

## VITA

John M. Tomeček, Ph.D.  
Assistant Professor and Extension Wildlife Specialist  
Department of Wildlife and Fisheries Sciences | Texas A&M AgriLife Extension Service  
Texas A&M University

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Thrall, TX 76578  
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### ***OCCUPATIONAL HISTORY:***

Assistant Professor and Extension Wildlife Specialist, Dept. of Wildlife and Fisheries Sciences, Texas A&M AgriLife Extension Service. 2015– Present

Adjunct Assistant Professor, Dept. of Wildlife, Sustainability, and Ecosystem Sciences, Tarleton State University, Stephenville, Texas. 2015– Present

Adjunct Assistant Professor, Dept. of Biology, Angelo State University, San Angelo, Texas. 2015–Present

Adjunct Assistant Professor, Dept. of Animal, Rangeland, and Wildlife Sciences, Texas A&M University-Kingsville, Kingsville, Texas. 2016–Present

Adjunct Assistant Professor, Dept. of Forestry and Natural Resources, Purdue University, Indiana, 2016–Present

### ***EDUCATION***

Ph.D.- Wildlife Ecology and Management 2015

Texas A&M University, College Station, TX

*Dissertation: Influences of Harvest and Environmental Factors on Northern Bobwhites (Colinus virginianus) in the Rolling Plains of Texas*

M.A.- Slavic Studies 2011

University of Texas at Austin, Austin, TX

*Thesis: The Borrowing and Adaptation of the Discourse Marker “Anyway” in Texas Czech.*

B.A.- Anthropology 2008, *Summa cum Laude*

University of Texas at Austin, Austin, TX

B.A.- Czech Language and Culture 2008, *Summa cum Laude*

University of Texas at Austin, Austin, TX

### ***PUBLICATIONS:***

\*- Mentored Student

## **Refereed Scientific Articles:**

**Tomeček, J.M.** 2008. The Texas Czech Dialect Project: Organization and Methods. *Kosmas*, 21.2.

**Tomeček, J.M.,** B.L. Pierce, and M.J. Peterson. 2015. Quail Abundance, Hunter Effort, and Harvest of Two Texas Quail Species: Implications for Hunting Regulations. *Wildlife Biology* 21.6. 303–311

**Tomeček, J.M.,** B.L. Pierce, Reyna, K., and M.J. Peterson. 2017. Inadequate thermal refuge constrains landscape habitability for a grassland bird species. *PeerJ* 5: e3709.

Brewster, K.\*, Henke, S., Ortega, A., **Tomeček, J.M.,** and B. Turner. 2017. Do You Hear What I Hear? Human Perception of Coyote Group Size. *Human-Wildlife Interactions* 11.2.

## **Under Review:**

**Tomeček, J.M., Randel III, C.J.** 2017. *Axis axis* (Artiodactyla: cervidae). *Mammalian Species*. Volume XX, Issue XXX; XX Month 2018

## **Peer-Reviewed Extension Publications**

**Tomeček, J.M.** 2015. Abandoned Wildlife. EWF-024. Texas A&M AgriLife Extension Service.

**Tomeček, J.M.** 2015. Chronic Wasting Disease: Facts for Texans. EWF-023. Texas A&M AgriLife Extension Service.

**Tomeček, J.M.** and L. Redmon. 2015. Restrictions on Waterfowl Baiting and Hunting. EWF-029. Texas A&M AgriLife Extension Service.

**Tomeček, J.M.,** T. Hensley, W. Cook, and B. Dittmar. 2015. Chronic Wasting Disease in Texas Cervids. EWF-031. Texas A&M AgriLife Extension Service.

Redden, R.R., **Tomeček, J.M., and J.W. Walker.** 2015. Livestock Guardian Dogs. EWF-028. Texas A&M AgriLife Extension Service.

**Tomeček, J.M.** and L. Redmon. 2015. Supplemental Feeding White-Tailed Deer. EWF-032. Texas A&M AgriLife Extension Service.

**Tomeček, J.M.** and M. Russell. 2016. Managing Heat for Wildlife on Texas Rangelands. ERM-021. Texas A&M AgriLife Extension Service.

Russell, M. and **J.M. Tomeček**. 2016. Effects of Fire on Wildlife. EWF-032. Texas A&M AgriLife Extension Service.

**Tomeček, J.M.**, M. Frank, and T. Hensley. 2016. Anthrax: Conditions, Symptoms, and Advice for Landowners. EWF-060. Texas A&M AgriLife Extension Service.

