

BART M. BALLARD

Caesar Kleberg Wildlife Research Institute
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EDUCATION

- Doctor of Philosophy in Wildlife Science** 1999-2001
- *Institution:* Texas A&M University-Kingsville and Texas A&M University, College Station
 - *Dissertation:* Nutritional Ecology of Northern Pintails Wintering in the Laguna Madre, Texas
 - *Chairs:* Dr. David Hewitt (TAMUK) and Dr. Douglas Slack (TAMU)
- Master of Science in Range and Wildlife Management** 1990-1993
- *Institution:* Texas A&I University, Caesar Kleberg Wildlife Research Institute
 - *Thesis:* Sorghum Management for Waterfowl Wintering in Southern Texas
 - *Chair:* Dr. Thomas C. Tacha (deceased)
- Bachelor of Science in Wildlife Biology** 1985-1990
- *Institution:* Iowa State University, Department of Animal Ecology

EMPLOYMENT HISTORY

- 2014 - present C. Berdon and Rolanette Lawrence Endowed Chair in Waterfowl Research and Professor, Caesar Kleberg Wildlife Research Institute & Department of Animal and Wildlife Sciences, Texas A&M University–Kingsville, Kingsville, Texas.
- 2012-2014 Research Scientist and Professor, Caesar Kleberg Wildlife Research Institute & Department of Animal and Wildlife Sciences, Texas A&M University–Kingsville, Kingsville, Texas.
- 2007–2012 Research Scientist and Associate Professor, Caesar Kleberg Wildlife Research Institute & Department of Animal and Wildlife Sciences, Texas A&M University–Kingsville, Kingsville, Texas. (Tenured in 2007)
- 2002 - 2007 Research Scientist and Assistant Professor, Caesar Kleberg Wildlife Research Institute & Department of Animal and Wildlife Sciences, Texas A&M University–Kingsville, Kingsville, Texas.
- 1999 - 2002 Associate Research Scientist, Caesar Kleberg Wildlife Research Institute, Texas A&M University-Kingsville, Kingsville, Texas.
- 1999 - 2001 Ph.D. Student, Joint Ph.D. Program, Department of Wildlife Sciences, Texas A&M University-Kingsville, Kingsville, TX and Department of Wildlife and Fisheries Sciences, Texas A&M University, College Station, TX
- 1993 - 1999 Research Associate, Caesar Kleberg Wildlife Research Institute, Texas A&M University-Kingsville, Kingsville, Texas

Courses Taught at Texas A&M University-Kingsville:

Undergraduate courses

- **Wetland Ecology and Management (RWSC 4380)**

This course focuses on the ecology and management of North American wetlands. Topics that are covered include unique characteristics of wetlands, wetland classification, the role of hydrology, biological adaptations to wetlands, wetland management and restoration, the functional roles of wetlands and their importance to wildlife.

- **Ecology and Management of Game Birds (RWSC 3390)**

This course is designed to provide students an understanding of game bird ecology and the management strategies employed by private, state, and federal resource managers. It provides an opportunity for innovative thinking and participation in group discussion, and is designed to allow students to develop verbal skills as well as skills in the critical review of literature.

- **Range and Wildlife Ecology (RWSC 1301)**

General overview of basic range and wildlife ecological concepts including natural selection, food webs, trophic levels, competition, predation, niche theory, life-history patterns, and succession.

- **Wildlife Management Techniques (RWSC 3310)**

Field and laboratory techniques used in wildlife management and research: age and gender determination, marking, capture, monitoring, disease surveys, food habits and nutritional analyses, habitat assessment and population estimation.

Graduate courses

- **Avian Community Ecology (WSCI 6396)**

This seminar/discussion course focuses on evolutionary concepts that shape avian communities. Theoretical literature on topics including mating systems, reproductive strategies, foraging adaptations, brood parasitism, migration, and the influences of climate change and urbanization will be discussed.

- **Waterfowl Ecology (WSCI 6382)**

Studies of the theoretical ecology and applied management of waterfowl with emphasis on North America. Contents include ecogeography, migration, wetland habitats, reproduction, feeding ecology, and energetics, and population and harvest management.

Graduate Students Chaired

Student Name	Degree	Project Title	Graduation Date
Richard Finger	M.S.	Reproductive ecology of mottled ducks in mid-coastal Texas	2002
J. Dale James	Ph.D.	Utilization of shoalgrass resources and nutritional ecology of wintering redheads in the Laguna Madre of Texas	2006
Elizabeth M. Bates	M.S.	Genetic diversity and population structure of reddish egrets along the lower Texas coast	2007
J. Tye Anderson	M.S.	Survival, habitat use, and movements of female northern pintails wintering along the Texas coast	2008
Arlene J. Arnold	M.S.	Chronology and terrestrial habitat use by migrating birds in southern Texas	2009
Owen N. Fitzsimmons	M.S.	Ecological implications of marsh management to wetland birds	2010
Amy J. Hanna	Ph.D.	Dynamics of wading bird colonies along the Texas coast	2011
Elizabeth M. Bates	Ph.D.	Foraging ecology of reddish egrets	2011
Erin M. Wehland	Ph.D.	Seasonal survival and molt site fidelity of Western Gulf Coast mottled ducks	2012
Suzanne Contreras	Ph.D.	Assessing the dynamics of bird migration along the lower Texas coast using radar	2013
Michael Mitchell	M.S.	Waterfowl foraging values of freshwater wetlands in southern Texas	2013
Lianne Koczur	M.S.	Reproductive ecology of the western Gulf Coast population of American oystercatchers	2013
Anastasia Krainyk	Ph.D.	A decision support tool for mottled duck management in the Western Gulf Coast	Current student
Corey Lange	M.S.	Influences of wind energy development on redheads in southern Texas.	2014
Nathanial Huck	M.S.	Relationships between diet and habitat for northern pintails.	2014

David Newstead	Ph.D.	Delineating migratory paths and breeding origins of red knots in Texas	Current student
Lianne Koczur	Ph.D.	Ecology of adult reddish egrets breeding in Texas	Current student
Taylor Yerrick	M.S.	Evaluating a radar system for monitoring bird migration	Current student
Matthew Garrick	M.S.	Nutrient reserve dynamics of female northern pintails	Current student

Undergraduate Research and Paid Undergraduate Positions Directed

Student Name	Project Title
Jennifer Garrett	Diets of redheads wintering in the Laguna Madre
Owen Fitzsimmons	Utilization of shoalgrass resources by wintering redheads in the Laguna Madre of Texas
Jason Estrella	Activity budgets of northern pintails during winter
Russ Hawes	Diets of redheads wintering in the Laguna Madre
Todd Sliger	Testing aging techniques for blue-winged teal
Walter Clore	Differences in diets of northern bobwhites in root-plowed and non-root-plowed landscapes.
Kathleen Erwin	Habitat use by mottled duck broods
Candace Aguirre	Differences in invertebrate communities from managed and nonmanaged coastal wetlands
Salena Morales	Differences in invertebrate communities from managed and nonmanaged coastal wetlands
Adrianna Ochoa	Ecological implications of marsh management to wetland birds
James Prukop	Estimating waterfowl foraging values of freshwater wetlands in southern Texas
Brian Koch	Temporal changes in gross energy available from shoalgrass rhizomes
Taryn Balke	Molting habitat characteristics of Western Gulf Coast mottled ducks
Deanna Drake	Assessing the dynamics of bird migration along the lower Texas coast using radar
Michael Ortega	Changes in body mass of redheads over winter in the Laguna Madre
John Cueller	Energy content of submerged aquatic vegetation from freshwater wetlands in southern Texas
Ryan McCarty	Estimating waterfowl foraging values of freshwater wetlands in southern Texas
David McBee	Available food energy for shorebirds from south Texas wetlands
Angelica Arredondo	Mapping wetland bathymetry on Laborcitas Creek Ranch

