **N.E. McIntyre**, P.R. Krausman, and M.C. Wallace. 2009. Home ranges of sympatric mule deer and white-tailed deer in Texas. *Southwestern Naturalist* 54:253-260. <https://doi.org/10.1894/MD-06.1>. Q4

Brunjes, K.J., W.B. Ballard, M.H. Humphrey, F. Harwell, **N.E. McIntyre**, P.R. Krausman, and M.C. Wallace. 2009. Home-range size and overlap of sympatric male mule and white-tailed deer in Texas. *Western North American Naturalist* 69:125-130.

<https://doi.org/10.3398/064.069.0105>. Q3

Holsomback, T.S., **N.E. McIntyre**, R.A. Nisbett, R.E. Strauss, Y.-K. Chu, A.A. Abuzeineh, N. de la Sancha, C.W. Dick, C.B. Jonsson, and B.E.L. Morris. 2009. Bayou virus detected in non-Oryzomyine rodent hosts: an assessment of habitat composition, reservoir community structure, and marsh rice rat social dynamics. *Journal of Vector Ecology* 34:9-21.

<https://doi.org/10.1111/j.1948-7134.2009.00003.x>. Q2

**McIntyre, N.E.**, R.A. Nisbett, A. Abuzeineh, T. Holsomback, Y.-K. Chu, J.A. Carmichael, N. de la Sancha, C.W. Dick, C.B. Jonsson, and R.D. Owen. 2009. Ecological correlates of serological status for Bayou virus in *Oryzomys palustris* (Rodentia: Sigmodontinae). *Mastozoología Neotropical* 16:83-93. Q2

Reece, B.A., and **N.E. McIntyre**. 2009. Community assemblage patterns of odonates inhabiting a wetland complex influenced by anthropogenic disturbance. *Insect Conservation and Diversity* 2:73-80. <https://doi.org/10.1111/j.1752-4598.2008.00044.x>. Q1

Reece, B.A., and **N.E. McIntyre**. 2009. New county records of Odonata of the playas of the Southern High Plains, Texas. *Southwestern Naturalist* 54:96-99. Q4

Rice, M.B., W.B. Ballard, E.B. Fish, **N.E. McIntyre**, and D. Holdermann. 2009. Habitat-distribution modeling of a recolonizing black bear, *Ursus americanus*, population in the Trans-Pecos region of Texas. *Canadian Field-Naturalist* 123:246-254.

<https://doi.org/10.22621/cfn.v123i3.972>. Q4

Rice, M.B., W.B. Ballard, E.B. Fish, **N.E. McIntyre**, and D. Holdermann. 2009. Habitat-distribution modeling of a recolonizing black bear, *Ursus americanus*, population in the Trans-Pecos region of Texas. *Canadian Field-Naturalist* 123:246-254.

## 2008

Bell, C., **N. McIntyre**, S. Cox, D. Tissue, and J. Zak. 2008. Soil microbial responses to temporal variations of moisture and temperature in a Chihuahuan Desert grassland. *Microbial Ecology* 56:153-167. <https://doi.org/10.1007/s00248-007-9333-z>. Q1

Chipman, E.D., **N.E. McIntyre**, R.E. Strauss, M.C. Wallace, J.D. Ray, and C.W. Boal. 2008. Effects of human land use on Western Burrowing Owl foraging and activity budgets. *Journal of Raptor Research* 42:87-98. <https://doi.org/10.3356/JRR-07-20.1>. Q2

Craig, C.N., B.A. Reece, and **N.E. McIntyre**. 2008. Nestedness in playa odonates as a function of Area and surrounding land-use. *Wetlands* 28:995-1003.

<https://doi.org/10.1672/07-214.1>. Q2

Reece, B.A., and **N.E. McIntyre**. 2008. Dragonfly (Odonata: Anisoptera) holdings of The Museum of Texas Tech University. Occasional Papers of the Museum of Texas Tech University 279. 13 pp.

Rice, M.B., W.B. Ballard, E.B. Fish, **N.E. McIntyre**, and D. Holdermann. 2008. The importance of accurate landuse/landcover maps for assessing habitat suitability for black bear (*Ursus americanus*) in the Trans-Pecos region of Texas. Wildlife Biology in Practice 4:48-56. <https://doi.org/10.2461/wbp.2008.4.8>.

Riffell, S., **N. McIntyre**, and R. Hayes. 2008. Agricultural set-aside programs and grassland birds: insights from broad-scale population trends. Landscape Online 8:1-20. <https://doi.org/10.3097/LO.200808>. Q2

#### 2007

Abuzeineh, A.A., R.D. Owen, **N.E. McIntyre**, C.W. Dick, R. Strauss, and T. Holsomback. 2007. Response of the marsh rice rat (*Oryzomys palustris*) to inundation of habitat. Southwestern Naturalist 52:75-78.

[https://doi.org/10.1894/0038-4909\(2007\)52\[75:ROMRRO\]2.0.CO;2](https://doi.org/10.1894/0038-4909(2007)52[75:ROMRRO]2.0.CO;2). Q4

Carmichael, J.A., R.E. Strauss, and **N.E. McIntyre**. 2007. Seasonal variation of North American form of *Gigantolaelaps mattogrossensis* (Acari: Laelapidae) on marsh rice rat in southern coastal Texas. Journal of Medical Entomology 44:80-84.

