

Cedar Shore Resort and Convention Center
Oacoma, South Dakota

29 February - 2 March, 2016

MONDAY, 29 FEBRUARY

11:00 1:00 **Registration and Lunch (sponsored by Truax Company)**

1:00 1:15 **Welcome and Introductions**

Special Session: A Look at the Past, Present, and Future in Wildlife Conservation

1:15 1:30 **History of South Dakota Chapter of The Wildlife Society**
John Kanta*, SDTWS President, Nathan Baker, SDTWS President-Elect

1:30 2:00 **TWS - Adapting to Challenges and Opportunities in the Wildlife Profession**
Gary E. Potts, President, The Wildlife Society

2:00 2:30 **Musings on How the Mix of Science, Politics, and Common Sense Drives Decision Making**
Kelly Hepler, Secretary, South Dakota Game, Fish and Parks

2:30 2:50 **Back from the Brink – Some Endangered Species Recovery Stories that touch South Dakota**
Eileen Dowd-Stukel, Senior Wildlife Biologist – Wildlife Diversity Coordinator, South Dakota Game, Fish and Parks

2:50 3:10 **BREAK**

- 3:10 3:30 **Changes in Bird Records Reporting and the Development of the Official Checklist of South Dakota Birds**
Dave Swanson, Professor and Director, Missouri River Institute,
University of South Dakota
- 3:30 3:50 **SD Giant Canada Goose Restoration, 1962 – 1998**
Paul Mammenga, Rocco Murano, and Spencer Vaa* - Retired South
Dakota Game, Fish and Parks Waterfowl Biologist
- 3:50 4:30 **Wildlife Research and Management Methods in the 21st Century:
Where do Unmanned Aircraft Fit In?**
Dominique Chabot* and David M. Bird, Avian Science and Conservation
Centre of McGill University
- 5:00 5:30 **Social**
- 5:30 **Supper**
- 6:30 **Fundraising Auction**
- 8:00 10:00 **Live Band (The Sidehackers)**

TUESDAY, 1 MARCH

- 8:00 8:30 **Committee meetings**
(This is scheduled time to allow for standing and special committees to
meet if desired.)
- 8:30 12:00 **Annual Chapter Business Meeting**
- 12:00 1:00 **Luncheon**

Special Session: Green Fire Video

- 1:00 3:00 **Aldo Leopold and a Land Ethic for our Time, Green Fire Video**
Jed Meunier, WI DNR, Ecologist and Great-grandson of Aldo Leopold.
- 3:00 3:20 **BREAK**

Session One: Contributed Papers

- 3:20 3:40 **Update on Management of the Fort Pierre National Grassland**
Ruben Mares* and Dan Svingen

- 3:40 4:00 **Distribution of Native Habitats in Eastern South Dakota and Western Minnesota**
Pete Bauman*, Ben Carlson, Tanner Butler, Joe Blastick, and Cody Grewing
- 4:00 4:20 **Conserving the Plains and Prairie Pothole Ecoregions: A Land Relations Scale**
Lily Sweikert* and Larry Gigliotti
- 4:20 4:40 **Birds, Butterflies, Honey Bees, Dung Beetles, and Jackrabbits: Today's Coal-Mine Canaries: Inconceivable or Not!!**
Kenneth F. Higgins* and Lora B. Perkins
- 5:00 6:00 **Social**
- 6:00 7:00 **Supper**
- 7:00 8:00 **Keynote Speaker – “Conservation Matters”**
Shane Mahoney - Internationally recognized wildlife expert, conservationist, scientist, and thought leader. Former Executive Director of Sustainable Development and Strategic Science for the Government of Newfoundland and Labrador, Shane is now the founder and CEO of Conservation Visions Inc.
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- 8:00 8:30 **Award Presentations**

WEDNESDAY, 2 MARCH

Session Two: Contributed Papers

- 8:00 8:20 **Grassland Birds and Roads: Does Occurrence Differ with Road Type and Proximity to Roads?**
Kassondra Hendricks*, Kristel Bakker, and Chuck Dieter
- 8:20 8:40 **Community Associations of Grassland Birds on Grazed Mixed-Grass Prairie Occupied by Black-tailed Prairie Dogs**
Wyatt Mack*, Benjamin Geaumont, Torre Hovick, Amanda Lipinski, Ryan Limb, and Kevin Sedivec

