

THURSDAY, 4 FEBRUARY 2016	
06:30 - 08:00	<i>Breakfast in Capital Ballroom</i>
08:10 - 08:20	Opening Remarks & Announcements
<i>Capital Ballroom</i>	
08:20 - 09:40	I.1: Plenary
8:20	I.1.2: Plenary Robert Clark Using Population Models to Test Ecological Hypotheses and Guide Conservation Decisions (Robert Clark*)
9:00	I.1.2: Plenary Michael Schaub Inference About Population Processes by Combining Counts and Demographic Data Using Integrated Population Models (Michael Schaub*)
09:40 - 10:00	<i>Coffee break</i>
<i>Capital Ballroom</i>	
10:00 - 12:00	J.1: Integrated Population Models to Inform Waterfowl Ecology and Conservation (Organizers: Todd Arnold, David Koons)
10:00	J.1.1: Weegman Integrated Population Modelling Reveals a Perceived Source to be a Cryptic Sink (Mitch D. Weegman*, Stuart Bearhop, Anthony David Fox, Geoff M. Hilton, Alyn J. Walsh, David J. Hodgson)
10:20	J.1.2: Koons Drivers of Lesser Scaup Population Dynamics at a Continental Scale (David N. Koons*, Michael Schaub, Todd W. Arnold, Mitchell D. Weegman, Beth E. Ross, Jeffrey M. Warren, Christopher A. Nicolai, Robert G. Clark)
10:40	J.1.3: Osnas An Integrated Population Model for Northern Pintail to Guide Harvest and Habitat Management (Erik E. Osnas*, G. Scott Boomer, Michael C. Runge, Robert G. Clark, James H. Devries)
11:00	J.1.4: Arnold An Integrated Population Model for American Black Ducks (Todd W. Arnold*, David N. Koons, Michael Schaub)
11:20	J.1.5: Riecke[^] Integrated Population Models for Black Brant: Derived Parameters And Sampling Variance (Thomas V. Riecke*, James S. Sedinger)
11:40	J.1.6: Arnold, Koons Integrated Population Models to Inform Waterfowl Ecology and Conservation: Pitfalls and Promises (Todd W. Arnold*, Robert G. Clark, David N. Koons*, Erik E. Osnas, Thomas V. Riecke, Michael Schaub, Mitchell D. Weegman)
12:00 - 13:20	<i>Lunch break in Capital Ballroom</i>

Oral Sessions

<i>Capital ABC</i>		
13:20 - 15:20	K.1: Looking Ahead Toward Future Management of Shallow Lakes (Organizers: Nicole Hansel-Welch, Mark Hanson)	
13:20	K.1.1: Anteau	A Watershed Approach for Conservation of Prairie-Pothole Wetlands (Michael J. Anteau*, Mark T. Wiltermuth, Lisa A. McCauley, Max Post van der Burg)
13:40	K.1.2: Vitense^	Predicting Total Phosphorus and Assessing State Transition Risk in Shallow Lakes (Kelsey Vitense*, Nicole Hansel-Welch, Mark A. Hanson, Brian R. Herwig, Kyle D. Zimmer, John Fieberg)
14:00	K.1.3: Wiltermuth	Landscape-scale Evaluation of the "Alternative Stable State" Hypothesis within Large Northern Prairie Wetlands in Context of Waterbird Conservation (Mark T. Wiltermuth*, Michael J. Anteau)
14:20	K.1.4: Hanson	Rehabilitating Turbid Shallow Lakes: Harder than We Think? (Mark A. Hanson*, Brian R. Herwig, Kyle D. Zimmer, Nicole Hansel-Welch, Kelsey Vitense, John Fieberg)
14:40	K.1.5: Zimmer	Is Island Biogeography a Good Model for Managing Biodiversity in Shallow Lakes? (Kyle D. Zimmer*, Luke E. Nolby, Mark A. Hanson, Brian R. Herwig, William O. Hobbs, Joy M. Ramstack Hobbs, Kevin M. Theissen)
15:00	K.1.6: Hansel-Welch	Management or Restoration - What Are We Doing With Shallow Lakes in Minnesota? (Nicole Hansel-Welch, Tammy Baden, Todd Call, Jenny DuBay, Ann Geisen, Steve Kittelson, Melissa Thompson)
<i>Capital D</i>		
13:20 - 15:20	K.2: Mexico's Rich Waterfowl History, Contemporary Wetland Challenges, and Maintaining Anatid Biodiversity (Organizers: Eduardo Carrera-González*, Alberto Lafón-Terrazas, Leigh H. Fredrickson)	
13:20	K.2.1: Carrera-González	Introductory Remarks: International Cooperation Across North America a Key to Continental Waterbird Conservation (Eduardo Carrera-González*, Alberto Lafón-Terrazas, Leigh H Fredrickson)
13:40	K.2.2: Valverde	A Historical Perspective on the Conservation of Waterfowl in Mexico (Jorge Enrique Mendoza Valverde*)
14:00	K.2.3: Lafón-Terrazas	The Current State of Policy and Legislation Related to Environmental Resources in Mexico (Alberto Lafón-Terrazas*)
14:20	K.2.4: Carrera-González	Distribution and Status of Mexico's Wetland Resources (Eduardo Carrera-González*)
14:40	K.2.5: Lafón-Terrazas	Initial Efforts for Waterfowl Monitoring in Mexico (Alberto Lafón-Terrazas*, Mauro Iván Reyna-Medrano)