Adain Flores Diet and nutrition of northern pintails

Angelica Arredondo Diet and nutrition of northern pintails

RESEARCH AND CREATIVE ACTIVITIES**Refereed Journal Articles:**

1. Eversole, C. B., S. E. Henke, D. B. Wester, B. M. Ballard, and R. L. Powell. 2015. Responses of American alligators (*Alligator mississippiensis*) to environmental conditions: implications for population and ecosystem monitoring. *Herpetologica* 71:37–45.
2. Koczur, L. M., A. E. Munters, S. A. Heath, B. M. Ballard, M. C. Green, S. J. Dinsmore, and F. Hernández. 2014. Reproductive success of the American oystercatcher (*Haematopus palliatus*) in Texas. *Waterbirds* 37: 371-380.
3. Eversole, C. B., S. E. Henke, B. M. Ballard, and R. L. Powell. 2014. Duration of marking tags on American alligators (*Alligator mississippiensis*). *Herpetological Review* 45: 223-226.
4. Turner, J. W., F. Hernandez, C. W. Boal, B. M. Ballard, F. C. Bryant, and D. B. Wester. 2014. Raptor abundance and northern bobwhite survival and habitat use. *Wildlife Society Bulletin* 38: 689-696.
5. Mitchell, M. K., B. M. Ballard, J. M. Visser, M. G. Brasher, and E. J. Redeker. 2014. Delineation of coastal marsh types along the central Texas coast. *Wetlands* 34: 653-660
6. Bates, L. M. and B. M. Ballard. 2014. Factors influencing behavior and success of foraging reddish egrets (*Egretta rufescens*). *Waterbirds* 37: 191-202.
7. Scott, J. L., F. Hernandez, L. A. Brennan, B. M. Ballard, M. Janis, and N. D. Forrester. 2013. Population demographics of translocated northern bobwhites on fragmented habitat. *Wildlife Society Bulletin* 37: 168–176.
8. Fitzsimmons, O.N., B. M. Ballard, M. T. Merendino, G. A. Baldassarre, and K. M. Hartke. 2012. Implications of coastal wetland management to nonbreeding waterbirds in Texas. *Wetlands* 32: 1057-1066.
9. Rollo, S. N., P. J. Ferro, M. J. Peterson, M. P. Ward, B. M. Ballard, and B. Lupiani. 2012. Non-migratory mottled ducks (*Anas Fulvigula*), sentinels for avian influenza surveillance? *Journal of Zoo and Wildlife Medicine* 43: 168-170.
10. James, J. D., J. E. Thompson, and B. M. Ballard. 2012. Evidence of double brooding in black-bellied whistling-ducks. *Wilson Journal of Ornithology* 124: 183-185.
11. Ballard, B. M., J. D. James, R. L. Bingham, M. J. Petrie, B. C. Wilson. 2010. Coastal pond use by redheads wintering in the Laguna Madre, Texas. *Wetlands* 30: 669-674.
12. Bingham, R. L., L. A. Brennan, and B. M. Ballard. 2010. Discrepancies between Euclidean distance and compositional analysis of resource selection data with known parameters. *Journal of Wildlife Management* 74: 582-587.
13. Bates, L. M., R. W. DeYoung, and B. M. Ballard. 2009. Genetic diversity and population structure of reddish egrets along the Texas coast. *Waterbirds* 32: 430–436.

14. J. T. McCloskey, J. E. Thompson, A. D. Tjelmeland, and B. M. Ballard. 2009. Body composition and gut morphology of migrating and wintering Wilson's snipe. *Waterbirds* 32:96–105.
15. J. T. McCloskey, J. E. Thompson, and B. M. Ballard. 2009. Diet composition of wintering Wilson's snipe. *Wilson Journal of Ornithology* 121:434–439.
16. Brennan, L. A., R. M. Perez, S. J. DeMaso, B. M. Ballard, and W. P. Kuvlesky. 2008. Potential impacts of wind farm energy development on upland game birds: questions and concerns. *Proceedings of the Fourth International Partners in Flight Conference*.
17. Brennan, L. A., B. M. Ballard, and W. P. Kuvlesky, Jr. 2008. Wind energy development, prescribed fire, and migratory land birds in the southeastern United States: breeding, stopover, and wintering habitat relationships. *Proceedings of the Fourth International Partners in Flight Conference*.
18. Bates, L. M., A. M. Fedynich, B. M. Ballard, and M. C. Green 2008. Survey of blood parasites in hatch-year reddish egrets along the lower Texas Coast. *Bulletin of the Texas Ornithological Society* 41: 4-6.
19. Fedynich, A. M., B. M. Ballard, T. J. McBride, J. A. Estrella, J. M. Garvon, and M. J. Hooper. 2007. Arsenic, cadmium, copper, lead, and selenium in migrating blue-winged teal (*Anas discors*, L.). *Archives of Environmental Contamination and Toxicology*.
20. Bingham, R. L., L. A. Brennan, and B. M. Ballard. 2007. Misclassified resource selection: compositional analysis and unused habitat. *Journal of Wildlife Management* 71: 1369-1374.
21. Kuvlesky, W.P., Jr., L. A. Brennan, M. L. Morrison, K. K. Boydston, B. M. Ballard, and F. C. Bryant. 2007. Wind energy development and wildlife conservation: challenges and opportunities. *Journal of Wildlife Management* 71: 2487-2498.
22. Ballard, B. M., J. E. Thompson, and M. J. Petrie. 2006. Carcass composition and digestive tract dynamics of northern pintails wintering along the lower Texas coast. *Journal of Wildlife Management* 70: 1316-1324.
23. Fedynich, A. M., R. S. Finger, B. M. Ballard, J. M. Garvon, and M. J. Mayfield. 2005. Helminths of Ross' and greater white-fronted geese wintering in south Texas, USA. *Comparative Parasitology* 72: 33-38.
24. Ballard, B. M., J. E. Thompson, M. J. Petrie, M. Chekett, and D. H. Hewitt. 2004. Diet and nutrition of northern pintails wintering along the southern coast of Texas. *Journal of Wildlife Management* 68: 371–382.
25. Kloss, C. L., A. M. Fedynich, and B. M. Ballard. 2003. Survey of blood parasites in Ross' and white-fronted geese in southern Texas. *Southwestern Naturalist* 48: 286–289.
26. Glenn, T. C., J. E. Thompson, B. M. Ballard, J. A. Roberson, and J. O. French. 2002. Mitochondrial DNA variation among wintering mid-continent Gulf Coast sandhill cranes. *Journal of Wildlife Management* 62: 339–348.

27. Ballard, B. M. 2001. Parasitism of a Laughing gull nest by black-bellied whistling ducks. *Wilson Bulletin* 113: 339-340.
28. Ballard, B. M., M. T. Merendino, R. H. Terry, and T. C. Tacha. 2001. Estimating abundance of breeding mottled ducks in Texas. *Wildlife Society Bulletin* 29: 1186–1192.
29. Ballard, B. M. and J. E. Thompson. 2000. Winter diets of sandhill cranes from central and coastal Texas. *Wilson Bulletin* 112: 263-268.
30. Ballard, B. M., J. E. Thompson, M. T. Merendino, J. D. Ray, J. A. Roberson, and T. C. Tacha. 1999. Demographics of the Gulf Coast subpopulation of mid-continent sandhill cranes. *Proceedings of the Southeastern Association of Fish and Wildlife Agencies* 53: 449-463.
31. Igl, L. D. and B. M. Ballard. 1999. Habitat association of migrating and overwintering grassland birds in southern Texas. *Condor* 101: 771-782.
32. Ballard, B. M. and T. C. Tacha. 1995. Habitat use by geese wintering in southern Texas. *Southwestern Naturalist* 40: 68-75.
33. Ballard, B. M., and T. C. Tacha. 1994. Avian response during winter to sorghum management in southern Texas. *Journal of Agriculture and Natural Resources* 7: 55-69.

Book Chapters:

- Kuvlesky, W. P., Jr., L. A. Brennan, B. M. Ballard, T. A. Campbell, D. G. Hewitt, C. A. Deyoung, S. E. Henke, F. Hernandez, and F. C. Bryant. 2013. Managing Populations. Pages 299-322 *in* P. Krausman and J. Cain, editors, *Wildlife Management and Conservation: Contemporary Principles and Practices*. John Hopkins University Press, Baltimore, Maryland.
- Ballard, B. M. 2007. Linking waterfowl ecology and management: a Texas coast perspective. Pages 95-108 *in* T. E. Fulbright and D. G. Hewitt, editors. *Frontiers in Wildlife Science: Linking Ecological Theory and Management Applications*. CRC Press, Boca Raton, Florida.
- Kuvlesky, W. P., Jr., L. A. Brennan, B. M. Ballard, and T. M. Langschied. 2007. Avian ecology at the landscape scale in south Texas: applying metapopulation theory to grassland bird conservation. Pages 21-42 *in* T. E. Fulbright and D. G. Hewitt, editors, *Frontiers in Wildlife Science: Linking Ecological Theory and Management Applications*. CRC Press, Boca Raton, Florida.

Popular Articles:

- Ballard, B. M. 2014. Duck Divas. *South Texas Wildlife*, Volume 18, Number 2.
- Ballard, B. M. 2013. Rice and Waterfowl: a winning combination. *South Texas Wildlife*, Volume 17, Number 2.
- Ballard, B. M. 2013. Late winter wetland management for waterfowl. *Texas Wildlife*, February issue.