**Tomeček, J.M.** 2016. Carcass Disposal Techniques for Managing Chronic Wasting Disease. EWF-061. Texas A&M AgriLife Extension Service.

McPeake, B, and **Tomeček, J.M.** 2016. Chronic Wasting Disease in in Deer and Elk in Arkansas. PSA-9110. University of Arkansas Cooperative Extension Service.

**Tomeček, J.M.**, and S. Gray 2016. Differentiating Mule Deer and White-tailed Deer. EWF-059. Texas A&M AgriLife Extension Service.

**Tomeček, J.M.** and C. González. 2016. Enfermedad Crónica Debilitante. EWF-023S. Texas A&M AgriLife Extension Service.

**Tomeček, J.M.**, 2017. Mange in Wildlife. EWF-098. Texas A&M AgriLife Extension Service.

**Tomeček, J.M.**, M. Bodenchuk, and M. Merchant. 2017. Managing Coyotes on School Grounds. EWF-101. Texas A&M AgriLife Extension Service.

**Tomeček, J.M.**, and M. Bodenchuk. 2017. Vampire Bats in Texas: Ecology, Signs, and Managing Damage to Livestock. EWF-097. Texas A&M AgriLife Extension Service.

**Tomeček, J.M.**, S. Henke, and T. Hensley. 2017. El Chupacabra: The Science of Latin-American Mystery. EWF-099. Texas A&M AgriLife Extension Service.

**Tomeček, J.M.**, and R. Martin. 2017. Living with Black Bears in Texas. EWF-102. Texas A&M AgriLife Extension Service.

### **Extension Video and Interactive Resources:**

“Resources for New Landowners” 25 Jan 2013

“Livestock Guardian Dogs” 01 Nov 2015

“Hunting Safety and Venomous Snakes” 15 Aug 2015

“Collecting Samples for Chronic Wasting Disease” 15 Nov 2017

### **Web-based Extension Publications:**

- “Coyote or Coydog? Myths and Mysteries” 3 May 2012
- “Why is that animal black? Explanations and examples of melanism” 30 April 2012
- “A New Method for Aging Deer: the AgriLife Dentine Method” 9 Mar 2012
- “Texas Cooperative Wildlife Collection Expands Wildlife Knowledge in Texas” 20 Feb 2012.
- “Food Plots for White-tailed Deer” 19 Feb 2012.
- “Federal Aid in Wildlife Restoration Act Turns 75” 14 Feb 2012.
- “Lone Star Healthy Streams-Linking Feral Hogs and Water Quality” 3 Feb 2012.
- “Texas Land Trends Puts Changing Texas Lands into Perspective” 31 Jan 2012.
- “Selecting Trees for Your Property-Texas Style.” 13 Dec 2011
- “Why Native Grasses?” 5 Dec 2011.

***EXTRAMURAL FUNDING:***

Total as PI in this Position: \$683,191

Total as Co-PI to Tomeček in this Position: \$968,302

Total Extramural Funding in this Position: \$1,651,493

*\*-Mentored Student*

*+Co-PI*

| Title  |              |                  |  |   |
|--|--------------|------------------|--|---|
| Grant Period   | Funded Total | Total to Tomeček | PIs  | Funding Agency  |
| New Landowner Assistance Extension Video Publications  |              |                  |  |   |
| 2011   | \$11,000     | \$0              | Locke, S.,<br>J.C.<br>Cathey, B.<br>Alldredge,<br><b>J.M.</b><br><b>Tomeček.</b> | Renewable Resources Extension Act,<br>USDA                                      |
| Nova J Silvy Fellowship for Upland Game Bird Research  |              |                  |  |   |
| 2013–<br>2014  | \$4500       | \$4500           | <b>Tomeček,</b><br><b>J.M.</b>   | Department of Wildlife and Fisheries<br>Sciences, Texas A&M University          |
| Nova J Silvy Fellowship for Upland Game Bird Research  |              |                  |  |   |
| 2014–<br>2015  | \$2700       | \$2700           | <b>Tomeček,</b><br><b>J.M.</b>   | Department of Wildlife and Fisheries<br>Sciences, Texas A&M University          |
| A Scalar Approach to Quail Populations and Environmental Constraints in the Rolling Plains of Texas: A Continuation with Data from the La Nina Years |              |                  |  |   |
| 2014–<br>2015  | \$127,687    | \$127, 687       | Peterson,<br>M.J., B.L.  | Texas A&M AgriLife Extension Service<br>and Texas Parks and Wildlife Department |

