

TUESDAY, 2 FEBRUARY 2016	
06:30 - 08:00	<i>Breakfast in Capital Ballroom</i>
08:10 - 08:20	Welcoming Address: Drs. Chris Williams, <i>University of Delaware</i> & Larry Hindman, <i>Maryland Department of Natural Resources</i>
<i>Capital Ballroom</i>	
08:20 - 09:40	A.1: Plenary
8:20	A.1.1: Plenary Dan Ashe The Migratory Bird Treaty at 100: Charting a Course for the Next Century of Bird Conservation (Dan Ashe*)
9:00	A.1.2: Plenary Jerome R. Serie & Robert J. Blohm Migratory Bird Treaty: Legacy and Foundation for Waterfowl Management in North America (Jerome R. Serie*, Robert J. Blohm*, David Sharp)
09:40 - 10:00	<i>Coffee break</i>
<i>Capital Ballroom</i>	
10:00 - 12:00	B.1: Waterfowl Legacies: Pioneering Diplomacy, Science, and Management: Celebrating 100 Years of the Migratory Bird Treaty Act (Organizer: Chris Williams)
10:00	B.1.1: Perry Management Research on Waterfowl Life Cycles, Populations and Energetics (Matthew C. Perry*)
10:25	B.1.2: Fredrickson A Century of Land Management Evolution: From Guess Work to Complex Decision-making in Highly Modified Landscapes Exhibiting Extreme Variability (Leigh H. Fredrickson*, Murray K. Laubhan, Kenneth Higgins, Sammy King)
10:50	B.1.3: Batt Shifting Paradigms for Prairie Habitat Conservation (Bruce Batt*, James K. Ringelman)
11:15	B.1.4: Sedinger, J. Eighty-five Years of Monitoring and Modeling Waterfowl Populations (James S. Sedinger*, Ray T. Alisauskas, James O. Leafloor)
11:40	B.1.5: Anderson Evolving Perspectives on Waterfowl Research and Conservation: Scale, System Integrity and Human Impacts (Michael G. Anderson*, David Trauger)
12:00 - 13:20	<i>Lunch break in Capital Ballroom</i>
<i>Capital ABC</i>	
13:20 - 15:20	C.1: Current Issues in the Conservation and Management of Sea Ducks (Organizer: Chris Dwyer)
13:20	C.1.1: Koneff Prioritizing Research and Monitoring to Improve Sea Duck Harvest Management (Mark D. Koneff*, Chris P. Dwyer, Guthrie S. Zimmerman, Kathleen K. Fleming, Paul I. Padding, Patrick K. Devers, Fred A. Johnson)

Oral Sessions

13:40	C.1.2: Dwyer	Defining Sea Duck Populations: What We Wish We Could Measure and How To Interpret What We Can Measure (John M. Pearce*, Paul. L. Flint, Sarah S. Sonsthagen)
14:00	C.1.3: Rothe	Understanding the Diverse Sea Duck Harvest Communities for Responsive Management and Conservation (Tom Rothe*, Liliana C. Naves)
14:20	C.1.4: McClellan	Identifying Areas of Importance for Sea Ducks Throughout Their Annual Cycle (Nic McLellan*, Tim Bowman, Sean Boyd, Shannon Badzinski, Christine Lepage, Scott Gilliland)
14:40	C.1.5: Silverman	Sea Duck Habitat Associations along the Atlantic Coast of the United States (Emily Silverman*, Anthony Roberts, Kyle Detloff)
15:00	C.1.6: Boyd	Pacific Harlequin Ducks are Altering their Molt Behavior (W. Sean Boyd*)
<i>Capital D</i>		
13:20 - 15:20	C.2: Foraging, Nutrition, and Energetics of Waterfowl: The Foundations of Habitat Management (Organizers: Scott McWilliams, Bruce Dugger)	
13:20	C.2.1: Heitmeyer	Energetics and Nutrition of Migrating and Wintering Dabbling Ducks – What Have We Learned in the Past 50 Years and Where Should Management be Headed (Mickey E. Heitmeyer*)
13:40	C.2.2: Heitmeier	continued
14:00	C.2.3: Lovvorn	Are Detailed Energetics Studies Needed to Assess Habitat Requirements? Allometry, Mechanistic Models, and Other Confounding Factors (James R. Lovvorn*, Susan E. W. De La Cruz, John Y. Takekawa, Samantha E. Richman)
14:20	C.2.4: Webb	An Empirical Evaluation of Landscape Energetic Models: Mallard and American Black Duck Space Use During the Non-breeding Period (William S. Beatty, Elisabeth B. Webb*, Dylan C. Kesler, Luke W. Naylor, Andrew H. Raedeke, Dale D. Humburg, John M. Coluccy, Gregory J. Soulliere)
14:40	C.2.5: Johns^	Influences of Individual Quality and Energetic Carry-Over Effects on Reproductive Success: Evidence from Dabbling Ducks (David W. Johns*, Robert G. Clark)
15:00	C.2.6: Williams	Improving Bioenergetic Carrying Capacity Estimates by Including Morphometrics in Cost of Thermoregulation (Christopher K. Williams*, Mark C. Livolsi, Scott R. McWilliams)

