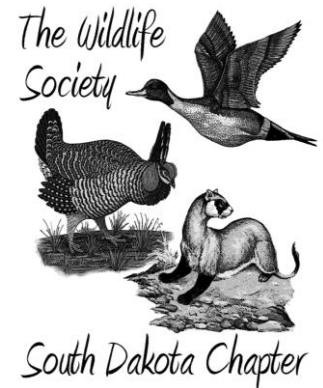


THE WILDLIFE SOCIETY
South Dakota Chapter
Annual Meeting Program

Cedar Shore Resort and Convention Center
Oacoma, South Dakota

23-25 February 2015



MONDAY, 23 FEBRUARY

- 11:00a 1:00p **Registration and Lunch**
1:00 1:05 **Welcome and Introductions**

Special Session: *Environmental Contaminants: Threats to Wildlife*

- 1:05 2:00 **Considerations for Risk Assessment Procedures of RNAi-based Crops**
Chrissy Mogren, USDA-ARS, North Central Agriculture Research Laboratory
- 2:00 2:20 **Eagle Exposure Assessment for Anticoagulants, Lead and Mercury**
Matthew S. Schwarz, Environmental Contaminants Specialist, USFWS
- 2:20 2:50 **Development of Preventive Measures to Minimize Harmful Impacts to Wildlife at a Proposed In Situ Uranium Mine**
Stan Michals, Energy and Minerals Coordinator, South Dakota Game, Fish and Parks
- 2:50 3:10 **BREAK**
- 3:10 4:00 **Back to the Future!- the past, present, and future of contaminants and wildlife**
Brian Hiller, Past-Chair, TWS Wildlife Toxicology Working Group
- 4:00 4:45 **The Basics of Oil Spills and Wildlife**
Jessica Johnson, Environmental Contaminants Specialist, USFWS
- 4:45 5:00 **BREAK**
- 5:00 6:00 **Student-Professional Mixer**
6:00 **Dinner and Social**
7:00 **Fundraising Auction**

TUESDAY, 24 FEBRUARY

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

Workshop: Falconry

- 1:00 1:20 **Falconry Regulations and Permitting Process**
Casey Heimerl, Wildlife Biologist, SDGFP
- 1:20 3:00 **Falconry Hunting and Training Techniques**
Mike Erickson, Master Falconer
- 3:00 3:30 **BREAK**

Session One: Contributed Papers

- 3:30 3:50 **Use of Natural Resource Damage Assessment and Restoration (NRDAR) in South Dakota: An update on the Whitewood Creek case and possible future cases**
Matthew Schwarz, Shelly Deisch
- 3:50 4:20 **Evaluation of Agricultural Tile Drainage Exposure and Effects on Wetland Communities**
Drew Davis*, Matthew Schwarz, and Jacob Kerby
- 4:20 4:40 **Influence of Mountain Pine Beetle Epidemic on Merriam's Turkey Winter Habitat; Management Implications for Current and Future Condition**
Chadwick Lehman*, Michael Battaglia, Mark Rumble, Todd Mills, and Lance Asherin
- 4:40 5:00 **The Importance of Flea Prevalence and Aggregation to the Sylvatic Plague Cycle on Black-Tailed Prairie Dog Colonies East of the "Plague Line"**
Erica Mize*, and Hugh Britten
- 5:00 5:30 **BREAK**
- 5:30 6:00 **Social**
- 6:00 7:00 **Dinner**
- 7:00 8:00 **Guest Speaker**

Dr. Lisa Williams, Environmental Contaminants Branch Chief, USFWS
Neonicotinoid Insecticides: Increasing Usage and Potential Threats

- 8:00 8:30 **Awards**

WEDNESDAY, 25 FEBRUARY

Session Two: Contributed Papers

- 8:00a 8:20 **Investigating Cause-Specific Mortality, and Disease of Bighorn Sheep (*Ovis canadensis*) Inhabiting the Elk Mountain Region of South Dakota and Wyoming**
Brynn Parr*, Jonathan Jenks, John Kanta, Joe Sandrini, and Dan Thompson
- 8:20 8:40 **Status and Distribution of Franklin's and Richardson's ground squirrels in Eastern South Dakota**
Tait Ronningen* and Charles Dieter
- 8:40 9:00 **Assessing the Status of Reintroduced Swift Fox in Southwestern South Dakota, Pup-Rearing and Dispersal 2014**
Sarah Nevison*, Joshua Stafford, Eddie Childers, and Jonathan Jenks
- 9:00 9:20 **Classification and Characterization of Dakota Skipper Habitat and Prediction of Potential Habitat**
Diane Narem*, Lan Xu, Gary Larson, and Dave Ode
- 9:20 9:40 **Long-Term Spatial Heterogeneity in Mallard Distribution in the Prairie Pothole Region**
Adam Janke
- 9:40 10:00 **Time-Lapse Video as a Method for Assessing Swainson's Hawk (*Buteo swainsoni*) Diets During the Breeding Season**
Will Inselman*, Shubham Datta, Jonathan Jenks, and Troy Grovenburg
- 10:00 10:30 **BREAK**
- 10:30 10:50 **Assessing Direct Mortality to Avifauna From Wind Energy Facilities in the Dakotas**
Brianna Graff*, Troy Grovenburg, Kent Jensen, and Jonathan Jenks
- 10:50 11:10 **Evaluation of Anthraquinone as a deterrent to Canada goose damage on soybeans with possible application to other crops.**
Matt Gottlob*, Charles Dieter, and Joshua Staff
- 11:10 11:30 **Reproduction Ecology of Ferruginous Hawk in the Northern Great Plains**
Shubham Datta*, Will Inselman, Jonathan Jenks, Kent Jensen, Chris Swanson, and Troy Grovenburg
- 11:30 11:50 **Changes in Wetland Plant Communities and Wetland Conditions in the Prairie Pothole Region After 50 Years**
Ryann Cressey*, Jane Austin, and Joshua Stafford
- 11:50 12:00 **Wrap Up and Adjourn the Meeting**

* indicates presenter