[https://doi.org/10.1603/0022-2585\(2007\)44\[80:svonaf\]2.0.co;2](https://doi.org/10.1603/0022-2585(2007)44[80:svonaf]2.0.co;2). Q1

Chipman, E.D., **N.E. McIntyre**, J.D. Ray, M.C. Wallace, and C.W. Boal. 2007. Effects of radio-transmitter necklaces on behaviors of adult male western burrowing owls. Journal of Wildlife Management 71:1662-1668. <https://doi.org/10.2193/2006-335>. Q1

#### 2006

Brunjes, K.J., W.B. Ballard, M.H. Humphrey, F. Harwell, **N.E. McIntyre**, P.R. Krausman, and M.C. Wallace. 2006. Habitat selection by sympatric mule and white-tailed deer in Texas. Journal of Wildlife Management 70:1351-1359. [https://doi.org/10.2193/0022-541X\(2006\)70\[1351:HUBSMA\]2.0.CO;2](https://doi.org/10.2193/0022-541X(2006)70[1351:HUBSMA]2.0.CO;2). Q1

Hernandez, K.M., B.A. Reece, and **N.E. McIntyre**. 2006. Effects of anthropogenic land use on Odonata in playas of the Southern High Plains. Western North American Naturalist 66:273-278. [https://doi.org/10.3398/1527-0904\(2006\)66\[273:EOALUO\]2.0.CO;2](https://doi.org/10.3398/1527-0904(2006)66[273:EOALUO]2.0.CO;2). Q3

Shochat, E., P.S. Warren, S.H. Faeth, **N.E. McIntyre**, and D. Hope. 2006. Urban mechanistic ecology: from patterns to emerging processes. Trends in Ecology and Evolution 21:186-191. <https://doi.org/10.1016/j.tree.2005.11.019>. Q1

#### 2005

**McIntyre, N.E.**, Y.-K. Chu, R.D. Owen, R.A. Nisbett, A. Abuzeineh, N. de la Sancha, C.W. Dick, T. Holsomback, and C. Jonsson. 2005. A longitudinal study of Bayou virus, hosts, and habitat. American Journal of Tropical Medicine and Hygiene 73:1043-1049.

<https://doi.org/10.4269/ajtmh.2005.73.1043>. Q1

#### 2004

**McIntyre, N.E.** 2004. Historic and current status of breeding and wintering Western Burrowing Owls (*Athene cunicularia hypugaea*) in Texas. Journal of Raptor Research 38:91-95. Q2

**McIntyre, N.E.**, and P. Porter. 2004. Field trial of diatomaceous earth in cotton gin trash against the larger black flour beetle, *Cynaesus angustus* (Coleoptera: Tenebrionidae). Journal

of Economic Entomology 97:588-592. <https://doi.org/10.1093/jee/97.2.588>. Q1

2003

**McIntyre, N.E.** 2003. Effects of Conservation Reserve Program seeding regime on harvester ants (*Pogonomyrmex*), with implications for the threatened Texas Horned Lizard (*Phrynosoma cornutum*). *Southwestern Naturalist* 48:274-277. [https://doi.org/10.1894/0038-4909\(2003\)048%3C0274:EOCRPS%3E2.0.CO;2](https://doi.org/10.1894/0038-4909(2003)048%3C0274:EOCRPS%3E2.0.CO;2). Q4

**McIntyre, N.E.**, and T.R. Thompson. 2003. Abundance of grassland birds' arthropod prey on different CRP plantings. *American Midland Naturalist* 150:291-301. Q3

2002

Baker, L.A., A.J. Brazel, N. Selovar, C. Martin, **N. McIntyre**, F.R. Steiner, A. Nelson, and L. Musacchio. 2002. Urbanization and warming of Phoenix (Arizona, USA): impacts, feedbacks and mitigation. *Urban Ecosystems* 6:183-203. <https://doi.org/10.1023/A:1026101528700>. Q1

2001

**McIntyre, N.E.**, and M.E. Hostetler. 2001. Effects of urban land use on pollinator (Hymenoptera: Apoidea) communities in a desert metropolis. *Basic and Applied Ecology* 3:209-218. <https://doi.org/10.1078/1439-1791-00051>. Q1

**McIntyre, N.E.**, J. Rango, W.F. Fagan, and S.H. Faeth. 2001. Ground arthropod community structure in a heterogeneous urban environment. *Landscape and Urban Planning* 52:257-274. [https://doi.org/10.1016/S0169-2046\(00\)00122-5](https://doi.org/10.1016/S0169-2046(00)00122-5). Q1

2000

**McIntyre, N.E.** 2000. Community structure of *Eleodes* beetles (Coleoptera: Tenebrionidae) in the shortgrass steppe: Scale-dependent uses of heterogeneity. *Western North American Naturalist* 60:1-15. Q3

**McIntyre, N.E.** 2000. The ecology of urban arthropods: A review and a call to action. *Annals of the Entomological Society of America* 93:825-835. [https://doi.org/10.1603/0013-8746\(2000\)093\[0825:EOUAAR\]2.0.CO;2](https://doi.org/10.1603/0013-8746(2000)093[0825:EOUAAR]2.0.CO;2). Q2

**McIntyre, N.E.**, K. Knowles-Yáñez, and D. Hope. 2000. Urban ecology as an interdisciplinary field: differences in the use of "urban" between the social and natural sciences. *Urban Ecosystems* 4:5-24. <https://doi.org/10.1023/A:1009540018553>. Q1

- A "**top 10 downloaded articles**" for Urban Ecosystems.
- Included in *Urban Ecology: An International Perspective on the Interaction Between Humans and Nature* (J.M. Marzluff, E. Shulenberger, W. Endlicher, M. Alberti, G. Bradley, C. Ryan, U. Simon, and C. ZumBrunnen, eds.), pp. 49-65. Springer, New York, NY, 2008. [A compilation of the "**classic**" papers from the field of urban ecology.]
- Included in *Urban Ecology: Critical Concepts in Geography* (I. Douglas, ed.). Routledge Publishing, 2015. [A compilation of the "**classic**" papers from urban ecology and urban geography.]

**McIntyre, N.E.**, and J.A. Wiens. 2000. A novel use of the lacunarity index to discern landscape function. *Landscape Ecology* 15:313-321. <https://doi.org/10.1023/A:1008148514268>. Q1

1999

**McIntyre, N.E.** 1999. Influences of urban land use on the frequency of scorpion stings in the Phoenix, Arizona, metropolitan area. *Landscape and Urban Planning* 45:47-55.  
[https://doi.org/10.1016/S0169-2046\(99\)00021-3](https://doi.org/10.1016/S0169-2046(99)00021-3). Q1

**McIntyre, N.E.** 1999. Use of *Pogonomyrmex occidentalis* (Hymenoptera: Formicidae) nest-sites by tenebrionid beetles (Coleoptera: Tenebrionidae) for oviposition and thermoregulation in a temperate grassland. *Southwestern Naturalist* 44:379-382.  
<https://doi.org/10.2307/30055235>. Q4

**McIntyre, N.E.,** and J.A. Wiens. 1999. How does habitat patch size affect animal movement?: An experiment with darkling beetles. *Ecology* 80:2261-2270.  
[https://doi.org/10.1890/0012-9658\(1999\)080\[2261:HDHPSA\]2.0.CO;2](https://doi.org/10.1890/0012-9658(1999)080[2261:HDHPSA]2.0.CO;2). Q1

**McIntyre, N.E.,** and J.A. Wiens. 1999. Interactions between habitat abundance and configuration: An experimental test of some predictions from percolation theory. *Oikos* 86:129-137. Q1

- Cited in *Essentials of Landscape Ecology* (K.A. With). Oxford University Press, 2019. [A textbook of landscape ecology.]

