**Quail 8 Preliminary Schedule**
*Wednesday July 26, 2017*

**SUNSPHERE Poster Session Evening Social**

- **Evaluation of Land Restoration Practices on Northern Bobwhite Productivity in North-Central Texas: Preliminary Results** — Danielle Belleny
- **Summer Survival of Translocated Northern Bobwhite in the New Jersey Pine Barrens: Preliminary Results** — Phillip Coppola
- **A Method for Setting Northern Bobwhite Population and Habitat Objectives for Large Landscape Partnerships** — Stephen DeMaso
- **Landscape-Scale Geospatial Assessment of Open Pine and Natural Grassland Condition for Northern Bobwhite in the Gulf Coastal Plains and Ozarks** — Kristine Evans
- **Utility of Fine Resolution Land Cover Data for Modeling Northern Bobwhite Abundance in the Oaks and Prairies of Oklahoma** — James Giocomo
- **Data-Driven Planning for the Conservation of Grassland Birds in the Central Hardwoods Bird Conservation Region** — Larry Heggemann
- **Evaluating Temporal Differences in Land Cover: Implications for Managing Bobwhite at the Landscape-Scale in Virginia** — Marc Puckett
- **An Analysis of the Interactions between Weather and Land Use on Midwestern Gamebird Populations Using Historical Data** — Amanda R. Lipinski
- **Response of Grassland Birds to Varying Agricultural Effort at Different Spatial Scales in 20 Texas Counties from 2013 to 2016** — Anna Matthews
- **Impacts of Habitat Fragmentation on Northern Bobwhites in the Gulf Coast Prairie Landscape Conservation Cooperative** — Katherine S. Miller
- **Partnering for Quail in South Carolina: A Cooperative Approach Making a Difference** — Jordan S. Nanney
- **Connecting Land Ethics and Entrepreneurship Through Experiential Learning in a Quail-Centric Outdoor Education Program** — Kelly S. Reyna
- **Influence of Northern Bobwhite Nest Site Selection on Nest Survival in an Agricultural Landscape** — Andy D. Richardson
- **Effects of Growing Season Fire on Northern Bobwhite Nest Site Selection and Survival** — Sarah B. Rosche
- **Effects of Source Population and Release Strategy on Survival and Dispersal of Translocated Scaled Quail in the Rolling Plains of Texas** — Rebekah E. Ruzicka
- **Triple Brood Production by Northern Bobwhites** — D. Clay Sisson
- **Distance Sampling to Assess Post-grazing Northern Bobwhite Recovery in South Texas** — Rachel A. Smith
- **Winter Survival and Habitat Selection by Translocated Northern Bobwhite in the New Jersey Pine Barrens: Preliminary Results** — Kaili R. Stevens
- **Automated Identification and Mapping of Woody Habitat Using Digital Ortho Imagery** — M. Keith Wethington
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<tr>
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<tr>
<td>8:00 AM</td>
<td>Welcome</td>
<td>Ed Carter</td>
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<tr>
<td>9:00 AM</td>
<td><strong>Progress of the National Bobwhite Conservation Initiative</strong></td>
<td>Donald F. McKenzie</td>
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<td><strong>Update on Western Quail Management Plan</strong></td>
<td>Casey J. Cardinal</td>
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<td><strong>Monitoring Northern Bobwhite Populations Reduces Uncertainty About Management Effectiveness: A Paradigm of Empiricism and Hope</strong></td>
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<td><strong>A Focused Habitat Approach to Northern Bobwhite Restoration in Kentucky</strong></td>
<td>John J. Morgan</td>
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<td><strong>Fall Quail Densities on Public Land in Missouri: A Decade of Monitoring</strong></td>
<td>Beth A. Emmerich</td>
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<td>12:00 PM</td>
<td><strong>Effects of Broad-Scale Conservation on Northern Bobwhite Populations in Agricultural Landscapes</strong></td>
<td>John M. Yeiser</td>
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<td><strong>Response of Northern Bobwhites to Habitat Improvement on Private Lands in the Rolling Plains of Texas</strong></td>
<td>C. Brad Dabbert</td>
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<td><strong>Population Response of Three Quail Species to Habitat Restoration in South Texas</strong></td>
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<td>3:00 PM</td>
<td><strong>Break</strong></td>
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## Quail 8 Preliminary Schedule