Oral Sessions

15:00	K.2.6: Carrera-González	Distribution and Composition of the Mexican Waterfowl Harvest (Eduardo Carrera-González*, Alberto Lafón-Terrazas, Leigh H. Fredrickson)
<i>Senate</i>		
13:20 - 15:20	K.3: Population Dynamics (Chair: Matt Dyson)	
13:20	K.3.1: Malachowski[^]	Seasonal and Annual Survival Rates and Cause-specific Mortality of the Endangered Hawaiian Duck (Christopher P. Malachowski*, Bruce D. Dugger)
13:40	K.3.2: Warren	Within-season and Carry-over Effects of Reproductive Effort on Survival in Female Lesser Scaup (Jeffrey M. Warren*, David N. Koons)
14:00	K.3.3: Messmer[^]	Associations of Western Boreal Forest Duck Populations to Indices of Spring Phenology (David J. Messmer* [^] , Robert G. Clark, Stuart Slattery, Mark Drever, Chris Derksen)
14:20	K.3.4: Sheppard[^]	Vital Rates of New Zealand Mallards (Jennifer L. Sheppard* [^] , Todd Arnold, Courtney L. Amundson, David Klee, Todd Dennis)
14:40	K.3.5: Leach[^]	Probability of Mate Change and Its Effects on Demographic Rates of Black Brant (Alan G. Leach* [^] , James. S. Sedinger, Thomas V. Riecke, David H. Ward, W. Sean Boyd)
15:00	K.3.6: Riecke[^]	Response of Long-lived Waterfowl to Latitudinal Fitness Variation (Thomas V. Riecke* [^] , Alan G. Leach, Jim S. Sedinger, David H. Ward, and W. Sean Boyd)
<i>Caucus</i>		
13:20 - 15:20	K.4: Harvest (Chair: Matt Chouinard)	
13:20	K.4.1: Boomer	Analyzing the Relationship between Midcontinent Mallard Harvest and Survival Probabilities (G. Scott Boomer*, Guthrie S. Zimmerman, Nathan L. Zimpfer, James D. Nichols)
13:40	K.4.2: Sedinger, B.[^]	Exploring Compensation in Duck Mortality: Do Harvest Regulations Really Matter? (Benjamin S. Sedinger*, Christopher A. Nicolai, Kelley M. Stewart)
14:00	K.4.3: Vaske	Improving the Accuracy of Self-reported Waterfowl Harvest Estimates (Jerry J. Vaske*, Jay Beaman, Craig Miller)
14:20	K.4.4: Deane^{1^}	Harvest and Non-harvest Mortality Relationships for Lesser Scaup Breeding in Southwestern Montana (Cody E. Deane, Jay J. Rotella, Jeffrey M. Warren, David N. Koons, Robert R. Garrott)
14:40	K.4.5: Soulliere	Trends in North American Diving Duck Hunting Community with Focus on Scaup (Gregory J. Soulliere*, Jane E. Austin, Benjamin M. Kahler)

Oral Sessions

15:00	K.4.6: Open	
15:20 - 15:40	<i>Coffee break</i>	
<i>Capital ABC</i>		
15:40 - 17:40	L.1: Looking Ahead Toward Future Management of Shallow Lakes (Organizers: Nicole Hansel-Welch, Mark Hanson)	
15:40	L.1.1: Hagy	Evolution of Backwater Lakes along the Illinois River with Waterfowl as a Sentinel of Change (Heath M. Hagy*, Aaron P. Yetter, Michelle M. Horath, Joshua Stafford)
16:00	L.1.2: Evelsizer	Ten Years of Shallow Lake Renovations; Applying What's Been Learned to Future Management (Vincent D. Evelsizer*)
16:20	L.1.3: Wrubleski	Restoring a Large Freshwater Coastal Wetland on the Prairies; Delta Marsh, Manitoba (Dale A. Wrubleski*)
16:40	L.1.4: Hutchins	Time-lapse Photography: Documenting Wetland Restoration and Shallow Lake Management in Minnesota (Emily J. Hutchins*, John E. Maile)
17:00	L.1.5: Anthony^	Seed-Bank and Invertebrate Potential of Moist-Soil Wetlands in the Southwest (Ryan S. Anthony*, Ryan O'Shaughnessy, Ryan S. Luna, and Daniel P. Collin)
17:20	L.1.6: Hanson	Discussion (Mark Hansen, Nicole Hansel-Welch)
<i>Capital D</i>		
15:40 - 17:40	L.2: Mexico's Rich Waterfowl History, Contemporary Wetland Challenges, and Maintaining Anatid Biodiversity (Organizers: Eduardo Carrera-González, Alberto Lafón-Terrazas, Leigh H. Fredrickson)	
15:40	L.2.1: Lafón-Terrazas	Distribution and Productivity of the Mexican Ducks and Related Species (Alberto Lafón-Terrazas*)
16:00	L.2.2: Wortham	A History of U.S. Flyway Biologists/Pilots' Efforts in Mexico (Jim Wortham*, Phil Thorpe)
16:20	L.2.3: Fredrickson	Functional Aspect of Wetlands in Mexico's Arid Northern Highlands (Leigh H. Fredrickson*)
16:40	L.2.4: Vradenburg	Bosque del Apache NWR and Mexico: A History of International Collaboration (John Vradenburg)
17:00	L.2.5: Goodman^	A Stiff Comparison: Comparing Time-Activity Budgets of Stiff-Tailed Ducks in Puerto Rico (Nick Goodman*, Jack C. Eitniear, James T. Anderson)
17:20	L.2.6: Carrera-González	Closings Remarks: The Mexico Challenge in North American Waterbird Conservation (Eduardo Carrera-González*, Alberto Lafón-Terrazas, Leigh H. Fredrickson)