**McIntyre, N.E.,** and J.A. Wiens. 1999. Interactions between landscape structure and animal behavior: The roles of heterogeneously distributed resources and food deprivation on movement patterns. *Landscape Ecology* 14:437-447.  
<https://doi.org/10.1023/A:1008074407036>. Q1

- Cited in *Essentials of Landscape Ecology* (K.A. With). Oxford University Press, 2019. [A textbook of landscape ecology.]

1998

**McIntyre, N.E.** 1998. Abundance and habitat affinities of *Cyclotrachelus substriatus* (Coleoptera: Carabidae) on northern shortgrass prairie. *Prairie Naturalist* 30:157-168.

**McIntyre, N.E.** 1998. Pitfall trapping of male darkling beetles not induced by females. *Prairie Naturalist* 30:101-110.

1997

**McIntyre, N.E.** 1997. Scale-dependent habitat selection by the darkling beetle *Eleodes hispilabris* (Coleoptera: Tenebrionidae). *American Midland Naturalist* 138:230-235.  
<https://doi.org/10.2307/2426671>. Q3

**McIntyre, N.E.,** and T.T. Vaughn. 1997. Effects of food deprivation and olfactory and visual cues on movement patterns of two *Eleodes* species (Coleoptera: Tenebrionidae) in a wind tunnel. *Annals of the Entomological Society of America* 90:260-265.  
<https://doi.org/10.1093/aesa/90.2.260>. Q2

Weeks, R.D., and N.E. **McIntyre.** 1997. A comparison of live and kill pitfall trapping techniques using a variety of killing agents. *Entomologia Experimentalis et Applicata* 82:267-273. <https://doi.org/10.1046/j.1570-7458.1997.00140.x>. Q1

1995

**McIntyre, N.E.** 1995. Effects of forest patch size on avian diversity. *Landscape Ecology* 10:85-99. <https://doi.org/10.1007/BF00153826>. Q1

**McIntyre, N.E.** 1995. Methamidophos application effects on *Pasimachus elongatus* (Coleoptera: Carabidae): An update. *Environmental Entomology* 24:559-563.  
<https://doi.org/10.1093/ee/24.3.55>. Q1

Reed, E.B., and **N.E. McIntyre**. 1995. *Cyclops strenuus* (Fischer, 1851) *sensu lato* in Alaska and Canada, with new records of occurrence. *Canadian Journal of Zoology* 73:1699-1711. <https://doi.org/10.1139/z95-202>. Q1

*Peer-reviewed journal articles: In press*

Subedi, M., C. Portillo-Quintero, S.S. Kahl, **N.E. McIntyre**, R.D. Cox, and G. Perry. Leveraging NAIP imagery for accurate large-area land use/land cover mapping: A case study in central Texas. *Photogrammetric Engineering & Remote Sensing*.

*Peer-reviewed journal articles: In review*

Biddy, A.R., and **N.E. McIntyre**. Perspective: Integrating species distribution models and landscape genomics. *Diversity and Distributions*.

*Peer-reviewed conference proceedings: In print*

Brunjes, J.B., W.B. Ballard, M.C. Wallace, R.S. Phillips, D.H. Holdstock, B.L. Spears, M.S. Miller, S.J. Demaso, R. Applegate, **N.E. McIntyre**, and P.S. Gipson. 2007. Patterns of capture mortality in Rio Grande wild turkeys. *Proceedings of the National Wild Turkey Symposium* 9:75-81.

Phillips, R.S., W.B. Ballard, M.C. Wallace, J.H. Brunjes, E.B. Fish, **N.E. McIntyre**, and S.J. DeMaso. 2011. Rio Grande wild turkey habitat associations during dispersal. *Proceedings of the National Wild Turkey Symposium* 10:213-225.

*Book chapters: In print*

**McIntyre, N.E.** 2014. Wildlife responses to urbanization: Patterns of diversity and community structure in built environments. In: *Urban Wildlife Science: Theory and Practice* (R.A. McCleery, C. Moorman, and N. Peterson, eds.). Springer, New York, NY.

**McIntyre, N.E.** 2011. Introduction to Section 3 – Ecology in cities: processes affecting urban biodiversity. In: *Urban Ecology: Patterns, Processes, and Applications* (J. Niemelä, J.H. Breuste, T. Elmqvist, G. Guntenspergen, P. James, and **N.E. McIntyre**, eds.), Oxford University Press.

**McIntyre, N.E.** 2011. Summary of Section 3 – Ecology in cities: processes affecting urban biodiversity. In: *Urban Ecology: Patterns, Processes, and Applications* (J. Niemelä, J.H. Breuste, T. Elmqvist, G. Guntenspergen, P. James, and **N.E. McIntyre**, eds.), Oxford University Press.

**McIntyre, N.E.** 2011. Urban ecology: definitions and goals. In: *The Routledge Handbook on Urban Ecology* (I. Douglas, D. Goode, M. Houck, and R. Wang, eds.). Routledge Press.

**McIntyre, N.E.** 2020. Urban areas and urban ecology. In: *The Routledge Handbook on Urban Ecology*, 2<sup>nd</sup> edition (I. Douglas, D. Goode, M. Houck, and R. Wang, eds.), Routledge Press.