**Thursday July 27, 2017**

<table>
<thead>
<tr>
<th>CUMBERLAND ROOM</th>
<th>LECONTE ROOM</th>
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<tbody>
<tr>
<td>Bobwhite Seasonal Climate</td>
<td>Bobwhite Ecology</td>
<td>Bobwhite Restoration - Approaches and Theory</td>
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<tr>
<td><strong>Moderator:</strong> Jeff Lusk</td>
<td><strong>Moderator:</strong> Philip Coppola</td>
<td><strong>Moderator:</strong> Jeffrey G. Whitt</td>
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### 3:30 PM

- **Effect of Temperature and Wind on Metabolism of Northern Bobwhite in Winter**
  - L. Wes Burger, Jr.
- **Comparing the Accuracy of Egg Candling and Egg Floatation to Estimate the Hatching Date of Northern Bobwhite Clutches**
  - Byron R. Buckley
- **The Role of Joint Ventures in Northern Bobwhite Conservation**
  - Stephen J. DeMaso

### 3:50 PM

- **Temporal and Spatial Assessment of Usable Space and Cover Type Interspersion for Northern Bobwhites on Private Farmlands in Southwestern Ohio**
  - Robert J. Gates
- **Genetic Diversity and Relatedness of Northern Bobwhite Coveys in South Texas**
  - Katherine S. Miller
- **Horizontal Integration of Strategic Habitat Conservation for Declining Grassland Wildlife Population in the Oaks and Prairies Joint Venture**
  - James Giocomo

### 4:10 PM

- **Breeding Season Microclimate Assessment for Northern Bobwhite in Areas of Experimental Habitat Manipulation on a Reclaimed Surface Mine Site**
  - Donald M. Yow
- **Breeding Season Survival and Nesting of Northern Bobwhite on Native Prairie Versus Traditionally Managed Conservation Areas in Southwestern Missouri**
  - Thomas R. Thompson
- **Long-Term Population Stability in the Greater Red Hills Region Amidst Range-Wide Declines: A Case for Integrated Management**
  - Theron M. Terhune, II

### 4:30 PM

- **Do Movement Patterns and Habitat Use Differ Between Optimal and Suboptimal Sized Northern Bobwhite Coveys?**
  - Christopher K. Williams
- **Using First Passage Time Analysis to Identify Foraging Patterns of the Northern Bobwhite**
  - Diana J. McGrath
- **Molecular Genetics of New World Quails: Messages for Managers**
  - Damon Williford

### Reception

This workshop, provided by Dr. Dale Rollins of Texas A&M University, is an opportunity to learn how to locate and remove eyeworms from the eyes of quail. The workshop will be held at the University of Tennessee College of Veterinary Medicine (UT-CVM) and will last approximately three hours. Dr. Alison Watson, UT-CVM, will supervise laboratory work. Transportation will be arranged from the Holiday Inn to UT-CVM and back, and all necessary supplies and equipment will be provided.

