

FRIDAY, 5 FEBRUARY 2016		
06:30 - 08:00	<i>Breakfast in the Capital Ballroom</i>	
08:10 - 08:20	Opening Remarks & Announcements - Chris Williams	
<i>Capital Ballroom</i>		
08:20 - 09:40	M.1: Plenary	
8:20	M.1.1: Plenary Michael Anderson	From Coherence to Integration: Challenges of Multiple Scales, Decision Authorities, and Processes (Michael G. Anderson*)
9:00	M.1.2: Plenary David Fulton	Values Translated into Objectives: Engaging Waterfowl Stakeholders (David C. Fulton*, Andrew Raedeke, Jason Spaeth, Michael Kilgore, Howie Harshaw, Gray Anderson, and Dale D. Humburg)
09:40 - 10:00	<i>Coffee break</i>	
<i>Capital Ballroom</i>		
10:00 - 12:00	N.1: Featured Session: Implementing the 2012 NAWMP Revision: Management Decisions to Integrate Multiple Objectives at Varying Scales (Organizer: Dale D. Humburg)	
10:00 - 10:05	N.1.1: Humburg	Introduction to the Session (Dale Humburg*)
10:05 - 10:20	N.1.2: Runge	Modeling and Managing Linkages across Objectives: Beyond the JTG (Michael C. Runge)
10:20 - 10:35	N.1.3: Vrtiska	Adaptive Harvest Management: Re-examining Harvest Objectives and Approaches (Mark P. Vrtiska*, Min Huang, W. Adam Phelps, Paul I. Padding, James R. Kelley, Jr., and James A. Dubovsky)
10:35 - 10:50	N.1.4: Carter	Integrating Human Dimension Considerations into Joint Venture Habitat Delivery (Michael F. Carter*, Andy Bishop, and Beth Huning)
10:50 - 11:05	N.1.5: Brasher	Focusing Resources on Important Landscapes: A Spatial Framework for Integrating NAWMP Objectives (Michael G. Brasher*, Mark J. Petrie, David W. Howerter, and Dale D. Humburg)
11:05 - 11:20	N.1.6: Eadie	Integrated Annual Cycle Models of North American Ducks: Progress, Pitfalls and Prospects (John M. Eadie*, Robert G. Clark, Jane Austin, G. Scott Boomer, Pat Devers, Jim H. Devries, Brady J. Mattsson, Eric E. Osnas, and Michael C. Runge)
11:20 - 11:50	N.1.7: Johnson	Plenary Fred A. Johnson Multi-Level Learning in Waterfowl Conservation (Fred A. Johnson*, Dale D. Humburg, David J. Case)
11:50 - 12:00	N.1.8: Humburg	Closing Comments: A Challenge to the Technical Community