**McIntyre, N.E.**, and J.J. Rango. 2009. Arthropods in urban ecosystems: community patterns as functions of anthropogenic land use. Pp. 233-242 in: *Ecology of Cities and Towns: A Comparative Approach* (M.J. McDonnell, A.K. Hahs, and J.H. Breuste, eds.). Cambridge University Press, New York, NY.

Niemelä, J., J. Breuste, T. Elmqvist, G. Guntenspergen, P. James, and **N. McIntyre**. 2011. Urban ecology: From science to applications. In: *Urban Ecology: Patterns, Processes, and*

- Applications* (J. Niemelä, J.H. Breuste, T. Elmqvist, G. Guntenspergen, P. James, and **N.E. McIntyre** eds.), Oxford University Press.
- Niemelä, J., J. Breuste, T. Elmqvist, G. Guntenspergen, P. James, and **N. McIntyre**. 2011. Concluding remarks: the way forward for urban ecology. In: *Urban Ecology: Patterns, Processes, and Applications* (J. Niemelä, J.H. Breuste, T. Elmqvist, G. Guntenspergen, P. James, and **N.E. McIntyre** eds.), Oxford University Press.
- Wiens, J.A., and **N.E. McIntyre**. 2008. Birds of the shortgrass steppe. Ch. 9 in: *Ecology of the Shortgrass Steppe: A Long-Term Perspective* (W.K. Lauenroth and I.C. Burke, eds.). Oxford University Press, New York, NY.

#### *Book reviews*

- McIntyre, N.E.** 2001. Ecology and Conservation of Grassland Birds of the Western Hemisphere (P.D. Vickery and J.R. Herkert, eds.). *Journal of Wildlife Management* 65:166-167.
- McIntyre, N.E.** 2002. Landscape ecology explained: Landscape Ecology in Theory and Practice: Pattern and Process (M.G. Turner, R.H. Gardner, and R.V. O'Neill). *Ecology* 83:301.
- McIntyre, N.E.** 2002. Landscape ecology: a how-to guide: Learning Landscape Ecology: A Practical Guide to Concepts and Techniques (S.E. Gergel and M.G. Turner, eds.). *Ecology* 83:2062.

#### *Datasets*

- Childers, D., N. Grimm, D. Hope, J. Kaye, C. Martin, **N. McIntyre**, and J. Stutz. 2022. Ecological survey of Central Arizona: A survey of key ecological indicators in the greater Phoenix metropolitan area and surrounding Sonoran desert, ongoing since 1999 ver 4. Environmental Data Initiative. <https://doi.org/10.6073/pasta/09c93355118ae5744296bf7371c86c0b>.
- ver 3, ecom DP Design Pattern format (2021):  
<https://doi.org/10.6073/pasta/067dd631ea5d2f0fbb9c8fc24bb6c9e>
  - ver 1, Darwin Core Archive format (2021):  
<https://doi.org/10.6073/pasta/049f65fb2a653e0bf9430dbf5ae0b8e3>
- McIntyre, N.E.** 2022. watermites. <https://github.com/enallagma/watermites>.
- McIntyre, N.E.** 2020. M\_BL\_bees. [https://github.com/enallagma/M\\_BL\\_bees](https://github.com/enallagma/M_BL_bees).
- McIntyre, N.E.** 2019. wind\_turbines\_and\_playas. [https://github.com/enallagma/wind\\_turbines\\_and\\_playas](https://github.com/enallagma/wind_turbines_and_playas).
- McIntyre, N.E.** 2018. Survey 200 long term study of multiple sites in Central Arizona-Phoenix: arthropod sweepnet samples ver 8. Environmental Data Initiative. <https://doi.org/10.6073/pasta/3f0f06f84a489b2c237989378b9b7dc9>.
- McIntyre, N.E.** 2018. PCHM\_PPR\_birds. [https://github.com/enallagma/PCHM\\_PPR\\_birds](https://github.com/enallagma/PCHM_PPR_birds).
- McIntyre, N.E.** 2013. Scorpion stings in urban environments in the Central Arizona-Phoenix area: 1996-1997 ver 9. Environmental Data Initiative. <https://doi.org/10.6073/pasta/2c9be6c639c4e7b40f04ff5cf734ceac>.
- McIntyre, N.E.** 2013. Scorpions in urban environments in the Central Arizona-Phoenix area: site locations ver 9. Environmental Data Initiative. <https://doi.org/10.6073/pasta/049aac50b7cadd0def8a0c9bb38a9fd3>.



- McIntyre, N.E.** 2013. Effects of urban horticulture on insect pollinator community structure in the Central Arizona-Phoenix area ver 9. Environmental Data Initiative. <https://doi.org/10.6073/pasta/1abfed2c6e1d2a0496ed231bc3a9b207>.
- McIntyre, N.E.** 2013. Effects of urban horticulture on insect pollinator community structure, Central Arizona Phoenix: site locations ver 8. Environmental Data Initiative. <https://doi.org/10.6073/pasta/d2413ed0a6851c8f00898999ea29f468>.

*Non-refereed articles, editorials, and gray literature*

- Biddy, A.R., D.M. Husband, and **N.E. McIntyre**. 2020. Duration and media documentation of submerged oviposition by *Hetaerina vulnerata* (Canyon Rubyspot) in Arizona. *Argia* 32(4):9-10.
- Collins, S., B. Reece, and **N. McIntyre**. 2010. *Lestes* on the Playas of the Southern High Plains of Texas. *Argia* 22(2):4-7.
- Drake, J.C., K. Griffis-Kyle, and **N. McIntyre**. 2016. Landscape connectivity of isolated waters for wildlife in the Sonoran Desert. Report submitted to the Desert Landscape Conservation Cooperative and the Bureau of Reclamation.
- Holmes, E.E., W.F. Fagan, J.J. Rango, A. Folarin, J.A. Sorensen, J.E. Lippe, and **N.E. McIntyre**. 2005. Cross-validation of quasi-extinction risks from real time series: an examination of diffusion approximation methods. U.S. Dept. Commerce, NOAA Technical Memo NMFS-NWFSC-67.
- McIntyre, N.**, and J. Wu. 2022. In memoriam: Gary W. Barrett (1940-2022). *Landscape Ecology* 37:2963-2965. <https://doi.org/10.1007/s10980-022-01555-0>.
- McIntyre, N.E.**, L.R. Iverson, and M.G. Turner. 2013. Editorial: A 27-year perspective on the US-IALE annual meeting. *Landscape Ecology* 28(10):1845-1848. <https://doi.org/10.1007/s10980-013-9944-3>. Q1
- Ray, J.D., **N. McIntyre**, M.C. Wallace, and M.G. Schoenhals. 2016. Tracking Burrowing Owls. *Bird Watcher's Digest* Jan/Feb 40-45.
- Awarded "Outstanding Popular Article" at the 2017 annual meeting of the Texas Chapter of the Wildlife Society.