*Speaker; ^Student

<i>Senate</i>	
13:20 - 15:20	C.3: Breeding Ecology 1 (Chair: Joe Marty)
13:20	C.3.1: Hepp Importance of Reproductive Costs and Quality of Female Wood Ducks on Survival and Future Reproductive Success (Robert A. Kennamer*, Gary R. Hepp*, Bradley W. Alexander)
13:40	C.3.2: Dyson^ Habitat Selection and Survival of Female Wood Ducks and Ducklings at Long Point, Ontario (Matthew E. Dyson*, Ted Barney, Hugh A.L. Henry, Michael L. Schummer, Scott A. Petrie)
14:00	C.3.3: Hartke A Breeding Population Survey for Western Gulf Coast Mottled Ducks (Kevin M. Hartke*, Larry A. Reynolds, Kathy Fleming)
14:20	C.3.4: Carrlson Duck Brood Abundance in the Prairie Pothole Region of North and South Dakota (Kaylan M. Carrlson*, C. Tanner Gue, Johann A. Walker, Charles R. Loesch)
14:40	C.3.5: Eichholz Area Sensitivity of Productivity in Mixed Grass Prairie Upland Nesting Ducks (Mike Eichholz*, Ryan D. Haffel)
15:00	C.3.6: Feldheim Ecology of Breeding Mallards in California: a Synthesis of Existing Information, and the Challenges of Harvest Management at a Local Scale (Cliff L. Feldheim*, Joshua T. Ackerman, Joseph P. Fleskes, Shaun L. Oldenburger, Gregory S. Yarris)
<i>Caucus</i>	
13:20 - 15:20	C.4: Climate Change (Chair: Lena Vanden Elsen)
13:20	C.4.1: Guillemain Combined Effects of Climate Change and Fluctuating Habitat Quality on the Distribution of Ducks in Southern Europe (Matthieu Guillemain*, Jocelyn Champagnon, Claire A. Pernollet, Olivier Devineau, Johan Elmberg, François Cavallo, Grégoire Massez)
13:40	C.4.2: Nilsson Changes in Numbers and Distribution of Wintering Waterbirds in Sweden 1966 – 2015 (Leif Nilsson*)
14:00	C.4.3: Vanden Elsen^ Factors Influencing Autumn-Winter Distributions of Dabbling Ducks in The Atlantic and Mississippi Flyways (Lena M. Vanden Elsen*, Michael L. Schummer, Scott A. Petrie, Christopher G. Guglielmo)
14:20	C.4.4: Schummer Weather Severity Indices for Estimating Influences of Climate on Autumn-Winter Distributions of Waterfowl and Hunter Opportunity and Satisfaction (Michael L. Schummer*, Michael Notaro, Lena M. Vanden Elsen, John Collucy, Michael Mitchell, and Robb Macleod)