- Ballard, B. M. 2011. Texas Colonial Waterbirds. Texas Wildlife, October issue.
- Ballard, B. M. 2010. The marvels of migration. Texas Wildlife, October issue.
- Ballard, B. M. 2008. Trouble for Texas Pintails. Ducks Unlimited magazine, Jan/Feb issue.
- Ballard, B. M. 2008. The perfect place for a waterbird researcher. Texas Wildlife, February issue.
- Fitzsimmons, O. N. and B. M. Ballard. 2007. Least Bittern. South Texas Wildlife, Volume 11, Number 2.
- Bates, E. M. and B. M. Ballard. 2005. The Charismatic Reddish Egret. South Texas Wildlife, Volume 9, Number 1.
- Ballard, B. M. 2003. The Mottled Duck: A little known Texas treasure. Texas Wildlife Extra, October Issue.
- James, J. D., and B. M. Ballard. 2001. Redheads: The True Winter Texans. Texas Wildlife Extra, October Issue.

Presented Papers:

International

1. Koczur, L. M., A. E. Munters, S. A. Heath, B. M. Ballard, M. C. Green, S. J. Dinsmore, and F. Hernandez. 2014. Nest and brood survival of the American oystercatcher on the western Gulf coast. Annual meeting of the Waterbird Society, La Paz, Mexico.
2. Koczur, L. M., B. M. Ballard, and M. C. Green. 2014. Movements of adult reddish egrets marked with satellite transmitters in the Laguna Madre, Texas. Annual meeting of the Waterbird Society, La Paz, Mexico.
3. Koczur, L. M., A. Krainyk, and B. M. Ballard. 2014. Reddish egret roost-site selection. Annual meeting of the Waterbird Society, La Paz, Mexico.
4. Lange, C. J., B. M. Ballard, D. P. Collins, and R. W. DeYoung. 2014. Impacts of wind energy on wintering redheads along the lower Texas coast. Annual meeting of the Waterbird Society, La Paz, Mexico.
5. Lange, C. J., B. M. Ballard, D. P. Collins, B. C. Wilson, and J. D. James. 2014. Development favorability analysis for redheads along the lower Texas Coast. Annual meeting of the Waterbird Society, La Paz, Mexico.
6. Lange, C. J., B. M. Ballard, K. L. Metzger, D. P. Collins, and R. W. DeYoung. 2014. Modeling sea level rise using a SLAMM model and its effects on colonial waterbird islands. Annual meeting of the Waterbird Society, La Paz, Mexico.

7. Lamb, J. S., D. Newstead, B. M. Ballard, L. Koczur, M. C. Green, and P. Jodice. 2014. A bridge between oceans: use of the Tenuantepec Isthmus by waterbirds during dispersal and migration. Annual meeting of the Waterbird Society, La Paz, Mexico.
8. Wehland, E. M., B. E. Davis, B. M. Ballard, F. C. Rowher, and M. G. Brasher. 2013. Survival of female mottled ducks along the western Gulf coast. 6th North American Duck Symposium and Workshop, Memphis, TN.
9. Wehland, E. M., B. E. Davis, B. M. Ballard, F. C. Rowher, and M. G. Brasher. 2013. Post-breeding habitat use and fidelity to molting sites by western Gulf coast mottled ducks. 6th North American Duck Symposium and Workshop, Memphis, TN.
10. Mitchell, M. K., B. M. Ballard, J. Visser, and M. G. Brasher. 2013. Delineating coastal marsh zones in Texas. 6th North American Duck Symposium and Workshop, Memphis, TN.
11. Contreras, S., B. M. Ballard, W. P. Kuvlesky, L. A. Brennan, and M. L. Morrison. 2012. Bird migration patterns in the lower Gulf Coast region of Texas. 5th North American Ornithological Conference, Vancouver, British Columbia, Canada.
12. Ballard, B. M., D. J. Reed, B. Geary, M. C. Green, and W. C. Howe. 2011. Migration routes and wintering sites of reddish egrets breeding in Texas. 5th North American Ornithological Conference, Vancouver, British Columbia, Canada.
13. Koczur, L., A. E. Munters, B. M. Ballard, M. C. Green, and S. A. Heath. 2012. Nest success and chick survival of American oystercatchers in Texas. 5th North American Ornithological Conference, Vancouver, British Columbia, Canada.
14. Green, M. C., B. M. Ballard, E. Palacios, B. J. Geary, D. J. Reed, and A. Hill. 2012. Movement and gene flow throughout the breeding range of North America's rarest heron, the reddish egret. 5th North American Ornithological Conference, Vancouver, BC.
15. Geary, B. J., M. C. Green, B. M. Ballard, D. J. Reed, and W. Howe. 2012. Effects of tropical cyclones and severe weather on juvenile reddish egret dispersal behavior. 5th North American Ornithological Conference, Vancouver, BC.
16. Bates, E. M. and B. M. Ballard. 2011. Foraging behavior and foraging habitat dynamics in the Laguna Madre of Texas. Waterbird Society, Annapolis, Maryland.
17. Turner, A. J., B. M. Ballard, and A. Kasner. 2011. Dynamics of wading bird colonies along the Texas Coast. Annual meeting of the Waterbird Society, Grand Island, Nebraska.
18. Reed, D. J., B. M. Ballard, B. Geary, M. Clay Green, and W. Howe. 2011. Foraging distances from colonies by adult reddish egrets. Annual meeting of the Waterbird Society, Grand Island, Nebraska.
19. Bates, E. M. and B. M. Ballard. 2011. Reddish egret foraging behavior and habitat characterization in the Laguna Madre of Texas. Annual meeting of the Waterbird Society, Grand Island, Nebraska.

20. Wehland, E. M., B. E. Davis, B. M. Ballard, F. C. Rowher, and M. Brasher. 2011. Seasonal survival and molting habitat of western Gulf Coast mottled ducks. Annual meeting of the Waterbird Society, Grand Island, Nebraska.
21. Geary, B., M. C. Green, B. M. Ballard, D. J. Reed, and W. Howe. 2011. Movements and survival of juvenile reddish egrets along the Gulf Coast: Initial observations. Annual meeting of the Waterbird Society, Grand Island, Nebraska.
22. Wehland, E. M., B. E. Davis, B. M. Ballard, F. C. Rowher, and M. G. Brasher. 2009. Survival estimates of Western Gulf Coast mottled ducks. 5th North American Duck Symposium, Toronto, Ontario, Canada.
23. Davis, B. E., E. M. Wehland, F. C. Rowher, and B. M. Ballard. 2009. Movements and use of habitats by female mottled ducks in coastal Louisiana and Texas. 5th North American Duck Symposium, Toronto, Ontario, Canada.
24. Arnold, A., B. M. Ballard, and T. M. Langschied. 2008. Terrestrial habitat use and chronology of migrating birds in southern Texas. American Ornithologists' Union/Cooper Ornithological Society/Society of Canadian Ornithologists annual conference, Portland, OR.
25. Tjelmeland, A. D., A. J. Hanna, and B. M. Ballard. 2008. Long-term trends in the roseate spoonbill population in Texas. Annual meeting of the Waterbird Society, South Padre Island, TX.
26. Bates, L. M., R. W. DeYoung, and B. M. Ballard. 2008. Genetic diversity and populations structure of reddish egrets in Texas. Annual meeting of the Waterbird Society, South Padre Island, TX.
27. Bates, L. M. and B. M. Ballard. 2008. Survival and movements of juvenile reddish egrets. Annual meeting of the Waterbird Society, South Padre Island, TX.
28. Fitzsimmons, O. N., B. M. Ballard, G. A. Baldassarre, M. T. Merendino. 2008. The ecological implications of marsh management to wetland birds. Annual meeting of the Waterbird Society, South Padre Island, TX.
29. Yee, C. G., Fitzsimmons, O. N., B. M. Ballard, D. G. Hewitt, and J. E. Thompson. 2008. Diet composition and changes in body components of American coots wintering in southwestern Arkansas. Annual meeting of the Waterbird Society, South Padre Island, TX.
30. Bates, E. M., R. W. DeYoung, and B. M. Ballard. 2007. Genetic diversity and population structure of reddish egrets in Texas. Waterbird Society Annual Meeting, Barcelona, Spain.
31. Hanna, A. J. and B. M. Ballard. 2007. Long-term trends in reddish egret numbers along the Texas Coast, 1973-2005. Waterbird Society, annual meeting, Barcelona, Spain.
32. Bates, E. M., A. M. Fedynich, B. M. Ballard, and M. C. Green. 2007. Survey of blood parasites from hatch-year reddish egrets from the Texas Coast. Waterbird Society Annual Meeting, Barcelona, Spain.