*Published abstracts*

- Hamilton, D.E., M.E. Janowski-Bell, **N.E. McIntyre**, and L.D. Densmore. 2005. A preliminary molecular analysis of the theraphosid genus *Aphonopelma* and its implications on the present morphological taxonomy. *Integrative and Comparative Biology* 45:1007.
- McIntyre, N.E.**, and F.B. Golley. 1991. The behavioral ecology of the Red Wolf (*Canis rufus*) in relation to that of the Coyote (*Canis latrans*). *ASB Bulletin* 38:120.

*Instructional materials*

Antolin, M.F., W.G. Wright, and **N.E. McIntyre**. 1996. *Zoology Lab Manual: Principles of Animal Biology*. Colorado State University, Fort Collins, CO.

*Invited articles*

**McIntyre, N.E.** 1998. Rescuing damsels in distress: The conservation of damselflies and their habitat. *Arizona Riparian Council Newsletter* 11:3-4.

*Fact sheets*

Porter, P., and **N. McIntyre**. 2003. Fact Sheet: Larger Black Flour Beetle in Southern High Plains Homes. Texas Cotton Ginners' Association.

Porter, P., and **N.E. McIntyre**. 2007. Fact sheet: Larger Black Flour Beetle in Southern High Plains Homes (E-443). Texas Cooperative Extension, College Station, TX.

*Media*

Guest blog post for Wild Pantex:

<http://www.pantex.com/news/blog/Pages/WP%E2%80%93Burrowing-Owls.aspx>

Insect videos for teachers (P. Porter, 2007): Fundamentals of collecting aquatic arthropods, Dr. Nancy E. McIntyre - [http://www.youtube.com/watch?v=\\_DoqG-hXWTM](http://www.youtube.com/watch?v=_DoqG-hXWTM)

Insect videos for teachers (P. Porter, 2007): Pitfall traps for collecting arthropods, Dr. Nancy E. McIntyre - <http://www.youtube.com/watch?v=M06pLSOb708>

Porter, P., and **N. McIntyre**. 2003. Monitoring cotton gin trash for Larger Black Flour Beetles. An educational video for local cotton ginners made on behalf of the Texas Cotton Ginners' Association.

**RESEARCH SUPPORT**

2021 – 2026 NSF-LSAMP, \$2,017,456 (Senior Personnel)

2023 – 2024 Department of Interior National Park Service, \$146,953 (co-PI)

2018 – 2023 Texas Comptroller of Public Accounts, \$869,745 (co-PI)

2021 – 2022 Department of Interior National Park Service, \$50,000 (co-PI)

2021 Department of Interior National Park Service, \$10,012 (co-PI)

2020 – 2021 Department of Interior National Park Service, \$35,678 (co-PI)

2020 – 2021 Texas Tech University J.T. & Margaret Talkington College of Visual & Performing Arts, \$5000 (co-PI) – deferred due to COVID-19 pandemic to 2021-2022

2020 – 2021 Department of Interior National Park Service, \$11,205 (co-PI)

- 2020 – 2021 Department of Interior National Park Service, \$45,243 (co-PI)
- 2019 – 2020 Department of Interior National Park Service, \$38,209 (co-PI)
- 2017 – 2020 NSF-LSAMP, \$125,000 (Senior Personnel)
- 2016 Texas Tech University Open Access Publishing Initiative, \$1100 (PI)
- 2016 – 2017 Texas Tech University Proposal Support Program, \$2000 (co-PI)
- 2016 – 2017 Western Association of Fish & Wildlife Agencies, \$5364 (co-PI)
- 2015 – 2018 USDA Natural Resources Conservation Service, \$761,781 (Project Collaborator)
- 2014 – 2019 NSF-Macrosystems Biology, \$309,080 (PI)
- 2014 – 2015 U.S. Bureau of Reclamation, \$85,424 (co-PI)
- 2013 – 2014 NSF-Division of Mathematical Sciences, \$19,000 (co-PI)
- 2013 – 2014 Mathematical Biosciences Institute, \$5000 (co-PI)
- 2011 – 2013 NSF-Macrosystems Biology, \$88,498 (PI)
- 2011 – 2015 NSF-PRISM, \$1,457,733 (co-PI)
- 2010 Cotton Inc., \$27,500 (co-PI)
- 2009 Cotton Inc., \$25,000 (co-PI)
- 2008 Cotton Inc., \$16,000 (co-PI)
- 2007 Cotton Inc., \$16,000 (co-PI)  
Howard Hughes Medical Institute Research Grant, \$5000 (co-PI)
- 2006 Dept. Biological Sciences F&A Mini-grant, Texas Tech University, \$2500 (PI)
- 2005 Research Enhancement Fund, Texas Tech University, \$3300 (co-PI)
- 2004 – 2010 NSF-LTER, \$4.9M (Senior Personnel)
- 2002 – 2004 Advanced Research Program of Texas, \$249,520 (co-PI)
- 2002 Research Enhancement Fund, Texas Tech University, \$2668 (PI)
- 2001 Research Enhancement Fund, Texas Tech University, \$3000 (PI)  
Texas Department of Agriculture, \$13,255 (PI)