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**25 person limit, check Registration Desk for availability.**
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<tr>
<th>Time</th>
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</table>
| 8:00 AM | Statistical Population Reconstruction Using Wings from Harvested Northern Bobwhites Can Inform Management
  Theron M. Terhune, II | Factors Influencing Northern Bobwhite Hunter Success on a Public Wildlife Management Area in Kentucky
  Jarred M. Brooke | National Bobwhite Conservation Initiative Focus Area Monitoring in the 2C Focus Area, Missouri
  Beth A. Emmerich | Lessons Learned and a Five-Year Plan to Move Masked Bobwhite Conservation Forward
  Lacrecia A. Johnson |
| 8:20 AM | Comparison of Dog Surveys and Fall Covey Surveys in Estimating Fall Population Trends of Northern Bobwhite
  Evan P. Tanner | Refining the Hunting Zone of Hunter-Covey Interface Models
  James A. Martin | Response of Northern Bobwhite to Longleaf Pine Ecosystem Enhancement Through the State Wildlife Grant Program
  Adam B. Butler | Conservation Status of the Masked Bobwhite in Sonora, Mexico
  David Garcia-Solorzano |
| 8:40 AM | The Efficacy of GoPro Cameras to Account for Northern Bobwhites Flushed but Undetected During Aerial Surveys
  Andrea Bruno | Hunter-Covey Interactions Using Pointing Bird Dogs
  Theron M. Terhune, II | An Evaluation of Northern Bobwhite Conservation Research: A Call for Large-Scale Studies
  Kelly S. Reyna | Ranges and Movements of Montezuma Quail in Southeast Arizona
  Pedro M. Chavarria |
| 9:00 AM | Use of Spring Whistle Counts to Predict Northern Bobwhite Relative Abundance
  D. Clay Sisson | Evaluating the Impacts of Hunting Paths on Northern Bobwhite Survival, Economic Costs, and Hunter Satisfaction
  W. Seth Wood | Uncertainty and Entanglement of Habitat Loss and Fragmentation Effects in the Management of Northern Bobwhite
  James A. Martin | Changes in Habitat Use of Montezuma Quail in Response to Tree Canopy Reduction in the Capitan Mountains of New Mexico
  Ryan S. Luna |
| 9:20 AM | Retention and Efficacy of Citizen Scientist Volunteers of the Texas Quail Index
  Kelly S. Reyna | Evaluating Hunting Success of Pen-Reared and Wild Northern Bobwhite in a Reclaimed Kentucky Mineland
  John M. Yeiser | Detecting Northern Bobwhite Habitat in Semi-Arid Rangeland Using LANDSAT Imagery
  Jeffrey G. Whitt | Survival Demographics of Montezuma Quail in Southeast Arizona
  Pedro M. Chavarria |
| 9:40 AM | Estimates of Northern Bobwhite Neonate Survival
  Theron M. Terhune, II | Effect of Field Trials on Northern Bobwhite Survival and Hunt Quality on Dixie Plantation
  D. Clay Sisson | The Law of Interspersion and the Principle of Edge: Old Arguments and a New Synthesis
  Mark D. McConnell | Breeding Season Space Use and Habitat Selection of Adult Female Scaled and Gambel’s Quail in West Texas
  Richard Temple |
<p>| 10:00 AM | BREAK |</p>
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| 10:30 AM  | **Landscape Features Affecting Northern Bobwhite Predator-Specific Nest Failures in the Southeastern United States**  
John P. Carroll | **Foraging Behavior of Northern Bobwhites in Relation to Resource Availability**  
William E. Palmer | **Parent-Reared Bobwhite Survival in the Texas Rolling Plains**  
Mark A. Thomas | **Efficacy of a Soft Release Strategy for Translocating Scaled Quail in the Rolling Plains of Texas**  
Rebekah E. Ruzicka |
| 10:50 AM  | **Habitat, Climate, and Raptors as Factors in the Northern Bobwhite Decline: A Multi-Scale Analysis**  
John T. Edwards | **Effects of Supplemental Feeding on Breeding-Season Home Ranges and Resource Selection of Northern Bobwhites**  
Shane D. Wellendorf | **The Effect of Age-at-Release on Survival of Bobwhite Parent-Reared Chicks**  
Kyle D. Lunsford | **Evaluation of Population Indices and Estimators for Scaled Quail in the Rolling Plains of Texas**  
Bradley W. Kubecka |
| 11:10 AM  | **Effect of Meso-Mammal Nest Predator Activity on Northern Bobwhite Nest Successes**  
Alexander L. Jackson | **Genetic Structure of Northern Bobwhite in the Rolling Plains**  
Peter E. Schlichting | **Testing Northern Bobwhite Reintroduction Techniques in the Northern Edge of Their Range**  
Christopher K. Williams | **Survival and Nesting Ecology of Scaled Quail in the Trans-Pecos, Texas**  
Richard Temple |
| 11:30 AM  | **Patch Size and Nest Density Influence Nest Survival**  
Victoria Simonsen | **Effects of Tanglehead Expansion on Bobwhite Habitat Use in South Texas**  
John T. Edwards | **Evaluating Two Trap-and-Release Methods for Bobwhites**  
Theron M. Terhune, II | **Population Trends and a Revised Management Plan for Quail in California**  
Katherine S. Miller |
| 11:50 AM  | **AWARDS LUNCHEON**  
Moderators: Beth A. Emmerich And Kelly S. Reyna, NBTC Science Subcommittee | | | |
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<td>2:00 PM</td>
<td>Northern Bobwhite Nest Site Selection in Field Borders  &lt;br&gt; Danielle Berger</td>
<td>Retrospective Summary of Free-Ranging, Northern Bobwhite Submissions to the Southeastern Cooperative Wildlife Disease Study (1982-2015)  &lt;br&gt; Roger D. Applegate</td>
<td>Contributions of Translocation to Northern Bobwhite Population Recovery  &lt;br&gt; D. Clay Sisson</td>
<td>Home Range and Movements of Northern Bobwhite on South Texas Rangelands  &lt;br&gt; Katherine S. Miller</td>
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<td>2:20 PM</td>
<td>Use of Extinguish Plus™ to Reduce Red Imported Fire Ants and Increase Northern Bobwhite Abundance  &lt;br&gt; Nova J. Silvy</td>
<td>Geographic Survey of Oxyspirura Petrowi Among Northern Bobwhites in the United States  &lt;br&gt; Bradley Kubecka</td>
<td>Northern Bobwhite Habitat Management: Vegetation and Arthropod Responses to Brush Reduction by Grubbing and Stacking  &lt;br&gt; Mark J. Wiley  &lt;br&gt; Carter G. Crouch</td>
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<td>Impacts of Red Imported Fire Ants on Northern Bobwhite Nest Survival  &lt;br&gt; Angelina M. Haines</td>
<td>A Brief History of Insecticides and Quail  &lt;br&gt; Amanda Gobeli</td>
<td>Habitat Space Used by Northern Bobwhites and Texas Tortoises on South Texas Rangelands  &lt;br&gt; Ross O. Couvillon</td>
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<td>3:15 PM</td>
<td>Closing Remarks  &lt;br&gt; The Importance of Ecological, Landscape, and Social Context to Quail Management  &lt;br&gt; Frank R. Thompson, III  &lt;br&gt; Research Wildlife Biologist, United States Forest Service, Northern Research Station, Columbia, Missouri</td>
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<td>4:15 PM</td>
<td>Conference Closing  &lt;br&gt; NBCI Staff</td>
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TO THE SUNSPHERE:
Exit Park View Lobby and walk left along Worlds Fair Park Drive.