- 8:40 9:00 **Species Composition and Plague Prevalence in Fleas from Small Mammals in Mixed Grass Prairies: Implications for the Maintenance of Enzootic Plague**
Lauren P. Maestas* and Hugh B. Britten
- 9:00 9:20 **Elk Resource Selection at Parturition Sites, Black Hills, South Dakota**
Chadwick P. Lehman*, Mark A. Rumble, Christopher T. Rota, Benjamin J. Bird, Dillon T. Fogarty, and Joshua J. Millspaugh
- 9:20 9:40 **Predator Corridor use in an Aspen-Dominated (*Populus* spp.) Forest at the Olson's Bison Conservation Ranches, Manitoba, Canada.**
Ryan N. Dufour*, Joshua L. Leonard, Jonathan A. Jenks, Troy W. Grovenburg, Lora B. Perkins, Duane J. Lammers
- 9:40 10:00 BREAK
- 10:00 10:20 **A New Approach: Capturing Neonatal Bison (*Bison bison*) with a Net Gun from a Utility Terrain Vehicle**
Joshua L. Leonard*, Will M. Inselman, Jonathan A. Jenks, Lora B. Perkins, Troy W. Grovenburg, Duane J. Lammers
- 10:20 10:40 **Evaluation of Waterfowl Use and Thermal Characteristics of Alfalfa and Perennial Grasses in Eastern South Dakota**
Neal Martorelli* and Joshua Stafford
- 10:40 11:00 **Novel Contributions of Wetlands in South Dakota's Intensively Farmed Landscapes for Spring-Migrating Ducks**
Adam Janke*, Micheal Anteau, and Joshua Stafford
- 11:00 11:20 **Evaluation of Anthraquinone as a Deterrent to Canada Goose Damage on Soybeans**
Matt Gottlob*, Charles Dieter, Joshua Stafford, Scott Werner
- 11:20 11:40 **Current Status of Falcon Populations in Saudi Arabia**
Albara M. Binothman*, Shubham Datta, Will M. Inselman, Jonathan A. Jenks, Mohammed Y. Shobrak, Kent C. Jensen, and Troy W. Grovenburg
- 11:40 12:00 **Present Student and Open Presentation Awards
Gun Raffle Drawing
Closing Comments and Adjourn Meeting**

* indicates presenter

Contributed Posters:

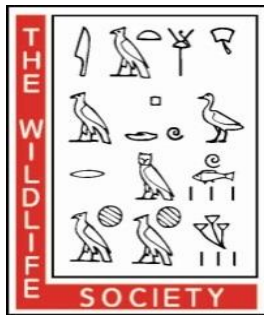
Associating Allelic Diversity and Mycoplasma Ovipneumoniae Shedding Histories in Bighorn Sheep

Austin J. Wieseler*, Brandi L. Felts, Justin E. Jensen, Daniel P. Walsh, Thomas E. Besser, E. Frances Cassirer, Kristine L. Pilgrim, Michael K. Schwartz, Troy W. Grovenburg, Michael G. Gonda, and Jonathan A. Jenks

Dynamics of Contour Feather Molt among Spring-Migrating Blue-Winged Teal

Alyse E. Homola*, Adam K. Janke, Michael J. Anteau, Joshua D. Stafford

THE WILDLIFE SOCIETY



Founded in 1937 as The Society of Wildlife Specialists, [The Wildlife Society](#) has evolved into an international nonprofit organization of professional wildlife ecologists and managers. Members number over 10,000 from 40 different countries, and include administrators, biologists, conservation officers, educators, managers and researchers.

The objectives of TWS are to:

1. Promote sound stewardship of wildlife resources and the environments upon which wildlife and humans depend;
2. Undertake an active role in preventing human-induced environmental degradation;
3. Increase awareness and appreciation of wildlife values; and
4. To seek the highest standards in all activities of the wildlife profession.

SOUTH DAKOTA CHAPTER OF THE WILDLIFE SOCIETY



The South Dakota Chapter of TWS (SDTWS) was initiated on February 19, 1966 with 56 charter members. SDTWS is affiliated with the [Central Mountains and Plains Section](#), one of eight subdivisions of TWS. The full membership of SDTWS meets annually in the spring to exchange scientific information through presented papers, debate current issues in wildlife management and land use, and conduct chapter business. The chapter's Executive Board of Directors, consisting of President, Past-President, President-Elect, Secretary-Treasurer, and two standing board members meet at least 4 times each year to discuss issues that don not require full chapter approval. The chapter also communicates with its members through a newsletter, *The Prairie Voice*, published within 30 days of Executive Board meetings. SDTWS has a current membership of 171 people interested in the welfare of South Dakota wildlife.

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