- 1998 Research travel award, Dept. Biology, Colorado State University, \$200 (PI)  
NASA-Michigan State University Professional Enhancement Award in  
Landscape Ecology, \$400 (PI)
- 1997 Dissertation Fellowship, Colorado State University, \$11,000 (PI)  
Research travel award, Dept. Biology, Colorado State University, \$225 (PI)  
Sigma Xi Grant-in-Aid of Research, \$700 (PI)
- 1996 Colorado Graduate Fellowship, Colorado State University, \$3491 (PI)  
Research travel award, Dept. Biology, Colorado State University, \$300 (PI)
- 1995 Sigma Xi Grant-in-Aid of Research, \$400 (PI)  
Research travel award, Dept. Biology, Colorado State University, \$300 (PI)

#### SESSIONS CHAIRED AT PROFESSIONAL MEETINGS

- 2016 Avian ecology, The Annual Meeting of the U.S. Chapter of the International Association  
for Landscape Ecology, Asheville, NC
- 2015 John A. Wiens Symposium, The Ninth World Congress of the International Association  
for Landscape Ecology, Portland, OR
- 2010 Invertebrate Ecology II, The 57<sup>th</sup> Annual Meeting of the Southwestern Association of  
Naturalists, Junction, TX
- 2004 Urban landscapes, The 19<sup>th</sup> Annual US-IALE Landscape Ecology Symposium, Las  
Vegas, NV
- 2003 Searching for general principles and identifying limitations, International Workshop  
on Urban Ecology, Melbourne, Australia
- 1999 Conservation of particular taxa, The Fifth World Congress of the International  
Association of Landscape Ecology, Snowmass Village, CO
- 1998 Animal movements across landscapes, The 13<sup>th</sup> Annual US-IALE Landscape  
Ecology Symposium, Lansing, MI

#### SYMPOSIA AND WORKSHOPS ORGANIZED AT PROFESSIONAL MEETINGS

- 2021 Remington, M., J. Cepek, and **N.E. McIntyre**. Symposium: What Does Urbanization Mean?  
International Urban Wildlife Conference (virtual).
- 2015 Wagner, H., **N.E. McIntyre**, and J. Liu. John A. Wiens Symposium: Spatial  
Scaling in Ecology. The Ninth World Congress of the International Association for  
Landscape Ecology, Portland, OR.

- 2007 Nilon, C.H., M. Pavao-Zuckerman, Y. Grossman, B. Olson, and **N. McIntyre**. Workshop: Urban Ecosystem Education: Concepts and Practices, The 92<sup>nd</sup> Annual Meeting of the Ecological Society of America, San Jose, CA
- 2001 **McIntyre, N.E.** Symposium: Pollinators in heterogeneous and dynamic landscapes, The 16<sup>th</sup> Annual US-IALE Landscape Ecology Symposium, Tempe, AZ
- 2000 Wellnitz, T., and **N. McIntyre**. Workshop: The art of giving an outstanding oral presentation, The 85<sup>th</sup> Annual Meeting of the Ecological Society of America, Snowbird, UT
- Parmenter, R., **N. McIntyre**, S. Gage, S. Faeth. Workshop: Arthropod studies in the LTER network: current assessments, cross-site activities, and future directions, LTER All Scientists' Meeting, Snowbird, UT

#### PRESENTATIONS AS AUTHOR OR CO-AUTHOR

- 2023 The 6<sup>th</sup> Annual West Tennessee Water Resources Symposium, Burns, TN  
Texas Tech Annual Biological Sciences Symposium, Lubbock, TX  
Mississippi Water Resources Conference, Starkville, MS  
International Association for Landscape Ecology-North America, Riverside, CA
- 2022 Society for Integrative and Comparative Biology, Phoenix, AZ  
The 47<sup>th</sup> Annual Desert Tortoise Council Symposium (virtual)  
The Tri-national Sonoran Desert Symposium, Ajo, AZ  
International Association for Landscape Ecology-North America (virtual)
- 2021 SACNAS Annual Conference (virtual)  
The 46<sup>th</sup> Annual Desert Tortoise Council Symposium (virtual)  
Joint Annual Arizona-New Mexico Meeting of The Wildlife Society (virtual)  
Texas Tech University Undergraduate Research Conference (virtual)  
Texas Tech University Annual Graduate Student Research Poster Competition (virtual)  
International Association for Landscape Ecology-North America (virtual)  
**Invited talk:** REU Program, Department of Mathematics and Statistics, Texas Tech University, Lubbock, TX
- 2020 **Invited plenary:** The 15<sup>th</sup> North American Crane Workshop, Lubbock, TX  
Annual Meeting of the Texas Chapter of The Wildlife Society, Corpus Christi, TX  
Ecology, Evolution, and Behavior Seminar, Lubbock, TX  
The 19<sup>th</sup> Annual Graduate School Poster Competition, Lubbock, TX  
6<sup>th</sup> Tri-National Sonoran Desert Symposium, Ajo, AZ  
**Invited plenary:** International Association for Landscape Ecology-North America (virtual)  
The Wildlife Society 27<sup>th</sup> Annual Conference (virtual)
- 2019 Annual Meeting of the Texas Chapter of The Wildlife Society, Montgomery, TX  
Annual Meeting of the U.S. Chapter of the International Association for Landscape Ecology, Ft. Collins, CO