33. Bates, L. M., R. W. DeYoung, and B. M. Ballard. 2006. Conservation genetics of reddish egrets. North American Ornithological Congress, Veracruz, Mexico.
34. Anderson, J. T., J. A. Moon, B. M. Ballard, D. Haukos, S. J. Dinsmore, and T. E. Moorman. 2006. Survival of female northern pintails during winter in Texas. 4th North American Duck Symposium, Bismarck, ND.
35. Anderson, J. T., and B. M. Ballard. 2006. Winter habitat use by female northern pintails along the Texas Coast. 4th North American Duck Symposium, Bismarck, ND.
36. Bingham, R. L., B. M. Ballard, and L. A. Brennan. 2006. Misclassified resource selection: compositional analysis and unused habitat. 2006 International Conference on Statistics, Mathematics, and Related Fields, Honolulu, HI.
37. James, J. D., B. M. Ballard, J. S. Davis, and M. J. Petrie. 2003. Body mass and carcass composition of redheads wintering in the Laguna Madre, Texas. 3rd North American Duck Symposium, Sacramento, CA.
38. James, J. D., B. M. Ballard, J. S. Davis, and M. J. Petrie. 2003. The effects of redhead abundance and foraging site availability on shoalgrass depletion in the Laguna Madre of Texas. 3rd North American Duck Symposium, Sacramento, CA.
39. Wilson, B. C., J. S. Davis, B. M. Ballard, D. M. Brown, J. D. James, and M. J. Petrie. 2003. GIS models to target freshwater wetland conservation for redheads in the Texas Laguna Madre. 3rd North American Duck Symposium, Sacramento, CA.
40. Finger, R. S., B. M. Ballard, M. T. Merendino, J. P. Hurst, D. S. Lobpries, and A. M. Fedynich. 2003. Reproductive Ecology of Mottled Ducks in Texas. 3rd North American Duck Symposium, Sacramento, CA.
41. Finger, R. S., B. M. Ballard, M. T. Merendino, J. P. Hurst, D. S. Lobpries, and A. M. Fedynich. 2003. Nest site characteristics of mottled ducks in Texas. 3rd North American Duck Symposium, Sacramento, CA.
42. Ballard, B. M., J. E. Thompson, and M. J. Petrie. 2000. Nutritional ecology of wintering pintails in the Laguna Madre of Texas. Second North American Duck Symposium and Workshop, Saskatoon, Saskatchewan, Canada.
43. Canales, E., B. M. Ballard, R. D. Slack. 1999. Management of geese and ducks. International Workshop: Wildlife Conservation and Management, Saltillo, NL, Mexico.

National

44. Krainyk, A., B. M. Ballard, M. G. Brasher, B. C. Wilson, M. Parr, and G. Moon. 2014. Prioritizing mottled duck habitat for management along the western Gulf coast. Annual meeting of the Southeastern Association of Fish and Wildlife Agencies, Destin, FL.
45. Huck, N. R., B. M. Ballard, K. Kraai, and M. R. Kaminski. 2014. Diet of female northern pintails along the Texas coast. Annual meeting of the Southeastern Association of Fish and Wildlife Agencies, Destin, FL.

46. Koczur, L. M., A. E. Munters, S. A. Heath, B. M. Ballard, M. C. Green, S. J. Dinsmore, and F. Hernandez. 2014. American oystercatcher reproductive success in Texas. Annual meeting of the Southeastern Association of Fish and Wildlife Agencies, Destin, FL.
47. Contreras, S., B. M. Ballard, W. P. Kuvlesky, L. A. Brennan, K. Boydston, and M. L. Morrison. 2010. Chronology and magnitude of bird migration along the lower Texas coast. Society for Range Management, Denver, Colorado.
48. Bates, L. M., and B. M. Ballard. 2010. Characterization of reddish egret foraging habitat in the Laguna Madre of Texas. The Wildlife Society, Snowbird, Utah.
49. Wehland, E. M., B. E. Davis, B. M. Ballard, F. C. Rohwer, and M. Brasher. 2010. Seasonal survival and molting habitat of western Gulf Coast mottled ducks. The Wildlife Society, Snowbird, Utah.
50. Fitzsimmons, O. N., B. M. Ballard, G. A. Baldassarre, M. T. Merendino. 2009. The ecological implications of marsh management to wetland birds. Society of Wetland Scientists annual meeting, Madison, WI.
51. Contreras, S., B. M. Ballard, W. P. Kuvlesky, L. A. Brennan, M. L. Morrison, and K. K. Boydston. 2008. Dynamics of bird migration along the lower Texas coast. Partners in Flight annual conference, McAllen, TX.
52. Brennan, L. A., B. M. Ballard, W. P. Kuvlesky. 2008. Windfarm energy development, prescribed fire and migratory land birds in the southeastern United States: breeding, stopover, and wintering habitat relationships. Partners in Flight annual conference, McAllen, TX.
53. Brennan, L. A., R. M. Perez, S. J. DeMaso, B. M. Ballard, and W. P. Kuvlesky. 2008. Potential impacts of wind farm energy development on upland game birds: why worry. Partners in Flight annual conference, McAllen, TX.
54. Arnold, A., B. M. Ballard, and T. M. Langschied. 2008. Terrestrial habitat use and chronology of migrating birds in southern Texas. Partners in Flight annual conference, McAllen, TX.
55. Arnold, A., B. M. Ballard, and T. M. Langschied. 2008. Terrestrial habitat use and chronology of migrating birds in southern Texas. Wilson Ornithological Society/Association of Field Ornithologists annual conference, Mobile, AL.
56. Tjelmeland, A. D., A. J. Hanna, and B. M. Ballard. 2008. Long-term trends in the roseate spoonbill population in Texas. Annual meeting of The Wildlife Society, Miami, FL.
57. Bates, E. M., R. W. DeYoung, and B. M. Ballard. 2007. Conservation genetics of reddish egrets. The Wildlife Society Annual Meeting, Tuscon, AZ.
58. Turner, J. W., F. Hernandez, C. W. Boal, B. M. Ballard, and F. C. Bryant. 2007. Raptor abundance and migration patterns in South Texas. The Wildlife Society Annual Meeting, Tuscon, AZ.

59. Bingham, R. L., B. M. Ballard, and L. A. Brennan. 2007. Differences in determination of preferential habitat use for a distance-based method and compositional analysis. The Wildlife Society Annual Meeting, Tuscon, AZ.
60. Bates, E. M., A. M. Fedynich, B. M. Ballard, and M. C. Green. 2007. Survey of blood parasites from hatch-year reddish egrets from the Texas Coast. Southwester Association of Parasitologists annual meeting, Lake Texoma, OK.
61. Bingham, R. L., B. M. Ballard, and L. A. Brennan. 2006. Differences in determination of preferential habitat use for a distance-based method and compositional analysis. The Wildlife Society annual meeting, Anchorage, AK.
62. Anderson, J. T., B. M. Ballard, R. R. Cox, Jr., S. J. Dinsmore, and T. E. Moorman. 2005. Survival of female northern pintails during winter along the Texas Coast. The Wildlife Society annual meeting, Madison, WI.
63. Ballard, B. M., B. C. Wilson, D. M. Browne, and J. D. James. 2005. Prioritization of freshwater wetland conservation for wintering redheads along the lower Texas Coast. The Wildlife Society annual meeting, Madison, WI.
64. Graves, D., A. M. Fedynich, and B. M. Ballard. 2005. Assessing helminth community structure and patterns in gizzard worms of blue-winged teal (*Anas discors*). The 80th annual meeting of the American Society of Parasitologists. Mobile, AL.
65. Graves, D., G. A. Garvon, A. M. Fedynich, and B. M. Ballard. 2005. Sex ratios of gizzard nematodes in blue-winged teal (*Anas discors*). The 80th annual meeting of the American Society of Parasitologists. Mobile, AL.
66. Finger, R. S., B. M. Ballard, M. T. Merendino, J. P. Hurst, D. S. Lobpries, and A. M. Fedynich. 2004. Nest site characteristics of mottled ducks in Texas. Annual meeting of The Wildlife Society, Calgary, Alberta.
67. James, J.D., B. M. Ballard, J. S. Davis, and M. J. Petrie. 2004. Body mass and carcass composition of redheads wintering in the Laguna Madre, Texas. Annual meeting of The Wildlife Society, Calgary, Alberta.
68. Bingham, R. L. and B. M. Ballard. 2004. How reliable are compositional analysis and Euclidean distance-based analyses for assessment of resource selection? Annual meeting of The Wildlife Society, Calgary, Alberta.
69. Fedynich, A. M., R. S. Finger, B. M. Ballard, J. Garvon, and M. Mayfield. 2004. Helminth communities of Ross' and white-fronted geese wintering in south Texas. The 53rd Annual Meeting of the Wildlife Disease Association; A Joint Conference with the American Association of Zoo Veterinarians and the American Association of Wildlife Veterinarians San Diego, CA.
70. Garvon, J. M., A. M. Fedynich, R. S. Finger, and B. M. Ballard. 2004. Ecological significance of gizzard nematode sex ratios in waterfowl. The 53rd Annual Meeting of the Wildlife Disease Association; A Joint Conference with the American Association of Zoo Veterinarians and the American Association of Wildlife Veterinarians, San Diego, CA.

