

2017  
NDCTWS ANNUAL CONFERENCE  
FEBRUARY 8 – 10, 2017  
BAYMONT INN AND SUITES, MANDAN, NORTH DAKOTA

“2017 – IN THE EYE OF THE STORM”

**WEDNESDAY, FEBRUARY 8, 2017**

- 8:00-10:30 Executive Board Meeting  
10:00-5:00 Registration  
12:00-1:00 Lunch (on your own)  
1:00-1:10 Welcome and Opening Remarks – Pier 7  
Bill Jensen, President, NDCTWS
- Session One – Pier 7  
Session Moderator: Phil Mastrangelo, Retired-USDA, Wildlife Services.
- 1:10-1:55 **History and background of trapping BMPs and US involvement with European Union fur trade regulation** – Ed Bogges (Retired, MNDNR Fish & Wildlife Director)
- 1:55-2:40 **AFWA Trapping Matters Overview** – Bryant White (AFWA)
- 2:40-3:00 **North Dakota Cooperative Fur Harvester Education Program** – Rick Tischaeyer (President, ND Fur Hunters and Trappers Assn.)
- 3:00 – 3:10 **Break**
- Session Two – Pier 7  
Session Moderator: Kyle McLean, Northern Prairie Wildlife Research Center
- 3:10-3:30 **Drivers of bat resource selection in working grassland landscapes** – Rebecca Trubitt (NDSU), Torre Hovick (NDSU), and Erin Gillam (NDSU).
- 3:30-4:10 **Overview of Neonicotinoids and their prevalence and effects in the environment** – Jonathan Lundgren (Ecdysis Foundation: Blue Dasher Farm Initiative)
- 4:10-4:30 **Understanding the impacts of land use and USDA conservation programs on pollinators in the Northern Great Plains** – Clint Otto (USGS-NPWRC), et al.

- 4:30-4:50            **Conservation of native plant-pollinator interactions in grassland working landscapes** – Cayla Bendel (NDSU), Torre Hovick (NDSU), Ryan Limb (NDSU), Jason Harmon (NDSU).
- 4:50                    Announcements
- 5:00-6:15            UND Alumni Social – Executive 1  
6:00-7:00            Fund Raising Social – Pier 7  
7:00-10:00          Fund Raising Buffet and Auction – Pier 7

## Thursday, February 9, 2017

- 8:00                    Announcements – Pier 7
- Session Three – Pier 7  
Session Moderator: Mike Anteau, Northern Prairie Wildlife Research Center
- 8:15-9:30            The Lightning Round (3-min project overviews to introduce posters)
- 9:30-10:10          Poster Viewing – Nautilus
- Session Four – Pier 7  
Session Moderator: Matt Olsen, Pheasants Forever
- 10:10-10:30        **Ungulate Migrations in Wyoming: Incorporating New Science into Wildlife Policy and Management** – Bob Lanka (WYGF) and Bill Rudd (Retired – WYGF).
- 10:30-10:50        **Impacts of Oil and Gas Development on Mule Deer in Western North Dakota** – Jesse Kolar (MTFWP).
- 10:50-11:10        **Survival and Reproduction of Moose in Northwestern North Dakota** – James Maskey, Jr. (UM) and Jason Smith (NDGFD).
- 11:10-11:30        **Chronic wasting disease in the Dakotas: lessons learned from long-term studies of elk at Wind Cave National Park** – Glen Sargent (NPWRC) and Margaret Wild (NPS).
- 11:30-11:50        **Predictive factors of satisfaction and success of North Dakota bow hunters** – Kristen Black (UND), William Jensen (NDGFD), Robert Newman (UND), and Jason Boulanger (UND).
- 11:50                    Announcements
- 11:55-1:05          Annual Student / Professional Luncheon – Nautilus

**Business Meeting (1:15-5:00) – Pier 7**

- 1:15-2:25 Old Business
- 2:25-2:45 Update from TWS – Bob Lanka, WY Game and Fish Dept.
- 2:45-3:00 Introduction of 2017 Executive Board Candidates and remarks from President-Elect Candidates.
- Call for nominations from the floor
- 3:00-3:30 Casting of ballots and poster viewing – Nautilus
- 3:30-5:00 New Business
- 6:00-7:00 Awards Social – Pier 7
- 7:00-10:00 Awards Banquet – Pier 7

## **Friday, February 10, 2017**

8:00 Announcements – Pier 7

Session Five – Pier 7

Session Moderator: Curt Francis, North Dakota Game and Fish Dept.

- 8:05-8:25 **Making up for the millennials: Google maps a time-saving technology for middle-management** – Colin Dovichin (USGS-NPWRC), Erin Roche (IDGF), Megan Ring (USGS-NPWRC), and Dustin Toy (USGS-NPWRC).
- 8:25-8:45 **TWS update to Membership** – Bob Lanka (WYGF)
- 8:45-9:15 **“Keeping all the Pieces” – video.** Mike McEnroe (NDWF) and Jan Swenson (BCA)
- 9:15-9:35 **Predation and parental care at blue-winged teal nests in North Dakota** – Nickolas Conrad (UND), John Palarski (UND), Patrick Chastan (UND), Sam Krohn (UND), Tanner Gue (DU), Kaylan Carrlson (DU), Ryann Cressey (DU), and Susan Ellis-Felege (UND).
- 9:35-9:55 **Fine scale evaluation of snow goose habitat degradation by use of an unmanned aircraft vehicle** – Andrew Barnas (UND), Christopher Felege (UND), Robert Newman (UND), Robert F. Rockwell (AMNH), and Susan Ellis-Felege (UND).