Oral Sessions

14:40	C.4.5: Beaman[^]	Implications of Climate Change for Land Use and Waterfowl Productivity in Prairie Canada (Benjamin C. Beaman*, Benjamin S. Rashford, David W. Howerter, Christopher T. Bastian, Timothy J. Robinson)
15:00	C.4.6: Baranyuk	Current Status of Lesser Snow Geese on Wrangel Island, Russia (Vasilij V. Baranyuk*)
15:20 -15:40		<i>Coffee break</i>
<i>Capital ABC</i>		
15:40 - 17:40		D.1: Current Issues in the Conservation and Management of Sea Ducks (Organizer: Chris Dwyer)
15:40	D.1.1: Hindman	Avian Cholera Epizootics in Sea Ducks and Sea Birds On Chesapeake Bay (Larry J. Hindman*, Gary Costanzo, William F. Harvey, Mark A. Wilson)
16:00	D.1.2: Spragens	San Francisco Bay Diving Duck Ecology: Distribution, Movements and the Unknown (Kyle A. Spragens*, Susan E.W. De La Cruz, Lacy M. Smith, Stacy M. Moskal, John Y. Takekawa, Cheryl Strong, Orien Richmond)
16:20	D.1.3: Wiese	Are Common Eider Nest Predators Limiting Species Recovery? (Wilhelm L. Wiese*, Christopher J. Latty)
16:40	D.1.4: Bowman	What Tools Do We Have for Sea Duck Conservation and What Constituencies Do We Need to Engage? (Tim Bowman*, Christine Lepage, John Takekawa)
17:00	D.1.5: Bowman	continued
17:20	D.1.6: Dwyer	Industrial Interests within Arctic and Marine Environments of Importance to Sea Ducks (James Woehr*, Mary Boatman, H. Grant Gilchrist) Are We Addressing the Right Things at the Right Scale? (Chris Dwyer*)
<i>Capital D</i>		
15:40 - 17:40		D.2: Foraging, Nutrition, and Energetics of Waterfowl: The Foundations of Habitat Management (Organizers: Scott McWilliams, Bruce Dugger)
15:40	D.2.1: Guillemain	Foraging, Nutrition, and Energetics of Waterfowl: A European Perspective (Matthieu Guillemain*, Claire A. Pernollet, Céline Arzel, Johan Elmberg, John Eadie)
16:00	D.2.2: Guillemain	continued
16:20	D.2.3: Alisauskas	Diet and Nutrition of King Eiders and Long-tailed Ducks Arriving to Breed at Karrak Lake, Nunavut (Ray T. Alisauskas*, Dana K. Kellett)
16:40	D.2.4: Perry	Geographic and Interspecific Variation of Seaduck Food Habits In Northeastern North America (Matthew C. Perry*, Peter C. Osenton, Alicia M. Wells-Berlin)

Oral Sessions

17:00	D.2.5: Coluccy	True Metabolizable Energy of Waterfowl Foods: Our Current Understanding and Implications for Conservation Planning (John M. Coluccy*, Matt T. DiBona, Bruce D. Dugger, Mark C. Livolsi, Mark J. Petrie, Kevin M. Ringelman, Chris K. Williams)
17:20	D.2.6: Krapu	Effects of Recent Trends in Agriculture on Waterfowl Nutrition and Energetics (Gary L. Krapu*)
<i>Senate</i>		
15:40 - 17:40	D.3: Breeding Ecology 2 (Chair: Clark Nissley)	
15:40	D.3.1: Pöysä	Environmental Conditions in Early Life, Recruitment Age and Performance at First Breeding in Common Goldeneye Females (Hannu Pöysä*, Robert G. Clark, Antti Paasivaara, Pentti Runko)
16:00	D.3.2: Craik	Potential Role of Brood Parasitism on High Rates of Nest Desertion for Red-breasted Mergansers (Shawn R. Craik*, Rodger D. Titman, Mohammadi Kaouass, Éric Tremblay)
16:20	D.3.3: Ward	Changes in Pacific Black Brant Breeding Productivity Through Space and Time (David H. Ward*, Robert A Stehn, Courtney Amundson, Christian P. Dau)
16:40	D.3.4: Nissley^	Assessing Pre-emptive and Apparent Competition Exhibited by Cackling Geese and Lesser Snow Geese on Breeding Atlantic Brant (Clark Nissley*, Christopher K. Williams, Kenneth F. Abraham)
17:00	D.3.5: Straub	Simulations of Wood Duck Recruitment from Nest Boxes in Mississippi and Alabama (Jacob N. Straub*, J. Brian Davis, Guiming Wang, Richard M. Kaminski, Bruce D. Leopold)
17:20	D.3.6: Stair*	Tracking the Breeding Ecology of Cavity-Nesting Waterfowl with RFID Devices (Tez Stair*, Ami Olson, Cara Thow, Eli Bridge, Bruce Lyon, John Eadie)
<i>Caucus</i>		
15:40 - 17:40	D.4: Habitat Use (Chair: Fritz Reid)	
15:40	D.4.1: Janke^	Novel Contributions of Wetlands in Agricultural Landscapes to Duck Migration in the Southern Prairie Pothole Region (Adam Janke*, Michael Anteau, Joshua Stafford)
16:00	D.4.2: Schepker^	Evaluating Relationships Amongst Local and Wetland Landscape Structure in Determining Waterfowl Habitat Use (Travis J. Schepker*, Elisabeth Webb, Ted LaGrange)
16:20	D.4.3: Palumbo^	Habitat Selection and Survival of Female Mallards in the Lake St. Clair Region During Autumn and Winter (Matthew D. Palumbo*, Michael L. Schummer, Scott A. Petrie)