12:00 - 13:20	<i>Lunch break in Capital Ballroom</i>	
<i>Capital ABC</i>		
13:20 - 15:20	O.1: Waterfowl and Water 1: The Crisis is Now (Organizer: Mark Petrie)	
13:20	O.1.1: Petrie	Introduction to the Session (Mark Petrie*)
13:40	O.1.2: Zarzycki[^]	Evidence for Cross Seasonal Effects: Insights from Long-Term Data on Northern Pintail (Megan C. Zarzycki*, Bruce D. Dugger)
14:00	O.1.3: Yarris	The California Drought: The Effects of the Current Drought on Waterfowl Habitat in the Central Valley (Gregory S. Yarris*, Joseph P. Fleskes, Mark J. Petrie, Mike A. Wolder, Craig R. Isola, Daniel A. Skalos)
14:20	O.1.4: Brasher	Implications of Limited Water Supplies for Waterfowl Habitats on the Texas Coast (Michael G. Brasher*, Kirby Brown)
14:40	O.1.5: Vest	Water Issues for the Great Salt Lake: Implications to Wetlands and Waterfowl (Josh L. Vest*, Mark J. Petrie, Bruce D. Dugger, Jeffrey. M. Warran, W. Dave Smith)
15:00	O.1.6: James	Future Implications of Groundwater Depletion on Waterfowl Foraging Capacity in the Mississippi Alluvial Valley (J. Dale James*, Anne E. Mini, Mark J. Petrie)
<i>Capital D</i>		
13:20 - 15:20	O.2: The Pride of the Salt Marsh: Status and Future Conservation of the American Black Duck (Organizer: Pat Devers)	
13:20	O.2.1: Serie	Early History of Concern for the American Black Duck and Formation of the Black Duck Joint Venture (Jerome R. Serie*, Brigitte Collins, Robert J. Blohm, Ken Ross)
13:40	O.2.2: Sauer	Development and Implementation of the Eastern Breeding Waterfowl and Habitat Survey (John Sauer,*, Daniel Bordage, Mark Koneff, Guthrie Zimmerman)
14:00	O.2.3: Conroy	Development and Implementation of an International Black Duck Harvest Strategy (Michael J. Conroy*, Eric T. Reed, Paul I. Padding, Mark D. Koneff, Patrick K. Devers)
14:20	O.2.4: Robinson	Integrating Habitat and Population Dynamics: Achieving NAWMP Goals Through the Use of an Annual Life Cycle Model (Orin Robinson*, Conor McGowan, Patrick K. Devers)
14:40	O.2.5: Devers	Testing the Winter Limitation Hypothesis Using a Two-Season Banding Program (Patrick K. Devers,*, Guthrie S. Zimmerman, and G. Scott Boomer)
15:00	O.2.6: Darveau	American Black Duck Breeding Habitat: Knowledge and Conservation in a Changing World (Marcel Darveau*, Daniel Bordage ³ , Rod Brook, Patricia Edwards, David J. Lieske, Daniel G. McAuley, Nic McLellan, Shawn Meyer, J. Bruce Pollard)

<i>Senate</i>		
13:20 - 15:20	O.3: Winter Ecology (Chair: Rick Kaminski)	
13:20	O.3.1: Collins	Impacts of Wind Energy on Wintering Redheads (Daniel P. Collins*, Cory J. Lange, Bart M. Ballard)
13:40	O.3.2: Lancaster1^	Linking Habitat Use and Survival to Identify Suitable Winter Habitats for Female Mallards in Mississippi (Joseph D. Lancaster*, J. Brian Davis, Richard M. Kaminski, Edward J. Penny, Alan D. Afton)
14:00	O.3.3: Williams	Bioenergetics, Behavior, and Sea Level Rise: Current Status and Future Implications for Wintering Dabbling Ducks in Delaware (Mark C. Lovolsi, Christopher K. Williams*, John M. Coluccy, Matthew T. DiBona)
14:20	O.3.4: Askren^	Habitat Selection of Midcontinent Greater White-fronted Geese During the Wintering Period (Ryan J. Askren*, Douglas C. Osborne)
14:40	O.3.5: Kennedy^	Wintering Redhead Duck Effects on Northern Gulf of Mexico Seagrasses (Maddie Kennedy*, Kenneth L. Heck Jr., John Valentine, Thomas Michot)
15:00	O.3.6: Raquel^	Species-specific Timing of Breeding in Response to Winter Climate and Spring Pond Conditions (Amelia J. Raquel*, Robert G. Clark, James H. Devries, David W. Howerter)
<i>Caucus</i>		
13:20 - 15:20	O.4: Foraging Ecology (Chair: Heath Hagy)	
13:20	O.4.1: Vanderhorst^	True Metabolizable Energy of Submersed Aquatic Vegetation for Dabbling Ducks (Sarah E. Vanderhorst*, Heath M. Hagy, John W. Simpson, Chris N. Jacques)
13:40	O.4.2: Behney	Worth the Reward? An Experimental Assessment of Risk-taking Behavior in Foraging Ducks (Adam C. Behney*, Ryan O'Shaughnessy, Michael W. Eichholz, and Joshua D. Stafford)
14:00	O.4.3: DuBour^	Dietary Patterns of Lesser Scaup Ducklings in a Heterogeneous Landscape (Adam J. DuBour*, Kirsty E. Gurney, Mark S. Lindberg)
14:20	O.4.4: Marty^	Waste-Rice and Natural Seed Abundance in Rice Fields in the Gulf Coast Prairies of Louisiana and Texas (Joseph R. Marty*, J. Brian Davis, Richard M. Kaminski, Michael G. Brasher, Guiming Wang)
14:40	O.4.5: Drahota	Anas spp. Body Condition and Ingested Foods During Spring Stopover (Jeff L. Drahota, Dustin Casady, Mery Casady, Ryan Walters)