- Annual Meeting of the Society for Freshwater Science, Salt Lake City, UT  
Annual Meeting of the American Society of Mammalogists, Washington, D.C.
- 2018 Annual Meeting of the Texas Chapter of The Wildlife Society, Dallas, TX  
Annual Meeting of the U.S. Chapter of the International Association for Landscape Ecology, Chicago, IL  
International Aridlands Conference, Lubbock, TX  
The 14<sup>th</sup> International Grouse Symposium, Logan, UT
- 2017 **Invited talk:** Annual Meeting of the U.S. Chapter of the International Association of Landscape Ecology, Baltimore, MD  
Annual Meeting of the Southwestern Branch of the Entomological Society of America, Austin, TX  
Annual Meeting of The Wildlife Society, Albuquerque, NM  
Annual Meeting of the Entomological Society of America, Denver, CO
- 2016 Arizona/New Mexico Chapter of The Wildlife Society, Flagstaff, AZ  
4<sup>th</sup> Tri-National Sonoran Desert Symposium, Ajo, AZ  
Texas Tech University Undergraduate Research Conference, Lubbock, TX  
Texas Tech Annual Biological Sciences Symposium, Lubbock, TX  
Annual Meeting of the U.S. Chapter of the International Association for Landscape Ecology, Asheville, NC  
Annual Meeting of the Ecological Society of America, Ft. Lauderdale, FL  
International Congress of Entomology, Orlando, FL  
Annual Meeting of The Wildlife Society, Raleigh, NC
- 2015 Arizona/New Mexico Chapter of The Wildlife Society, Las Cruces, NM  
Texas Tech Annual Biological Sciences Symposium, Lubbock, TX  
Texas Tech University Undergraduate Research Conference, Lubbock, TX  
**Invited talk:** World Congress of the International Association for Landscape Ecology, Portland, OR  
Annual Meeting of the Society of Freshwater Science, Milwaukee, WI  
**Invited talk:** Annual meeting of the Ecological Society of America, Baltimore, MD
- 2014 Texas Tech Annual Biological Sciences Symposium, Lubbock, TX  
**Invited talk:** Climate Science Center, Lubbock, TX  
American Mathematical Society Spring Sectional Meeting, Lubbock, TX  
Texas Tech University Undergraduate Research Conference, Lubbock, TX  
**Invited talk:** Annual Meeting of the U.S. Chapter of the International Association of Landscape Ecology, Anchorage, AK  
Annual Meeting of the Society of Freshwater Science, Portland, OR  
Annual Meeting of The Wildlife Society, Pittsburgh, PA
- 2013 Texas Tech Annual Biological Sciences Symposium, Lubbock, TX  
Annual Meeting of the U.S. Chapter of the International Association for Landscape Ecology, Austin, TX  
Texas Tech University Undergraduate Research Conference, Lubbock, TX  
**Invited talk:** Annual Meeting of the Society of Freshwater Science, Jacksonville, FL

- Annual Meeting of the Ecological Society of America, Minneapolis, MN
- 2012 **Invited poster:** First MacroSystems Biology PI Meeting, Boulder, CO  
Ecology, Evolution and Behavior Brown Bag Seminar Series, Lubbock, TX  
Texas Tech Annual Biological Sciences Symposium, Lubbock, TX
- 2011 Annual Meeting of the Texas Society of Mammalogists, Junction, TX  
Texas Tech Annual Biological Sciences Symposium, Lubbock, TX  
Annual Meeting of the American Society of Mammalogists, Portland, OR  
Annual Meeting of The Wildlife Society, Waikoloa, HI  
**Invited talk:** Center for Water and the Environment, Natural Resources Research  
Institute, University of Minnesota-Duluth, Duluth, MN  
**Invited talk:** Geographic Information Science Center of Excellence, South Dakota State  
University, Brookings, SD  
**Invited talk:** Department of Natural Resource Management, South Dakota State  
University, Brookings, SD  
Eastern South Dakota Water Conference, Brookings, SD
- 2010 Ecology, Evolution and Behavior Brown Bag Seminar Series, Lubbock, TX  
Annual Meeting of the Dragonfly Society of the Americas, Orono, ME  
The 25<sup>th</sup> Annual US-IALE Landscape Ecology Symposium, Athens, GA  
The 57<sup>th</sup> Annual Meeting of the Southwestern Association of Naturalists, Junction, TX  
Texas Tech Annual Biological Sciences Symposium, Lubbock, TX  
Annual Meeting of the American Society of Mammalogists, Laramie, WY
- 2009 The 94<sup>th</sup> Annual Meeting of the Ecological Society of America, Albuquerque, NM  
The 24<sup>th</sup> Annual US-IALE Landscape Ecology Symposium, Snowbird, UT  
Annual Meeting of the Texas Chapter of The Wildlife Society, Lubbock, TX  
TTU Honors College Undergraduate Research Conference, Lubbock, TX  
Biomathematics Seminar Series, Lubbock, TX
- 2008 **Invited participant:** Teaching landscape ecology, The 23<sup>rd</sup> Annual US-IALE  
Landscape Ecology Symposium, Madison, WI  
Annual Meeting of the Texas Chapter of The Wildlife Society, San Antonio, TX
- 2007 **Invited participant:** Workshop: Climate Change and Prairie Wetlands Project (EPA  
STAR Grant Program), Brookings, SD  
The Wildlife Society 14<sup>th</sup> Annual Conference, Tucson, AZ  
Biomathematics Seminar Series, Lubbock, TX  
The XVII International Congress of Arachnology, São Pedro, Brazil
- The 54<sup>th</sup> Annual Meeting of the Southwestern Association of Naturalists, Stephenville,  
TX  
Texas Tech Univ. Dept. Biological Sciences Graduate Student Forum, Lubbock, TX  
The 11<sup>th</sup> Biennial Soil Ecology Society Meeting, Moab, UT
- 2006 Annual Meeting of the Texas Society of Mammalogists, Junction, TX  
The 22<sup>nd</sup> Annual All-University Conference on the Advancement of Women in Higher

Education, Lubbock, TX

Texas Tech Univ. Dept. Biological Sciences Graduate Student Forum, Lubbock, TX

The 91<sup>st</sup> Annual Meeting of the Ecological Society of America, Memphis, TN