<i>Senate</i>	
15:40 - 17:40	L.3: Conservation Planning (Chair: Kevin Ringelman)
15:40	L.3.1: Bartuszevige Using Landscape Design to Develop a Waterfowl Conservation Plan (Anne M. Bartuszevige*, Alex Daniels, Kyle Taylor)
16:00	L.3.2: Fleming, K. Decision Support for Land Acquisition in the National Wildlife Refuge System (Kathleen Fleming, Keenan Adams, Sean Fields, and Ken Fowler)
16:20	L.3.3: Doherty Building the Foundation for International Conservation Planning for Breeding Ducks Across the US and Canadian Border (Kevin E. Doherty*, Jeffrey S. Evans, Johann Walker, James H. Devries, David W. Howerter)
16:40	L.3.4: Laing Waterfowl Brigades: Preparing the Next Generation of Conservationists (Jared D. Laing*)
17:00	L.3.5: Devney Contract, Farm and Farmer Influencers on CRP Enrollment Decisions (John Devney*, Neeraj Dhingra, William Lesch, David Roberts, Cheryl Wachenheim)
17:20	L.3.6: Ringleman Estimating Carrying Capacity at Local Scales: A Case Study from Forsythe National Wildlife Refuge (Kevin M. Ringelman*, Christopher K. Williams, Paul Castelli, Mason L. Sieges, Rebecca Kern, Ted Nichols, Steve Earsom)
<i>Caucus</i>	
15:40 - 17:40	L.4: Contaminants, Disease, and Genetics (Chair: Alan Leach)
15:40	L.4.1: Latty^ Prevalence and Potential Sources of Elevated Strontium in Waterfowl Eggs in Interior Alaska (Christopher J. Latty*, Angela C. Matz, Keith A. Hobson, Tuula E. Hollmen)
16:00	L.4.2: Miller^ Trace Elements in Eiders and Long-tailed Ducks of the Alaskan Arctic (Micah W. C. Miller*, James R. Lovvorn, Angela C. Matz, Robert J. Taylor, Christopher J. Latty, David E. Safine)
16:20	L.4.3: England^ Helminths and Health of Spring-Migrating Lesser Scaup in the Upper Midwest (J. Conner England1*, Jeffrey M. Levengood, Heath M. Hagy, Rebecca A. Cole, John M. Kinsella)
16:40	L.4.4: Spivey^ Influenza A Virus Dynamics in High-Latitude Wintering Populations of Mallards (Timothy J. Spivey*, Mark S. Lindberg, Brandt W. Meixell, Kyle R. Smith, Jonathan A. Runstadler, David E. Stallknecht, Andrew M. Ramey)
17:00	L.4.5: Meixell^ Seasonal Prevalence of Influenza in a Reservoir Host: Waterfowl Life History and the Dynamics of Viral Flow (Brandt W. Meixell*, Nichola J. Hill, Eric J. Ma, Mark S. Lindberg, Todd W. Arnold, and Jonathan A. Runstadler)

Oral Sessions

17:20	L.4.6: Lavretsky	Population Genomics and Hybridization between Lesser and Greater Scaup (Philip Lavretsky*, Jeffrey L. Peters, Kevin G. McCracken)
17:40 - 19:00	<i>Dinner break - on your own</i>	
<i>Caucus</i>		
18:30 - 20:00		
	<p>Special Session: University-based Waterfowl Programs: Past, Present & Foresights (Organizers: Rick Kaminski, Bart Ballard, Warren Conway, J. Brian Davis, John Eadie, Jake Straub)</p> <p>Drinks and food available at 18:30 Presentations, Panel Discussion & Interaction with Audience will begin 19:00</p>	
<i>Annapolis Ballroom</i>	Poster Session II	
19:00 - 22:00		
19:00 - 22:00	Hospitality hosted by California Waterfowl Association - Parks Place	