|  |           |            |   |  |
|--|-----------|------------|---|--|
|  |           |            | Pierce,<br><b>J.M. Tomeček<sup>+</sup></b><br>, K.S.<br>Reyna                                     |  |
| A Preliminary Evaluation of Montezuma quail Age and Sex Ratios in Hunting Bags from Southern Arizona   |           |            |   |  |
| 2014   | \$3500    | \$3500     | Johnson,<br>C.Z.* , <b>J.M. Tomeček<sup>+</sup></b> ,<br>C.J. Randel,<br>N. J. Silvy              | Department of Wildlife and Fisheries Sciences, Texas A&M University          |
| Assessing the Efficacy of Livestock Guardian Dogs as Artificial, Large Canid Carnivores: Implications for Ecosystem Function and Management of Livestock Predation |           |            |   |  |
| 2015-2018  | \$147,041 | \$147, 041 | <b>Tomeček, J.M.</b> , R.R. Redden,<br>J.W. Walker,<br>N.J. Silvy                                 | Carl and Bina Sue Martin Endowment for Sheep Production                      |
| “An Evaluation of Landowner Incentive Programs on Northern Bobwhite Survival, Productivity, and Land Use in North-Central Texas                                    |           |            |   |  |
| 2016-2017  | \$141,996 | \$7,000    | Mathewson, H.,<br><b>J.M. Tomeček<sup>+</sup></b><br>, J. Breeden,<br>T.W. Schwertner, J. Giacomo | Texas A&M AgriLife Extension Service and Texas Parks and Wildlife Department |
| Evaluating Livestock Guardian Dogs’ Efficacy on Large, Arid Pasture Sheep Production in Texas  |           |            |   |  |
| 2016–2017  | \$32,199  | \$16,500   | Redden, R. R.,<br><b>J.M. Tomeček<sup>+</sup></b><br>, and J.W. Walker                            | USDA- National Sheep Improvement Grant                                       |
| Creating Wildlife and Fisheries CEU Resources for the Texas Public   |           |            |   |  |
| 2016   | \$27,513  | \$5,000    | Sink, T;<br><b>Tomeček<sup>+</sup></b><br>, <b>J.M.</b> ;<br>Clayton,                             | USDA-Renewable Resources Extension Act                                       |

|  |           |           |   |   |
|--|-----------|-----------|---|---|
|  |           |           | M; Helcel,<br>J   |   |
| Educating the Texas Public on Chronic Wasting Disease  |           |           |   |   |
| 2016–<br>2017  | \$22,080  | \$22,080  | <b>Tomeček,<br/>J.M.</b>  | Texas Parks and Wildlife Department-<br>Pittman-Robertson Act Funds             |
| Evaluating the Food Safety and Quality of Harvested Venison  |           |           |   |   |
| 2017-<br>2019  | \$202,500 | \$137,000 | Lopez, R.,<br><b>Tomeček,<br/>J.M.</b> <sup>+</sup> , and<br>Parker, I.           | United States Air Force and the United<br>States Department of Defense          |
| Spatial and Temporal Behavior of Coyotes Relative to Livestock on the East Foundation's<br>San Antonio Viejo Ranch |           |           |   |   |
| 2016-<br>2017  | \$52,000  | \$52,000  | <b>Tomeček,<br/>J.M.;</b><br>Randel,<br>C.J.;<br>French,<br>J.T.*;<br>Silvy, N.J. | The East Foundation   |
| Landscape Genetics and Genomics of Montezuma Quail   |           |           |   |   |
| 2016-<br>2017  | \$79,600  | \$79,600  | <b>Tomeček,<br/>J.M.;</b><br>Dewoody,<br>A.; Luna,<br>R.                          | Texas A&M AgriLife Extension Service<br>and Texas Parks and Wildlife Department |
| Welder Wildlife Foundation Graduate Fellowship   |           |           |   |   |
| 2016-<br>2020  | \$150,000 | \$150,000 | Mathur,<br>S.*;<br><b>Tomeček,<br/>J.M.</b> +;<br>Dewoody,<br>A.                  | Welder Wildlife Foundation  |
| Ranching for Wildlife: Providing CEAs with Training on the Integration of Wildlife and<br>Livestock Management     |           |           |   |   |
| 2017-<br>2019  | \$79,600  | \$73,000  | <b>Tomeček,<br/>J.M.;</b><br>Frank, M.  | USDA-SARE Program   |
| Spatial and Temporal Behavior of Coyotes Relative to Livestock on the East Foundation's<br>San Antonio Viejo Ranch |           |           |   |   |