15:00	O.4.5: VonBank[^]	Food Habits and Availability for Lesser Scaup (<i>Aythya affinis</i>) during spring (Jay A. Vonbank*, Heath M. Hagy, Joshua M. Osborn, Jamison C. England, Aaron P. Yetter, Michelle M. Horath, Chris S. Hine, Douglas R. McClain)
15:20 - 15:40	<i>Coffee break</i>	
<i>Capital ABC</i>		
15:40 - 17:40	P.1: Waterfowl and Water 2: The Crisis is Now (Organizer: Mark Petrie)	
15:40	P.1.1: Dugger	Current and Future Water Shortages in Southern Oregon/Northeastern California (SONEC) (Bruce D. Dugger*, Josh L. Vest, Patrick Donnely, John Vradenburg, Joseph P. Fleskes, Mark J. Petrie)
16:00	P.1.2: Fleming, S.	Overview of Water Quality Issues in the Upper Mississippi River, Great Lakes, and Chesapeake Bay and Long Term Implications for Diving Duck Distribution (K. Sarah Fleming*, John Coluccy, Jason Hill, Heath M. Hagy, Michael L. Schummer)
16:20	P.1.3: Eadie	Using an Agent-based Model (SWAMP) to Predict the Response of Waterfowl to Drought, Urban Expansion and Reduced Water for Agriculture and Managed Wetlands in California (John M. Eadie*, Matt L. Miller, Kevin M. Ringelman, Joseph P. Fleskes, Elliott Matchett, Robert H. Blenk, Jeffrey C. Schank)
16:40	P.1.4: Smith	Water Will Go Where it is Legally Required to Go: Being Realistic about Future Wetland Water Supplies and Exploring a New Path of Collaborative Working Lands Conservation (W. David Smith*, Mark J. Petrie)
17:00	P.1.5: Overton[^]	Is California's Wintering Waterfowl Habitat Drought Proof? (Cory Overton*, Joseph P. Fleskes, Joshua T. Ackerman, Jeffrey D. Kohl, Mark P. Herzog, Elliott Matchett, Caroline M. Brady, Cliff Feldheim, Greg Yarris, Michael L. Casazza)
17:20	P.1.6: Symmank	From the Duck Marsh to the Water Faucet: Constructed Wetlands are Becoming a Critical Component of the Texas Municipal Water Supply (Matthew E. Symmank*)
<i>Capital D</i>		
15:40 - 17:40	P.2: The Pride of the Salt Marsh: Status and Future Conservation of the American Black Duck (Organizer: Pat Devers)	
15:40	P.2.1: Coluccy	American Black Duck Bioenergetics Model: A Synthesis of Research and Results (John M. Coluccy*, Paul M. Castelli, Patrick K. Devers, Heath M. Hagy, Gregory J. Soulliere, Christopher K. Williams)
16:00	P.2.2: Peck	Overwinter Survival and Wintering Ground Fidelity of American Black Ducks in Atlantic Canada (Liam E. Peck*, Randy Milton, J. Bruce Pollard, Garry Gregory, Gregory J. Robertson, Mark L. Mallory)