71. Fedynich, A. M., R. S. Finger, B. M. Ballard, and J. Garvon. 2004. Helminth community structure and pattern in white-fronted geese wintering in south Texas. Southwestern Association of Parasitologists annual meeting, Kingston, OK.
72. Garvon, J. M., A. M. Fedynich, R. S. Finger, B. M. Ballard. 2003. Sex ratios of gizzard nematodes from white-fronted geese and Ross' geese. Southwestern Association of Parasitologists Annual Meeting, Lake Texoma, OK.
73. Fedynich, A. M., R. S. Finger, B. M. Ballard, and M. Mayfield. 2003. Helminths of Ross' Geese Wintering in South Texas. Southwestern Association of Parasitologists Annual Meeting, Lake Texoma, OK.
74. Finger, R. S., B. M. Ballard, M. T. Merendino, J. Hurst, D. S. Lobpries, and A. M. Fedynich. 2002. Survival of female mottled ducks and ducklings in Texas. Annual meeting of The Wildlife Society, Bismarck, ND.
75. Ballard, B. M., J. E. Thompson, and M. J. Petrie. 2000. Nutritional ecology of wintering northern pintails in the Laguna Madre of Texas. Annual meeting of The Wildlife Society, Nashville, TN.
76. Ballard, B. M., J. E. Thompson, M. T. Merendino, J. D. Ray, J. A. Roberson, and T. C. Tacha. 1999. Demographics of the Gulf Coast subpopulation of mid-continent sandhill cranes. Proc. Annu. Conf. Southeast. Assoc. Fish and Wildl. Agencies. Annual meeting, Greensboro, NC.

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77. Krainyk, A., B. M. Ballard, M. G. Brasher, B. C. Wilson, M. Parr, and G. Moon. 2014. Prioritizing mottled duck habitat for management along the western Gulf coast. Annual meeting of the Texas Chapter of The Wildlife Society, Austin, TX.
78. Koczur, L. M., A. E. Munters, S. A. Heath, B. M. Ballard, M. C. Green, S. J. Dinsmore, and F. Hernandez. 2014. American oystercatcher nest and brood survival in Texas. Annual meeting of the Texas Chapter of The Wildlife Society, Austin, TX.
79. Koczur, L. M., A. Krainyk, and B. M. Ballard. 2014. Nocturnal roosting of reddish egrets. Annual meeting of the Texas Chapter of The Wildlife Society, Austin, TX.
80. Lange, C. J., B. M. Ballard, D. P. Collins, B. C. Wilson, and J. D. James. 2014. Development favorability analysis for redheads along the lower Texas Coast. Annual meeting of the Texas Chapter of The Wildlife Society, Austin, TX.
81. Lange, C. J., B. M. Ballard, K. L. Metzger, D. P. Collins. 2014. Modeling the effects of sea level rise on coastal pond availability for redheads along the lower Texas coast. Annual meeting of the Texas Chapter of The Wildlife Society, Austin, TX.
82. Huck, N. R., B. M. Ballard, K. Kraai, and M. R. Kaminski. 2014. Diet and nutrition of female northern pintails wintering along the Texas coast. Annual meeting of the Texas Chapter of The Wildlife Society, Austin, TX.

83. Enwright, N., S. B. Hartley, M. G. Brasher, J. M. Visser, M. K. Mitchell, B. M. Ballard, M. W. Parr, and B. R. Couvillion. Annual meeting of the Texas Chapter of The Wildlife Society, Austin, TX.
84. Enwright, N. M., S. B. Hartley, B. R. Couvillion, M. G. Brasher, J. M. Visser, M. K. Mitchell, B. M. Ballard, M. W. Parr, and B. C. Wilson. 2014. Delineation of marsh types along the north central Gulf of Mexico Coast from Corpus Christi Bay, Texas to Mobile Bay, Alabama – 2010. Gulf Coast Joint Venture Management Board, Corpus Christi, TX
85. Krainyk, A., B. M. Ballard, M. G. Brasher, B. C. Wilson, M. Parr, and G. Moon. 2014. A decision support tool to guide mottled duck conservation in the western Gulf Coast. Central Flyway Technical Committee, Corpus Christi, TX
86. Lange, C. J., B. M. Ballard, and D. P. Collins. 2014. Conservation issues for redheads along the lower Texas Coast. Central Flyway Technical Committee, Corpus Christi, TX
87. Krainyk, A., B. M. Ballard, M. G. Brasher, B. C. Wilson, M. Parr, and G. Moon. 2014. Development of a decision support tool to guide mottled duck conservation in the western Gulf Coast region. Gulf Coast Joint Venture Management Board, Corpus Christi, TX
88. Koczur, L. M., A. E. Munters, S. A. Heath, B. M. Ballard, M. C. Green, F. Hernandez, D. B. Wester. 2013. Reproductive success of American oystercatchers along the Texas coast. Texas Chapter of The Wildlife Society, Houston, TX.
89. Koczur, L.M., A.E. Munters, S.A. Heath, B.M. Ballard, M.C. Green, F. Hernández and D.B. Wester. 2013. Reproductive Success of the American Oystercatcher in Texas. Texas Colonial Waterbird Society, Victoria, TX.
90. Trewella, I., F. Hernandez, D. B. Wester, B. M. Ballard, D. G. Hewitt. 2013. Timing of northern bobwhite reproduction in a semi-arid environment. Texas Chapter of The Wildlife Society, Houston, TX.
91. Lange, C. J., B. M. Ballard, D. P. Collins, E. J. Redeker, J. D. James. 2013. Impacts of wind energy on wintering redheads along the lower Texas coast. Texas Chapter of The Wildlife Society, Houston, TX.
92. Krainyk, A., R. S. Finger, R. H. Terry, B. M. Ballard. Wetland habitat selection by mottled duck broods in Texas. 2013. Texas Chapter of The Wildlife Society, Houston, TX.
93. Krainyk, A., B. M. Ballard, M. G. Brasher, B. C. Wilson, M. W. Parr, and E. G. Redeker. 2013. Prioritizing mottled duck habitat for management along the western Gulf coast. Texas Chapter of The Wildlife Society, Houston, TX.
94. Munters, A. E., L. M. Koczur, M. C. Green, B. M. Ballard, S. A. Heath. 2013. Habitat suitability and nest site selection of American oystercatchers along the Texas coast. Texas Chapter of The Wildlife Society, Houston, TX.