Oral Sessions

16:40	D.4.4: Foth[^]	Waterbird Use of Wetlands and Aquaculture Ponds in the Mississippi Alluvial Valley and Gulf Coast Regions (Justyn R. Foth*, Francisco J. Vilella, Richard M. Kaminski)
17:00	D.4.5: Pernollet[^]	Winter Flooding and Use of Rice Fields by Waterfowl in Europe: Towards Mutual Benefits for Ducks and Farmers (Claire A. Pernollet*, François Cavallo, David Simpson, Anne Brogi, Amadou Niang, Michel Gauthier-Clerc, Matthieu Guillemain)
17:20	D.4.6: Austin	Habitat Use of Postbreeding Female Lesser Scaup (Jane E. Austin*, Shawn O'Neil, Jeffrey M. Warren)
17:40 - 19:00	<i>Dinner break - on your own</i>	
<i>Senate</i>		
17:30 - 18:30	Pintail Action Group Meeting/Scaup Action Team	
17:30	Welcome and Logistics	
17:35	Updates on Directed Studies of Northern Pintails	
	Body Condition on the Texas Coast (Bart Ballard*)	
	Pacific Flyway Pintail-related USGS Research Update (Joe Fleske*)	
	Conservation Planning Pertinent to Pintails in the Intermountain West (Josh Vest*)	
	Breeding Pintails: an Update on Recent Prairie Research (Jim Devries*)	
	Fidelity of Pintails to Minto Flats (Mark Lindberg*)	
	Duckling Survival Rates in Relation to Habitat in PPR (David Johns*)	
18:20	Updates on Directed Studies on Scaup	
	Evaluating Scaup Populations in Response to Spring Phenology (Dave Messmer*)	
	Body Condition and Diet of Scaup during Spring (Mark Lindberg*)	
	Update on the Long-term Demographic Study of Lesser Scaup in SW Montana (Jeff Warren*)	
18:50 - 19:00	<i>Break</i>	
19:00	Modeling Studies	
	Northern Pintails (Erick Osnas*)	
	Northern Pintails (Mitch Weegman*)	
	Scaup (Dave Koons*)	
	Scaup (Todd Arnold*)	
19:45	Discussion - Status of PAG and SAT Working Groups	
<i>Caucus</i>		
19:00 - 20:00	Mentor/Mentee (Organizers: Jacob McPherson, Joseph Lancaster, Joseph Marty)	
	Panelist:	
	Jim Feaga , Regional Biologist NJ/PA/Long Island, Ducks Unlimited	
	Kevin Ringelman , Assistant Professor, Louisiana State University	
	Anthony Roberts , Wildlife Biologist, Atlantic Flyway, US Fish & Wildlife Service	
	Anne Mini , Science Coordinator, Lower Mississippi Valley Joint Venture	
<i>Parks Place</i>		
19:00 - 20:00	Hospitality by California Waterfowl Association	

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