FROM LOBBY LEVEL:
Exit main entrance and walk right. Turn right on Clinch Avenue and cross at crosswalk.

Elevator access on both levels.

★ = REGISTRATION  ● = SPEAKER PREP ROOM
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<td>Berger, Danielle</td>
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<td>Factors Influencing Northern Bobwhite Hunter Success on a Public Wildlife Management Area in Kentucky</td>
<td>Brooke, Jarred M.</td>
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<td>Comparing the Accuracy of Egg Candling and Egg ation to Estimate the Hatching Date of Northern Bobwhite Clutches</td>
<td>Buckley, Byron R.</td>
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<td>LR</td>
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<td>Effect of Temperature and Wind on Metabolism of Northern Bobwhite in Winter</td>
<td>Burger, Jr., L. Wes</td>
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<td>Response of Northern Bobwhite to Longleaf Pine Ecosystem Enhancement Through the State Wildlife Grant Program</td>
<td>Butler, Adam B.</td>
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<td>SR</td>
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<td>Update on Western Quail Management Plan</td>
<td>Cardinal, Casey J.</td>
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<td>Northern Bobwhite Habitat Management: Vegetation and Arthropod Responses to Brush Reduction by Grubbing and Stacking</td>
<td>Crouch, Carter G.</td>
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<td>Response of Grassland Birds to Varying Agricultural Effort at Different Spatial Scales in 20 Texas Counties from 2013 to 2016</td>
<td>Matthews, Anna</td>
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<td>The Law of Interspersion and the Principle of Edge: Old Arguments and a New Synthesis</td>
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<td>Population Trends and a Revised Management Plan for Quail in California</td>
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<td>Impacts of Habitat Fragmentation on Northern Bobwhites in the Gulf Coast Prairie Landscape Conservation Cooperative</td>
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<td>An Evaluation of Northern Bobwhite Conservation Research: A Call for Large-Scale Studies</td>
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<td>Connecting Land Ethics and Entrepreneurship Through Experiential Learning in a Quail-Centric Outdoor Education Program</td>
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<td>Influence of Northern Bobwhite Nest Site Selection on Nest Survival in an Agricultural Landscape</td>
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<td>Efficacy of a Soft Release Strategy for Translocating Scaled Quail in the Rolling Plains of Texas</td>
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<td>The Importance of Ecological, Landscape, and Social Context to Quail Management</td>
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<td>Do Movement Patterns and Habitat Use Differ Between Optimal and Suboptimal Sized Northern Bobwhite Coveys?</td>
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