95. Contreras, S., B. M. Ballard, W. P. Kuvlesky, L. A. Brennan, and M. L. Morrison. 2012. Temporal and spatial dynamics of bird migration along the lower Texas Coast. Texas Chapter of The Wildlife Society, Fort Worth.
96. Geary, B. J., M. C. Green, B. M. Ballard, D. J. Reed, and W. C. Howe. 2012. Use of satellite telemetry to observe first-year movements and survival of reddish egrets on the Gulf coast. Texas Chapter of The Wildlife Society, Fort Worth.
97. Bates, E. M., and B. M. Ballard. 2012. Delineation of reddish egret foraging habitat in the Laguna Madre of Texas. Texas Chapter of The Wildlife Society, Fort Worth.
98. Reed, D. J., B. J. Geary, B. M. Ballard, M. C. Green, and W. C. Howe. 2012. Seasonal movements of adult reddish egrets in the Laguna Madre of Texas. Texas Chapter of The Wildlife Society, Fort Worth.
99. Mitchell, M. K., B. M. Ballard, M. G. Brasher, J. M. Visser, and E. J. Redeker. 2012. Waterfowl foraging values of wetlands in Texas. Texas Chapter of The Wildlife Society, Fort Worth.
100. McBee, D. C., M. K. Mitchell, and B. M. Ballard. 2012. Carrying capacity of freshwater wetlands in southern Texas for migrating shorebirds. Texas Chapter of The Wildlife Society, Fort Worth.
101. Wehland, E. M., B. E. Davis, B. M. Ballard, F. C. Rowher, and M. Brasher. 2011. Post-breeding habitat selection of western Gulf Coast mottled ducks. Texas Chapter of The Wildlife Society, San Antonio.
102. Bates, E. M. and B. M. Ballard. 2011. Reddish egret foraging behavior and habitat characterization in the Laguna Madre of Texas. Texas Chapter of The Wildlife Society, San Antonio.
103. Reed, D. J., B. M. Ballard, B. Geary, and M. Clay Green. 2011. Seasonal movements of adult reddish egrets marked with satellite transmitters. Texas Colonial Waterbird Society, Corpus Christi.
104. Bates, E. M. and B. M. Ballard. 2011. Reddish egret foraging behavior and habitat characterization in the Laguna Madre of Texas. Texas Colonial Waterbird Society, Corpus Christi.
105. Contreras, S., and B. M. Ballard. 2011. Use of radar technology to characterize migratory bird movements. Texas Chapter of The Wildlife Society, San Antonio.
106. Wehland, E. M., B. E. Davis, B. M. Ballard, F. C. Rowher, and M. Brasher. 2010. Seasonal survival and molting habitat of Western Gulf Coast mottled ducks. Texas Chapter of The Wildlife Society, Galveston.
107. Bates, E. M. and B. M. Ballard. 2010. Characterization of reddish egret foraging habitat in the Laguna Madre of Texas. Texas Chapter of The Wildlife Society, Galveston.

108. Fitzsimmons, O. N., B. M. Ballard, G. A. Baldassarre, M. T. Merendino, and K. M. Hartke. 2010. The ecological implications of marsh management to wetland birds. Texas Chapter of The Wildlife Society, Galveston.
109. Contreras, S., B. M. Ballard, W. P. Kuvlesky, L. A. Brennan, K. Boydston, and M. L. Morrison. 2010. Chronology and magnitude of bird migration along the lower Texas coast. Texas Chapter of The Wildlife Society, Galveston.
110. Wehland, E. M., B. E. Davis, B. M. Ballard, and F. C. Rowher. 2009. Seasonal survival of Western Gulf Coast mottled ducks. Texas Chapter of The Wildlife Society, Lubbock.
111. Bates, E. M. and B. M. Ballard. 2009. Survival and movements of juvenile reddish egrets. Texas Chapter of The Wildlife Society, Lubbock.
112. Fitzsimmons, O. N., B. M. Ballard, G. A. Baldassarre, and M. T. Merendino. 2009. The ecological implications of marsh management to wetland birds. Texas Chapter of The Wildlife Society, Lubbock.
113. Bates, E. M., R. W. DeYoung, and B. M. Ballard. 2008. Understanding genetic structuring of Reddish Egrets in Texas: the first steps for effective management. Texas Wildlife Diversity Conference, Houston, TX.
114. Bates, E. M., R. W. DeYoung, and B. M. Ballard. 2008. Genetic diversity and population structure of reddish egrets in Texas. Texas Chapter of The Wildlife Society annual meeting, San Antonio, TX.
115. Hanna, A. J., B. M. Ballard, and A. Kasner. 2008. Long-term trends in reddish egrets along the Texas coast. Texas Chapter of The Wildlife Society annual meeting, San Antonio, TX.
116. Bingham, R.L., B. M. Ballard and L.A. Brennan. 2008. Inflated Type I errors using compositional analysis for unused habitats. Texas Chapter of The Wildlife Society annual meeting, San Antonio, TX.
117. Turner, J.W., F. Hernandez, B. M. Ballard, C. W. Boal, and F. C. Bryant. 2008. Raptor abundance and migration patterns in South Texas. Texas Chapter of The Wildlife Society annual meeting, San Antonio, TX, 14–16 February 2008.
118. Bates, E. M., B. M. Ballard, and A. C. Kasner. 2008. The characterization and delineation of Reddish Egret foraging habitat in the Laguna Madre of Texas. 9th Ecological Integration Symposium, College Station, Texas.
119. Bates, E. M., R. W. DeYoung, and B. M. Ballard. 2007. Conservation genetics of reddish egrets. Texas Chapter of The Wildlife Society 42nd Annual Meeting, Beaumont, TX.
120. Bates, E. M., A. M. Fedynich, B. M. Ballard, and M. C. Green. 2007. Blood parasites in reddish egrets from the Texas Gulf Coast. Texas Chapter of The Wildlife Society 42nd Annual Meeting, Beaumont, TX.

121. Merendino, M. T., M. Brasher, B. M. Ballard, and K. Hartke. 2007. Current waterfowl research studies on the Texas Coast. Texas Chapter of The Wildlife Society 42nd Annual Meeting, Beaumont, TX.
122. Scott, J. L., F. Hernandez, L. A. Brennan, B. M. Ballard, and N. D. Forrester. 2007. Restoration of northern bobwhite populations in fragmented landscapes. Texas Chapter of The Wildlife Society 42nd Annual Meeting, Beaumont, TX.
123. Turner, J. W., F. Hernandez, B. M. Ballard, C. W. Boal, and F. C. Bryant. 2007. Raptor abundance and migration patterns in South Texas. Texas Chapter of The Wildlife Society 42nd Annual Meeting, Beaumont, TX.
124. Bates, E. M., R. W. DeYoung, and B. M. Ballard. 2007. Conservation genetics of reddish egrets. Texas Colonial Waterbird Society Biannual Meeting, Corpus Christi, TX.
125. Anderson, J. T, and B. M. Ballard. 2006. Habitat use of female northern pintails in the rice prairie region of Texas. Texas Chapter of The Wildlife Society annual meeting, South Padre Island, TX.
126. Bates, L. M., R. W. DeYoung, and B. M. Ballard. 2006. Conservation genetics of reddish egrets along the Texas Coast. 4th Annual Pathways to the Doctorate Symposium, Canyon, TX.
127. Ballard, B. M. 2005. Status and research needs for reddish egrets. Texas Colonial Waterbird Society 2005 Symposium. Port Aransas, TX. (*Invited*)
128. Anderson, J. T., and B. M. Ballard. 2005. Survival of female northern pintails along the Gulf Coast of Texas. 3rd Annual Pathways to the Doctorate Symposium, Kingsville, TX
129. Estrella, J. A., and B. M. Ballard. 2005. Energy budgets of female northern pintails wintering along the Texas coast. 3rd Annual Pathways to the Doctorate Symposium, Kingsville, TX
130. Ballard, B. M., B. C. Wilson, D. M. Browne, and J. D. James. 2005. Prioritizing freshwater wetland conservation efforts along the southern Texas coast. Center for Research Excellence in Science and Technology - Environmental Sustainability in Semi-arid Coastal Areas, San Antonio, TX
131. Anderson, J. T, B. M. Ballard, and D. S. Lobpries. 2005. Survival and habitat use of female northern pintails in the rice prairie region of Texas. Texas Chapter of The Wildlife Society annual meeting, Amarillo, TX
132. Clore, W. E., B. M. Ballard, and M. L. Bartoskowetz. 2005. Diet composition and quality of northern bobwhites in early and mid-successional habitats during winter in south Texas. Texas Chapter of The Wildlife Society annual meeting, Amarillo, TX
133. Sliger, T. B., J.M. Garvon, B. M. Ballard, A. M. Fedynich. 2005. Evaluation of multiple techniques in age determination of blue-winged teal. Texas Chapter of The Wildlife Society annual meeting, Amarillo, TX