|  |           |           |  |  |
|--|-----------|-----------|--|--|
| 2017-2019  | \$177,650 | \$177,650 | <b>Tomeček, J.M</b>  | The East Foundation                      |
| Holding on to Texas: Expanding Public Knowledge of Conservation Easements and Other Land-Estate Planning Tools |           |           |  |  |
| 2017-2018  | \$27,000  | \$27,000  | <b>Tomeček, J.M.;</b><br>Frank, M.                             | USDA-RREA                                |
| Evaluating the Impacts of Chemical Herbicide Mixes on Wildlife Habitat Quality                                 |           |           |  |  |
| 2017-2018  | \$15,000  | \$6,250   | Frank, M;<br><b>Tomeček, J. M.+</b>                            | Dow Agrochemical Company                 |
| Providing Support for Livestock Guardian Dogs to Sheep and Goat Raisers in Texas                               |           |           |  |  |
| 2017-2019  | \$100,000 | \$100,000 | Walker, J.;<br><b>Tomeček, J.M+;</b><br>Redden, R.R.           | Texas Sheep and Goat Raisers Association |
| An Investigation into the Biological and Sociological Efficacy of Feral Swine Control Methods in Texas         |           |           |  |  |
| 2017-2019  | \$104,190 | \$104,190 | <b>J.M. Tomeček</b>  | Legislature of the State of Texas        |
| Validation and Deployment of a Novel PCR for <i>Brucellae</i> -infected samples                                |           |           |  |  |
| 2017-2018  | \$299,094 | \$35,000  | Cook, W;<br><b>Tomeček, J.M.+;</b><br>Hull, N;<br>Schumaker, B | USDA- FFAR-ROAR                          |

***SELECTED CONFERENCE PRESENTATIONS:***

\*- Mentored Student

**Tomecek, J.M.** and M.J. Bodenchuk. 2017. A Lone Star State of Mind: A History and Approach to the Management of Wild Pigs in Texas. 71<sup>st</sup> Conference of the Southeastern Association of Fish and Wildlife Agencies. Louisville, KY. 28–31 October 2017.

Danielle E. Belleny\*, Heather A. Mathewson, Jeff Breeden, **John Tomeček**, T. Wayne Schwertner, and Jim Giocomo. 2016. An Evaluation of the Effects of Restoration on Nesting and Brood-Rearing Habitat of Northern Bobwhite. Paper Presented at VIIth

International Scientific Symposium for Young Scientists, PhD Students, and Students of Agricultural Colleges. Bydgoszcz, Poland.

**Tomeček, J.M.** 2016. Forensic Techniques for Evaluating Predation on Livestock and Wildlife. Trans-Pecos Wildlife Conference. Alpine, Texas, USA.

**Tomeček, J.M.** 2016. Forensic Techniques for Evaluating Predation on Livestock and Wildlife. Northern Great Plains Integrated Wildlife Damage Management Symposium. Pierre, South Dakota, USA

**Tomeček, J.M.,** B. L. Pierce, M. J. Peterson, and K.S. Reyna. 2015. Weather, Temperature, and Thermal Refugia for Texas Quails: Limits to the Realized Niche. The Texas Chapter of the Wildlife Society Annual Conference. Corpus Christi, Texas, USA.

Johnson, C.Z.\*, **Tomeček, J.M.,** C.J. Randel, B.L. Pierce, N.J. Silvy, and R.R. Lopez. 2015. A Novel Method of Age Determination in Montezuma quail (*Cyrtonix montezumae*) from Southern Arizona. The Texas Chapter of the Wildlife Society Annual Conference. Corpus Christi, Texas, USA.

**Tomeček, J.M.,** B. L. Pierce, and M. J. Peterson. 2014. Quail Abundance, Hunter Effort, and the Harvest of 2 Texas Quail Species. The Wildlife Society Annual Conference. Pittsburgh, Pennsylvania, USA. 25-30 October 2014.

Pierce, B. L., **J. M. Tomeček,** K. S. Reyna, and M. J. Peterson. 2013. Multiscale analysis of quail relative abundance, climate, and habitat in the Texas Rolling Plains. Rolling Plains Quail Research Foundation Conference. Sweetwater, Texas, USA. 19–20 March 2013.