- 9:55-10:15            **Recruitment rates of fall-banded ducks are influenced by density dependent brood survival and alternate prey** – Hannah Specht and Todd Arnold, U of MN.
- 10:15-10:25           **Break**
- Session Six – Pier 7  
Session Moderator: Rick Warhurst, ND Natural Resources Trust
- 10:25-10:45           **Identifying smooth brome elongation in the Northern Tallgrass Prairie using growing degree days** – Lisa Preister (NDSU), Edward DeKeyser (NDSU) and Cami Dixon (USFWS).
- 10:45-11:05           **The impacts of cattail management on bird, plant, and amphibian communities in shallow wetlands in NW Minnesota** – Joshua Bruggman (UND), Susan Ellis-Felege (UND), Vanessa Lane (ABAG), Dave Rave, (MNDNR), Emily Hutchins (MNDNR), Jessica Dowler (USFWS), Gregg Knutson (USFWS), and Dan Svedarsky (UMN).
- 11:05-11:25           **Effects of climate change on prescribed fire seasons in North Dakota** – J. Dillon, D.A. (UND), McGranahan (NDSU), D. Toledo (USDA-ARS), B.J. Goodwin (UND), and K.A. Yurkonis (UND).
- 11:25-11:45           **Changes in CRP delivery** – Kevin Kading (NDGFD)
- 11:45                    Awards for best student presentation and best student poster
- 11:55                    Closing remarks and adjournment – Rick Nelson, President, NDCTWS

## Posters

1. **The effect of variable sand temperatures on least tern and piping plover parental nest behaviors on the Missouri River.** – Lindsay M. Wise (UND), Alicia K. Andes (UND), Susan N. Ellis-Felege (UND).
2. **Influence of afforestation on mixed-grass breeding bird communities.** – Craig Marshall (NDSU), Torre J. Hovick (NDSU), Benjamin Geaumont (NDSU-HREC), Scott L. Kronberg (USDA-ARS).
3. **Effects of fine-scale plant community structure on pollinator services and seed set in *Ratibida columnifera*.** – Leslie Yellow Hammer (UND), Sami E. Swartz (UND), Tiffany Huwe, Mia G. Park (UND), Brett J. Goodwin (UND), Kathryn A. Yurkonis (UND).

4. **Assessing the Impact of Neonicotinoids on the Emergence of Aquatic Invertebrates.** – Nate Williams (NDSU).
5. **Assessing the utility of active and passive pollinator sampling in studies of pollinator effectiveness at fine spatial scales.** – Sami E. Swartz (UND), Leslie Yellow Hammer, Kathryn A. Yurkonis (UND), Mia G. Park (UND).
6. **Evaluation of movements and habitat use of suburban striped skunks (*Mephitis mephitis*) in the Northern Great Plains.** – Anna Schneider (UND), Amy Gilbert (USDA-APHIS), Brett Goodwin (UND), Michael Niedzielski (UND), Jason Boulanger (UND).
7. **Assessment of Change Over Time at Lostwood National Wildlife Refuge Reference Condition Wetlands.** – Savannah Fritz (NDSU), Christina Hargiss (NDSU), and Edward Dekeyser (NDSU).
8. **Atmospheric conditions and their relationship to wildfire potential in the Northern Plains.** – Rebecca Anderson (UND), Aaron Kennedy (UND), Kathryn A. Yurkonis (UND).
9. **Plovers seek citizen scientists for long walks on the beach!** – Megan M. Ring (NPWRC), Erin A. Roche (NPWRC), Dustin L. Toy (NPWRC), Colin M. Dovichin (NPWRC) and Terry L. Shaffer (NPWRC).
10. **Shorebird Parental Behaviors in Response to Research Activity.** – Alicia K. Andes (UND), Terry L. Shaffer (NPWRC), Mark. H. Sherfy (NPWRC), Colin M. Dovichin (NPWRC), Susan N. Ellis-Felege (UND).
11. **Comparison of floral availability and pollinator use on managed grasslands in the Northern Great Plains.** – Benjamin L. Carlson (NPWRC), Susana Rios (NPWRC), Katie E. Lamke (NPWRC), Matthew D. Smart (NPWRC), Clint R.V. Otto (NPWRC).
12. **Avian Point Count Survey in Cassel Woods.** – Brady Jochim (NDSU) and Omani Luger (NDSU).
13. **Immunity mediated by phytochemical influence in honey bees (*Apis mellifera*).** – Micki Palmersheim (NDSU), Garrett Slater (NDSU), Bryan Helm (NDSU), George Yocum (NDSU), Julia Bowsher (NDSU).
14. **Tree swallows at the tree line.** – Teagan Skunberg (UJ), Patricia Martin (UJ), Robert F. Rockwell (AMNH), Kathleen Schnaars Uvino (UJ).
15. **Multi-scale analysis of grassland bird associations on a working landscape.** – Brian J. Chepulis (NDSU), Lawrence D. Igl (NPWRC), and E. Shawn Dekeyser (NDSU).
16. **The decline of the King: Are catastrophic mortality events on the wintering grounds influencing Monarch populations in the northern Great Plains?** – Lawrence D. Igl (NPWRC) and Wesley E. Newton (NPWRC).

17. **Using Camera Technology to Validate Waterfowl Nest Monitoring Protocols.** – Sam Krohn (UND), John Palarski (UND), Nickolas Conrad (UND), Ryann Cressey (DU), Kaylan Carrlson (DU), Tom Buhl (NPWRC), and Susan Ellis-Felege (UND).
18. **An Evaluation of elk movements in North Dakota** – Jacqueline Amor (UND), Jay Boulanger (UND), Bradley Rundquist (UND), Bill Jensen (NDGFD).
19. **The Neon Project in North Dakota** – A status update – Greg Cain (NEON).