134. Sliger, T. B., J.M. Garvon, B. M. Ballard, A. M. Fedynich. 2005. Determinating age of blue-winged teal: optimal field techniques. Texas Academy of Science annual meeting, Edinburg, TX .
135. Sliger, T. B., J. M. Garvon, B. M. Ballard, A. M. Fedynich. 2005. Effectiveness of multiple techniques in age determination of blue-winged teal. 3rd Annual Pathways to the Doctorate Symposium, Kingsville, TX
136. Ballard, B. M., B. C. Wilson, D. M. Browne, J. D. James, and J. S. Davis. 2004. Conservation strategies for wintering redheads in the Laguna Madre of Texas. Texas Chapter of the Wildlife Society, Kerrville.
137. James, J. D., B. M. Ballard, M. J. Petrie, and R. D. Slack. 2004. Are resources limited to wintering redhead ducks in the Laguna Madre of Texas. Texas Chapter of the Wildlife Society, Kerrville.
138. Estrella, J. A., J. T. Anderson, and B. M. Ballard. 2003. Time budgets of female northern pintails wintering along the Texas Gulf Coast. The Wildlife Society, Texas Chapter, Waco, TX.
139. Finger, R. S., B. M. Ballard, M. T. Merendino, J. Hurst, D. S. Lobpries, and A. M. Fedynich. 2002. Survival of female mottled ducks and ducklings in Texas. Annual meeting of the Texas Chapter of the Wildlife Society, Corpus Christi, TX.
140. Ballard, B. M. 2002 (Invited). The Wildlife Society Certification Program. Texas Chapter of The Wildlife Society Meeting, Corpus Christi, TX.
141. Ballard, B. M. 2001. Breeding and wintering waterfowl research along the Texas Coast. Annual meeting of the Texas Ornithological Society, Corpus Christi, TX.
142. Kloss, C. L., A. M. Fedynich, and B. M. Ballard. 2001. Survey of blood parasites in Ross' and white-fronted geese from southern Texas. Annual meeting of the Texas Chapter of the Wildlife Society, College Station, TX. (*Poster*)
143. Ballard, B. M., J. E. Thompson, M. J. Petrie, R. D. Slack, and D. G. Hewitt. 2001. Nutrient reserve dynamics and diet quality of northern pintails wintering along the Texas coast. Annual meeting of the Texas Chapter of the Wildlife Society, College Station, TX.
144. Ballard, B. M. and J. E. Thompson. 1999. Winter diets of sandhill cranes wintering in Central and coastal Texas. Annual meeting of The Wildlife Society, Austin, TX. (*Poster*)
145. Ballard, B. M., J. E. Thompson, and J. A. Roberson. 1998. Updated research concerning management for the Gulf Coast Subpopulation of sandhill cranes. Central Management Unit Committee, Central Flyway Council spring meeting, Harlingen, TX.
146. Ballard, B. M., J. E. Thompson, and J. A. Roberson. 1997. Management for the Gulf Coast subpopulation of mid-continent sandhill cranes. Sandhill Crane Ad Hoc Subcommittee of the Central Management Unit meeting, Denver, CO.

147. Ballard, B. M., J. E. Thompson, M. T. Merendino, J. D. Ray, J. A. Roberson, and T. C. Tacha. 1997. Demographics of the Gulf Coast subpopulation of mid-continent sandhill cranes. Annual meeting of The Wildlife Society, Snowmass, CO.
148. Igl. L. D. and B. M. Ballard. 1997. Habitat use of migrating and wintering grassland birds in southern Texas. Annual meeting of the Wilson Ornithol. Soc. Manhattan, KS.
149. Ballard, B. M., J. E. Thompson, M. T. Merendino, J. D. Ray, J. A. Roberson, and T. C. Tacha. 1997. Distribution, abundance, subspecific composition, and recruitment of the Gulf Coast subpopulation of mid-continent sandhill cranes. Annual meeting of the Texas Chapter of The Wildlife Society, Beaumont, TX.
150. Terry, R. H., B. M. Ballard, and T. C. Tacha. 1996. Estimating Breeding Pairs and Production of Ducks in the Coastal Plains of Texas. Texas Chapter of The Wildlife Society annual meeting, Wichita Falls, TX.
151. Ballard, B. M. 1996. Managing Agricultural Lands for Geese and Ducks. Farmers, Waterfowl, and Wetlands: Partners for Profit Workshop. Laguna Atascosa NWR, Rio Hondo, Texas.
152. Ballard, B. M. 1996. Agronomic Compromises when Managing Cropland for Geese and Ducks. Farmers, Waterfowl, and Wetlands: Partners for Profit Workshop. Laguna Atascosa NWR, Rio Hondo, Texas.
153. Langshied, T. M., B. M. Ballard, and T. C. Tacha. 1995. Temporal Variation and Habitat Use of Avian Communities in Southern Texas. Texas Chapter of the Wildlife Society Meeting, Kerrville, Texas.
154. Ballard, B. M., and T. C. Tacha. 1994. Avian Responses During Winter to Sorghum Management in Southern Texas. First Annual meeting of The Wildlife Society, Albuquerque, New Mexico.
155. Ballard, B. M., and T. C. Tacha. 1994. Sorghum Management for Birds Wintering in Southern Texas. Texas Chapter of The Wildlife Society Meeting, Nacagdoches, Texas.
156. Ballard, B. M., and T. C. Tacha. 1993. Managing Agricultural Lands for Waterfowl during Winter in Southern Texas. South Texas Wildlife Conference, Kingsville, Texas.
157. Ballard, B. M., and T. C. Tacha. 1993. Habitat Use by Geese Wintering in Southern Texas. Texas Chapter of The Wildlife Society Meeting, Denton, Texas.

Local

- Koczur, L.M. and B. M. Ballard. 2013. Reproductive Ecology of American Oystercatchers. Coastal Bend Audubon Society, Corpus Christi, TX.
- Koczur, L.M., A.E. Munters, S.A. Heath, B.M. Ballard, M.C. Green, F. Hernández and D.B. Wester. 2013. Reproductive Success of the American Oystercatcher in Texas. Pathways Research Symposium, Kingsville, TX.

Koczur, L.M., A. Krainyk and B.M. Ballard. 2013. Nocturnal Roosting of Reddish Egrets: A Study using Satellite Telemetry. Javelina Research Symposium, Kingsville, TX.

Koczur, L. M., A. E. Munters, B. M. Ballard, M. C. Green, S. A. Heath, F. Hernandez, and D. B. Wester. 2012. Nest success and chick survival of American oystercatchers in Texas. Texas A&M University-Kingsville Javelina Symposium.

Ballard, B. M. 2006. Linking waterfowl ecology and management: a Texas coast perspective. Caesar Kleberg Wildlife Research Institute 25th Anniversary Celebration, Corpus Christi, TX.

Kuvlesky, W. P., Jr., L. A. Brennan, and B. M. Ballard. 2006. Avian ecology at the landscape scale in south Texas: applying metapopulation theory to grassland bird conservation. Caesar Kleberg Wildlife Research Institute 25th Anniversary Celebration, Corpus Christi, TX.

Ballard, B. M., and T. C. Tacha. 1991. Sorghum Management for Waterfowl Wintering in Southern Texas. 1991 Biennial Welder Wildl. Found. Student Symp., Sinton, Texas.

Funded Grants:

1. Contreras, S. and B. M. Ballard. Bird migration along the Texas Coast. Cowden Charitable Trust. 2014: \$10,000
2. Ballard, B. M. and S. Contreras. Understanding bird migration dynamics along the lower Texas coast (phase 2). Robert J. Kleberg, Jr. and Helen C. Kleberg Foundation. 2014: \$96,139
3. Ballard, B. M. Effects of wind energy on redhead ducks in southern Texas. U.S. Fish and Wildlife Service. 2013-2015: \$143,000
4. Ballard, B. M. Texas Coastal Vegetation Survey. University of Louisiana-Lafayette. 2012-2013: \$22,000
5. Ballard, B. M. Bird migration characteristics at an inland site along the lower Texas Coast. Texas A&M University-Kingsville Research Award, 2012-2013: \$14,994
6. Ballard, B. M. Nutritional ecology of northern pintails in Texas. Texas Parks and Wildlife Department 2012-2015: \$151,265
7. Ballard, B. M. and E. J. Redeker. Decision Support Tool to guide mottled duck management. Gulf Coast CESU. 2012-2013: \$64,000
8. Ballard, B.M. Reproductive Ecology of American Oystercatchers. National Fish & Wildlife Foundation/Gulf Coast Bird Observatory. 2012-2013: \$16,740
9. Ballard, B. M. Delineation of coastal marsh zones in Texas. Ducks Unlimited, Inc. 2010-2012: \$62,000
10. Ballard, B. M. Ecology of Adult Reddish Egrets along the Texas Coast. U.S. Fish and Wildlife Service. 2010-13: \$163,691.
11. Ballard, B. M. Molting habitat of western Gulf Coast mottled ducks. Exxon Mobile Corporation. 2010: \$2,500
12. Rasmussen, A. and B. M. Ballard. Dynamics of Bird Migration along the Lower Gulf Coast of Texas. Robert J. Kleberg, Jr. and Helen C. Kleberg Foundation. 2008-10: \$450,000
13. Ballard, B. M. Seasonal Survival, Movements, and Habitat Use of Western Gulf Coast Mottled Ducks. Ducks Unlimited, Inc. 2008-11: \$297,118