## ***SELECTED PUBLIC OUTREACH PRESENTATIONS***

Integrating Livestock and Wildlife Management  
Wildlife Predation Identification  
Carnivore Ecology and Management  
Carnivore Survey Methods  
Estimating Abundance of Large Mammals  
Mourning Dove Management  
Northern Bobwhite Habitat Management  
White-tailed Deer Management  
Wild Turkey Management  
Introduction to Chronic Wasting Disease  
Chronic Wasting Disease Sample Collection  
Common Diseases of Mammals  
Common Disease of Birds  
Wildlife Tax Valuation: Need-to-Knows  
Wild Pig Ecology and Management  
Thermal Ecology: Basics and Implications for Management



***CLASSROOM TEACHING EXPERIENCE:***

***Texas A&M University***

Techniques of Wildlife Management  
Wildlife Law and Administration

***Tarleton State University***

Human Dimensions of Wildlife Management

***STUDENTS MENTORED:***

**Current:**

\*-Committee Chair

Ph.D.:

Justin French (WFSC)\*  
Joseph Modarelli (VTPB)  
Samarth Mathur (Purdue)

Master's:

Danielle Belleny (Tarleton State University)

Non-Thesis Master's:

Kerrie Farrar (WFSC)\*  
Allen Sohn (WFSC)\*

Undergraduate:

Jacob Locke (WFSC)

**Past:**

Danielle Miller (Undergraduate WFSC)  
Randall Schlaudt (Undergraduate WFSC)  
Audrey Sepulveda (MS)  
Amanda Selnick (MWS)  
Kyle Brewer (TAMU-K MS)  
Nicholas Broman (MS)\*  
C. Zachary Johnson (Undergraduate WFSC)  
Melissa Hopkins (Undergraduate WFSC)  
Jessica Sannwaldt (Undergraduate WFSC)  
Brittany Stamp (Undergraduate WFSC)  
Stoney Newberry (Undergraduate WFSC)

## ***PROFESSIONAL AFFILIATIONS AND SERVICE:***

### **Active Memberships:**

The Wildlife Society  
Texas Chapter of The Wildlife Society  
American Society of Mammalogists  
Texas Society of Mammalogists  
International Wildlife Damage Management Association  
Society for Range Management  
Czech Academy of Arts and Sciences

### **Professional Leadership:**

Newsletter Chairman, Texas Chapter of the Wildlife Society 2014–Present

Committee Member, Search Committee for Vertebrate Behaviorist, Dept. of Wildlife and Fisheries Sciences, Texas A&M University, 2015–2016

Committee Member, Awards Nomination Committee, Dept. of Wildlife and Fisheries Sciences, Texas A&M University, 2016–

Committee Member, Reversing the Decline of Quail in Texas Grant Selection Committee, 2015, 2017

Member, Texas Animal Health Commission Cervid Health Advisory Council, 2016–

### **Manuscript Review:**

Journal of Wildlife Management  
Wildlife Society Bulletin  
Journal of Fish and Wildlife Management  
Wildlife Biology  
Ecological Modelling  
Wildlife Biology in Practice  
PLoS One  
Mammal Study

## ***ACADEMIC AND PROFESSIONAL HONORS:***

Presidential Honor Roll- University of Texas at Austin (12 semesters)

Graduated *Summa cum Laude* – 2008

**Invited Paper:** Tomeček, J.M. 2008. The Adaptation and Expression of Cultural Identity in Texas Czech Folk Music. *Czech-Moravian Musicological Annual Conference, Masaryk University, Brno, Czech Republic*

**Invited Paper:** Tomeček, J.M. 2009. Preservation of Texas Czech Ethnic Identity through Oral History. *Annual Meeting of the Czech Academy of Arts and Sciences-North America, Texas A&M University, College Station, Texas*

**Invited Paper:** Tomeček, J.M. 2010. Oral Tradition and the Maintenance of Ethnic Identity in the Texas Czech Diaspora. *XIX International Oral History Association Global Conference, Charles University, Prague, Czech Republic*

**Invited Paper: Tomecek, J.M.** and M.J. Bodenchuk. 2017. A Lone Star State of Mind: A History and Approach to the Management of Wild Pigs in Texas. 71<sup>st</sup> Conference of the Southeastern Association of Fish and Wildlife Agencies. Louisville, KY. 28–31 October 2017.

**Honor Society Memberships:**

Phi Beta Kappa (Member)

Phi Beta Phi (Member)

Gamma Sigma Delta (Member)

***INTERNATIONAL INVOLVEMENT:***

**Invited Talk:**

Bi-national Wildlife Management Symposium (2017) in Alpine, Texas

**Participation:**

International Wildlife Damage Management Consortium (2016–)

**Coordination:**

Translation and dissemination between Mexico and USA on materials related to Chronic Wasting Disease and Vampire Bats.