Oral Sessions

16:20	P.2.3: English[^]	Winter Diet and Body Condition of American Black Ducks in Atlantic Canada (Matthew D. English*, Gregory J. Robertson, Mark L. Mallory)
16:40	P.2.4: Ringelman	A Meta-analysis of American Black Duck Winter Habitat Use along the Atlantic Coast (Kevin M. Ringelman*, Christopher K. Williams, Patrick Devers, John M. Coluccy, Paul Castelli, Kurt A. Anderson, Jacob L. Bowman, Gary R. Constanzo, Dane M. Cramer, Matt DiBona, Michael Eichholz, Min Huang, Benjamin Lewis, Dawn Plattner, Tina Yerkes)
17:00	P.2.5: Jones	Non-breeding Habitat Planning and Delivery for American Black Ducks (Malcom Jones*, John Coluccy, Kirsten Luke, Patrick K. Devers)
17:20	P.2.6: Devers	Discussion (Patrick Devers)
<i>Senate</i>		
15:40 - 17:40	P.3: Miscellany (Chair: Beth Ross)	
15:40	P.3.1: Ross, B.	Drivers of Mottled Duck Pairs on the Upper Texas Gulf Coast (Beth E. Ross*, David Haukos, Patrick Walther)
16:00	P.3.2: Moon	A Stochastic Model to Simulate Mottled Duck Population Dynamics (Jena A. Moon*, Stephen J. DeMaso, Michael G. Brasher, Warren C. Conway, David A. Haukos)
16:20	P.3.3: Lancaster2[^]	Diurnal Use of Private, Public, and Incentivized Conservation Wetlands by Female Mallards in Mississippi (Joseph D. Lancaster*, J. Brian Davis, Richard M. Kaminski, Kevin D. Nelms)
16:40	P.3.4: Minor[^]	Avian Productivity and Community Ecology of Restored PPR Grasslands (Ashlee K. Minor*, Michael Eichholz)
17:00	P.3.5: Pokley[^]	Testing Competing Hypotheses for the Seasonal Variation in Nesting Success (Kalen J. Pokley*)
17:20	P.3.6: Martorelli[^]	Evaluation of Waterfowl Use and Thermal Characteristics of Alfalfa and Perennial Grasses in Eastern South Dakota (Neal Martorelli*, Joshua Stafford)
<i>Caucus</i>		
15:40 - 17:40	P.4: Energetics (Chair: Brandt Meixell)	
15:40	P.4.1: Mini[^]	From Equations to Reality: Building a Bioenergetic Model to Improve Waterfowl Conservation (Anne E. Mini*, Blaine Elliott, Dale James, Keith McKnight, Luke Naylor, John Tirpak)
16:00	P.4.2: Garrick, M.[^]	Dynamics of Nutrient Reserves and Digestive Tract of Female Northern Pintails Wintering Along The Texas Coast (Matthew J. Garrick*, Nathaniel R. Huck, Bart M. Ballard, Kevin J. Kraai)

Oral Sessions

16:20	P.4.3: McClain	Using Plasma-lipid Metabolites to Predict Lipid Reserve Dynamics in Free-living Lesser Scaup (Douglas R. McClain*, Heath M. Hagy, Joshua M. Osborn, Aaron P. Yetter, Chris Hine, Michelle Horath, Jamison C. England, Jeffrey Levensgood)
16:40	P.4.4: Boyd	Pacific Harlequin Ducks are Altering their Molt Behavior (W. Sean Boyd*)
17:00	P.4.5: Fino^	The Energetic Value of Mid-Atlantic Forested Wetlands to Wintering American Black Ducks (Samantha Fino*, Christopher K. Williams, Mark Lovolsi, Kevin M. Ringelman, John M. Coluccy, Patrick K. Devers, Paul M. Castelli)
17:20	P.4.6: Henson	Does Hunting Alter Waterfowl Body Condition and Stress Physiology? (Jerad R. Henson*, Christopher Sims, Stephan Schoech)
17:40 - 19:00	<i>Break before Banquet</i>	
19:00 - 22:00	Banquet & Awards Dinner - Capital Ballroom	