**Invited talk:** Raptors on the Prairie Conference, Lubbock, TX

- 2005 The 40<sup>th</sup> Annual Meeting of the Texas Chapter of The Wildlife Society, Amarillo, TX  
 The 20<sup>th</sup> Annual US-IALE Landscape Ecology Symposium, Syracuse, NY  
 The 52<sup>nd</sup> Annual Meeting of the Southwestern Association of Naturalists, Huntsville, TX  
 Howard Hughes Medical Institute Research Days, Lubbock, TX  
 The 80<sup>th</sup> Annual Meeting of the Ecological Society of America, Montreal, QC, Canada  
 The Annual Meeting of the Raptor Research Foundation, Green Bay, WI
- 2004 **Invited talk:** Urban Community Ecology Workshop, Tempe, AZ  
 The 20<sup>th</sup> Annual All-University Conference on the Advancement of Women in Higher Education, Lubbock, TX  
 Sixth International Conference on HFRS, HPS and Hantaviruses, Seoul, South Korea  
 The 84<sup>th</sup> Annual Meeting of the American Society of Mammalogists, Arcata, CA  
 The 51<sup>st</sup> Annual Meeting of the Southwestern Association of Naturalists, San Antonio, TX
- 2003 The 18<sup>th</sup> Annual US-IALE Landscape Ecology Symposium, Banff, AB, Canada  
**Invited talk:** The Sixth World Congress of the International Association for Landscape Ecology, Darwin, NT, Australia  
 The 88<sup>th</sup> Annual Meeting of the Ecological Society of America, Savannah, GA
- 2002 The 17<sup>th</sup> Annual US-IALE Landscape Ecology Symposium, Lincoln, NE  
 The 87<sup>th</sup> Annual Meeting of the Ecological Society of America, Tucson, AZ  
 The 50<sup>th</sup> Annual Meeting of the Entomological Society of America, Ft. Lauderdale, FL  
**Invited talk:** The Institute of Environmental and Human Health, Texas Tech University, Lubbock, TX
- 2001 The 16<sup>th</sup> Annual US-IALE Landscape Ecology Symposium, Tempe, AZ  
 The 86<sup>th</sup> Annual Meeting of the Ecological Society of America, Madison, WI  
 Annual Meeting of the Southwestern Branch of the Entomological Society of America, San Antonio, TX  
 The 49<sup>th</sup> Annual Meeting of the Entomological Society of America, San Diego, CA
- 2000 The 15<sup>th</sup> Annual US-IALE Landscape Ecology Symposium, Ft. Lauderdale, FL  
 The Second Annual CAP-LTER Research Symposium, Tempe, AZ  
**Invited talk:** CSIRO, Townsville, QLD, Australia
- 1999 The First Annual CAP-LTER Research Symposium, Tempe, AZ  
 The Fourth International Symposium on Urban Wildlife Conservation, Tucson, AZ  
**Invited talk:** The Fifth World Congress of the International Association for Landscape Ecology, Snowmass Village, CO  
 The 84<sup>th</sup> Annual Meeting of the Ecological Society of America, Spokane, WA  
 The Second Annual Meeting of the Baltimore Ecosystem Study, Baltimore, MD



- 1998 The 13<sup>th</sup> Annual US-IALE Landscape Ecology Symposium, East Lansing, MI  
 The Fourth Annual Shortgrass Steppe Symposium, Fort Collins, CO  
**Invited talk:** Hexapodium, University of Arizona Center for Insect Science, Tempe, AZ  
**Invited talk:** The Fourth Annual Symposium on Ecological Research at Colorado State University, Fort Collins, CO
- 1997 The 12<sup>th</sup> Annual US-IALE Landscape Ecology Symposium, Durham, NC  
 The Fourth Annual Biology Department Student Symposium, Fort Collins, CO -  
**Award: Best Graduate Student Oral Presentation**  
 The 82<sup>nd</sup> Annual Meeting of the Ecological Society of America, Albuquerque, NM  
 The Third Annual Symposium on Ecological Research at Colorado State University, Fort Collins, CO
- 1996 The 11<sup>th</sup> Annual US-IALE Landscape Ecology Symposium, Galveston, TX -  
**Award: Best Graduate Student Research Presentation**  
 The Third Annual Biology Department Student Symposium, Fort Collins, CO  
 The 22<sup>nd</sup> Annual Meeting of the Guild of Rocky Mountain Population Biologists, Crestone, CO  
 The Second Annual Symposium on Ecological Research at Colorado State University, Fort Collins, CO  
 The Third Annual Central Plains Experimental Range Symposium, Fort Collins, CO
- 1995 The 10<sup>th</sup> Annual US-IALE Landscape Ecology Symposium, Minneapolis, MN  
 The Second Annual Biology Department Student Symposium, Fort Collins, CO  
 The Second Annual Central Plains Experimental Range Symposium, Fort Collins, CO  
 The 21<sup>st</sup> Annual Meeting of the Guild of Rocky Mountain Population Biologists, Nederland, CO
- 1994 The Ninth Annual US-IALE Landscape Ecology Symposium, Tucson, AZ  
 The First Annual Biology Department Student Symposium, Fort Collins, CO -  
**Award: Best Graduate Student Research Paper**  
 The First Annual Student Chapter of The Society for Conservation Biology Symposium, Fort Collins, CO - **Award: Best Oral Presentation**  
 The 20<sup>th</sup> Annual Meeting of the Guild of Rocky Mountain Population Biologists, Pingree Park, CO
- 1991 The 52<sup>nd</sup> Annual Meeting of the Association of Southeastern Biologists, Boone, NC

#### MEDIA RECOGNITION

- M.S. student Danielle Husband's research was featured in [Nature's Archive Podcast episode #25: Danielle Husband – Wetland Systems, Playas, and Dragonflies!](#), 2021
- Featured in [Daily Toreador, 2021](#)
- Featured in [Texas Tech Today, 2020](#)
- [Entomology Today, 10 January 2020](#)
- College of Agricultural Sciences and Natural Resources' [NewsCenter](#)

- [Press release](#) on 2018 Distinguished Service Award from the U.S. Chapter of the International Association for Landscape Ecology:
- Quoted in [feature article in \*The Atlantic\*, 2016](#)
- Featured in [Texas Tech Today, 2015](#)
- Featured in the TTU College of Arts & Sciences research magazine, alumni edition 2014
- Interviewed in [article in \*Chronicle of Higher Education\*, 2014](#)
- Research part of special journal issue in [NSF news release, 2014](#)
- Featured in [Texas Tech Today, 2014](#)
- NSF press release (scroll down to [next to last entry](#) on page)
- Featured in the [Playa Post newsletter, 11 December 2013](#)
- Featured in TTU's [Teaching, Learning, and Professional Development Center Teaching Academy video, Fall 2012](#)
- Mentioned in [Texas Parks and Wildlife Spring 2011 newsletter](#)
- Featured in [Amarillo Globe-News, 12 June 2010](#)
- Featured in the [Playa Post newsletter, 13 September 2010](#)
- Mentioned in [Midland Reporter-Telegram, 28 October 2010](#)
- Interviewed for "Texas Cranes" episode of *The Best and Worst of Tred Barta* (TV), 2009