14. Ballard, B. M. Ecological Implications of Marsh Management to Waterbirds. Texas Parks and Wildlife Department. 2007-09: \$24,150
15. Ballard, B. M. Foraging Ecology of Reddish Egrets in Texas. Fort Worth Zoo. 2008: \$5,000
16. Ballard, B. M. Survival, Dispersal and Genetic Variability of Reddish Egrets along the Lower Texas Coast. Ben and Rachel Vaughan Foundation. 2006: \$5,000
17. Ballard, B. M. Survival of Western Gulf Coast Mottled Ducks. Ducks Unlimited, Inc. 2006-07: \$15,500
18. DeYoung, R. W., M. Garcia, and B. M. Ballard. Detection and Prevalence of Avian Influenza in Feral Swine from Southern Texas. United States Department of Agriculture, APHIS-Wildlife Services. 2007: \$100,000
19. Ballard, B. M., W.P. Kuvlesky, and L.A. Brennan. Dynamics of Bird Migration along the Lower Gulf Coast of Texas. Texas Parks and Wildlife Department. 2006-09: \$123,477
20. Ballard, B. M. Lower Laguna Madre Summer Internship. Exxon Mobile Corporation. 2005: \$2,000
21. Kuvlesky, W. P., B. M. Ballard, and L. A. Brennan The potential impact of a wind generating facility on bird communities of the lower Texas Gulf Coast. Texas Parks and Wildlife Department. 2005-06: \$51,000
22. Ballard, B. M. The role of rice agriculture in the winter ecology of northern pintails. The Rice Foundation. 2004-05: \$15,300
23. Ballard, B. M. Student experience in coastal ecology. Coastal Bend Community Foundation. 2005: \$6,000
24. Ballard, B. M. Habitat use and survival of northern pintails along the Gulf Coast of Texas. Ducks Unlimited, Inc. 2003-05: \$40,000
25. Ballard, B. M. Habitat use and survival of female northern pintails in the rice prairie and coastal regions of Texas. Texas Parks and Wildlife Department. 2002-04: \$54,080.
26. Ballard, B. M. Survival and habitat use of female northern pintails in the rice prairie and coastal regions of Texas. U.S. Fish and Wildlife Service, Gulf Coast Joint Venture. 2002-03: \$10,000.
27. Ballard, B. M. Relationship between shoalgrass distribution and freshwater availability: Implications for wetland conservation. Texas Coastal Management Program. 2002-03: \$36,423
28. Ballard, B. M. Nutrient reserve dynamics of wintering redheads. Texas A&M University-Kingsville Summer Research Initiative. 2002: \$3,716

29. Ballard, B. M. The winter ecology of female northern pintails in the rice prairie and coastal regions of Texas. Rosewood Foundation. 2002: \$5,000
30. Ballard, B. M. Wintering ecology of female northern pintails in the rice prairie and coastal regions of Texas. Gordon and Mary Cain Foundation. 2002: \$25,000
31. Ballard, B. M., M. J. Petrie, and J. D. James The relationship between shoalgrass abundance and wintering redhead populations in the Laguna Madre of Texas: Implications for wetland conservation. Coastal Bend Bays and Estuaries Program. 2002: \$50,000
32. Ballard, B. M. The ecology of redhead ducks in the Laguna Madre Estuary of Texas. Alvin and Lucy Owsley Foundation. 2001–03: \$12,500.
33. Ballard, B. M., M. J. Petrie, and J. D. James. The relationship between shoalgrass abundance and wintering redhead populations in the Laguna Madre of Texas: Implications for wetland conservation. Ducks Unlimited, Inc. 2002–03: \$74,290
34. Ballard, M. T. Merendino, and A. M. Fedynich Habitat Use, Movements, and Survival of Female Mottled Ducks and Ducklings during Brood rearing. Texas Parks and Wildlife Department. 2000–02: \$49,792
35. Ballard, B. M., M. J. Petrie, and J. D. James. Grazing Behavior and Nutritional Ecology of Redheads in the Laguna Madre. Rob and Bessie Welder Wildlife Foundation. 2000–03: \$64,000.
36. Ballard, B. M. Design and analysis of sandhill crane studies in Texas. North Dakota Game and Fish Department. 1997–98: \$1,500
37. Thompson, J. E., M. J. Petrie, and B. M. Ballard. Evaluation of the Laguna Madre as an alternative Wintering site for northern pintails displaced from the Rice Prairies of Texas. Ducks Unlimited, Inc. (IWWR). 1997–99: \$41,000
38. Ballard, B. M., J. E. Thompson, J. A. Roberson. Genetic determination of subspecific composition in the Gulf Coast subpopulation of sandhill cranes. U.S. Fish and Wildlife Service. 1997–98: \$19,803
39. Ballard, B. M. Status and Harvest of the Gulf Coast Population of Mottled Ducks. Texas Parks and Wildlife Department. 1996–97: \$9,200
40. Tacha, T. C., B. M. Ballard, and J. A. Roberson. Distribution, Abundance, Recruitment, and Subspecific Composition of the Gulf Coast Subpopulation of Mid-continent Sandhill Cranes. Texas Parks and Wildlife Department & U.S. Fish and Wildlife Service. 1995–97: \$101,701

PROFESSIONAL GROWTH AND ACTIVITIES

Membership in Professional Societies

The Wildlife Society, Texas Chapter of The Wildlife Society, American Ornithologists' Union, Waterbird Society, Texas Colonial Waterbird Society

Leadership Roles in Professional Organizations

- Monitoring, Evaluation, & Research Team, Gulf Coast Joint Venture (2002-present)
- Laguna Madre Initiative Team, Gulf Coast Joint Venture (2002-present)
- Texas Colonial Waterbird Society Advisory Board (2002-present)
- North American Reddish Egret Recovery Working Group (2005-present)
- IUCN Heron Recovery Group (2009-present)
- Texas Parks and Wildlife Depart. - Migratory Game Bird Advisory Committee (2011-present)
- Texas Chapter of the Wildlife Society
 - President (2009-10), President Elect (2008), Vice President (2007),
 - Local Arrangements Committee Chair (2005), Certification Committee Chair (2002, 2003, 2004), Membership Committee Chair (2005), Student Affairs Committee member (2003, 2004, 2007), Publications Awards Committee member (2003), Nominations Committee Chair (2011), Student Activities Committee Chair (2012)
- James G. Teer Leadership Institute, Science Advisory Board (2014)

Grant and Manuscript Review

- Grants reviewed for: North American Wetland Conservation Act, National Fish and Wildlife Foundation
- Manuscripts reviewed for: The Auk, Wetlands, Journal of Wildlife Management, Wildlife Society Bulletin, Waterbirds, American Midland Naturalist, Prairie Naturalist, Journal of Field Ornithology, Southwestern Naturalist, Southeastern Naturalist, Hydrobiologia, Great Plains Research, Texas A&M University Press, North American Crane Symposium, U.S. Fish and Wildlife Service, U.S. Geological Survey

SERVICE ACTIVITIES

University Committee Assignments

- Institutional Animal Care and Use Committee: member, 2010-present
- Faculty Senate: 2013-present
- Faculty Developmental Leave: Chair, 2005-2006
- Graduate Council: member, 2004-2007
- Research Council: member, 2002-2005
- Institutional Animal Care and Use Committee, 2010-present
- University Appeals Committee, 2012 - present
- Class Scheduling Task Force: Chair, 2008
- Transportation Task Force, 2008
- Student Rating of Instruction Task Force, 2014
- Committee on Assessment and Planning, 2008-10
- TAMUK Sustainability Task Force, 2014-present
- Department of Animal and Wildlife Sciences Curriculum Committee: Chair 2004 – present
- Scholarship Committees
 - Dallas Ecological Foundation Scholarship: 2001
 - AWS Student Excellence Awards: 2003
- CKWRI Facilities Standards and Protocol Committee: 2002 – present
- Search Committees
 - Quantitative Ecologist: 2010
 - Wildlife Education Specialist: 2011
 - Wildlife Education Specialist: 2012
 - Associate Director, Geospatial Technologies: 2013
 - Writing Center Director: 2014

Honors and Awards

- 2006-07 Junior Teaching Award, College of Agriculture, Natural Resources and Human Sciences, Texas A&M University-Kingsville
- 2008-09 Advising Award, College of Agriculture, Natural Resources and Human Sciences, Texas A&M University-Kingsville
- 2010-11 Senior Teaching Award, College of Agriculture, Natural Resources and Human Sciences, Texas A&M University-Kingsville

Sciences, Texas A&M University-Kingsville

- 2011 Educator of the Year, Texas Chapter of The Wildlife Society
- Texas A&M University Systems Student Recognition Award for Teaching Excellence – Spring 2011
- 2012 Distinguished Teacher of the Year, Texas A&M University-Kingsville Javelina Alumni Association