

SECOND NORTH AMERICAN SEA DUCK CONFERENCE

Loews Annapolis Hotel, Annapolis, Maryland

Monday, November 7, 2005

Conference Attendees Arrival	
Registration	12:00 - 5:00
Opening Reception	6:30 - 8:30

Tuesday, November 8, 2005

Registration	7:30 - 8:30
Welcome & Introductions	8:30 - 9:15
Presentations: Information needs for effective environmental impact assessment of marine offshore wind farms on birds: the European perspective (Anthony Fox)	9:15 - 10:00
Break	10:00 - 10:30
Presentations: Habitat	10:30 - 12:00
Population delineation, winter habitat use and timing of spring migration of surf scoters (<i>Melanitta perspicillata</i>) from the southern portion of their winter range (David Ward)	10:30 - 10:45
Preliminary characterization of migration and breeding grounds associated with surf scoters wintering in Washington State from ongoing tracking of satellite and VHF transmitters (David Nysewander)	10:45 - 11:00
Environmental changes and breeding population trends of waterfowl (Mia Ronka)	11:00 - 11:15
Habitat use by scoters in relation to environmental attributes and shellfish aquaculture in British Columbia (Ramunas Zydulis)	11:15 - 11:30
Movements and habitats used by black and surf scoters in eastern North America as determined by satellite radio telemetry (Matthew Perry)	11:30 - 11:45
Habitat features associated with the distribution of breeding pairs of barrows goldeneye in Eastern Canada (Drolet Bruno)	11:45 - 12:00
Lunch (Sponsored by Microwave Telemetry Inc.)	12:00 - 1:00
Presentations: Population Demography	1:00 - 3:00
Population Dynamics of Pacific common eiders on the Yukon-Kuskokwim Delta, Alaska (Heather Wilson)	1:00 - 1:15
Evidence of environmental effects on duckling survival and growth in spectacled eiders (Paul Flint)	1:15 - 1:30
Breeding condition and nest success of king eiders: does breeding affect survival? (Katherine Mehl)	1:30 - 1:45
Recruitment rates of harlequin ducks: When do we become concerned? (Daniel Rosenberg)	1:45 - 2:00
Estimating population abundance and mapping distribution of wintering sea ducks in coastal waters of the mid-Atlantic (Mark Koneff)	2:00 - 2:15
Apparent annual survival and nest success of Pacific common eiders in central arctic Canada (Andrea Hoover)	2:15 - 2:30
Population dynamics of mergansers: inferences from historic and contemporary data sets (John Pearce)	2:30 - 2:45
Limited fidelity in Harlequin ducks wintering near Dutch Harbor, Aleutian Islands, Alaska (John Reed)	2:45 - 3:00
Break	3:00 - 3:30
Presentations: Population Delineation	3:30 - 5:00
Defining populations units for conservation of sea ducks: what are we looking for? (Dan Esler)	3:30 - 3:45
Defining population units for conservation of sea ducks: contrasting genetic and demographic criteria (John Pearce)	3:45 - 4:00
Population structure and phylogeography of common eiders (Sarah Sonsthagen)	4:00 - 4:15
Population delineation of white-winged scoters using stable isotopes (Cindy Swoboda)	4:15 - 4:30
Using stable isotopes to delineate North American wintering populations of long-tailed ducks (Shona Lawson)	4:30 - 4:45
Sample size considerations for the use of satellite telemetry in avian research (Johann Walker)	4:45 - 5:00
Poster Session and Reception	6:00 - 8:00

Wednesday, November 9, 2005

Presentations: Migration

8:30 - 10:00

Large scale movements and habitat characteristics of king eiders throughout the nonbreeding period (Laura Phillips) 8:30 - 8:45

Pacific Common and King Eider spring migration, site fidelity and population structure: insights gained from longer-lasting satellite transmitters (Lynne Dickson) 8:45 - 9:00

The autumn moult and spring migration pattern of arctic common eider in western Greenland and eastern Canada based on satellite telemetry (Anders Mosbech) 9:00 - 9:15

Spring migration chronology and breeding areas of surf scoters: a synthesis of Pacific coast population studies (Susan Wainwright-De La Cruz) 9:15 - 9:30

Late spring staging habitats of surf scoters along the Pacific Coast (Erika Lok) 9:30 - 9:45

Individual variation in staging and timing of spring migration of Pacific common eiders in Alaska (Margaret Petersen) 9:45 - 10:00

Break 10:00 - 10:30

Presentations: Human Factors and Management

10:30 - 11:45

Interactions of wintering scoters and shellfish aquaculture in coastal British Columbia (Dan Esler) 10:30 - 10:45

Conservation of the Northern common eider: an international economic, social and ecological challenge (Jean-Pierre Savard) 10:45 - 11:00

Interactions between harvest, physical condition, and habitat use of common eiders wintering in Greenland (Flemming Merkel) 11:00 - 11:15

Survival of common eiders from the eastern Canadian arctic with changing harvest regulations in Greenland (Myra Wiebe Robertson) 11:15 - 11:30

Eiderdown harvesting: a tool for management and research (Jean Bédard) 11:30 - 11:45

Lunch (no host) 11:45 - 1:00

Workshops

1:00 - 5:00

Harvest (sport and subsistence) 1:00 - 3:00

Session Leader: Tom Rothe

Satellite Telemetry 1:00 - 3:00

Session Leader: John Takekawa

Contaminants and Disease 3:00 - 5:00

Session Leaders: Chris Franson, Tuula Hollmén

Offshore and Nearshore Wind Facilities – Seaduck Impacts 3:00 - 5:00

Session Leader: Al Manville

Poster Session and Reception 6:00 - 8:00

Thursday, November 10, 2005

Presentations: Foraging and Energetics

8:30 - 10:00

The value of herring spawn events to spring conditioning of scoters in the Puget Sound-Georgia Basin (Eric Anderson) 8:30 - 8:45

Clam predation and foraging behaviors of surf and white-winged scoters (Tyler Lewis) 8:45 - 9:00

Nutrient acquisition and allocation by female harlequin ducks in relation to migration and reproduction (Jeanine Bond) 9:00 - 9:15

On thin ice: foraging energetics of spectacled eiders in the pack ice of the Bering Sea (Samantha Richman) 9:15 - 9:30

Variation in arrival body condition and reproductive status of white-winged scoter hens at Cardinal Lake, NT (Stuart Slattery) 9:30 - 9:45

Modeling the energetics of Spectacled Eiders during long-term change in ice and benthos of the Bering Sea (James Lovvorn) 9:45 - 10:00

Break 10:00 - 10:30

Presentations: Foraging and Energetics

10:30 - 12:00

Habitat use, time spent diving and energy expenditure during wing molt in Baltic common eiders (Magella Guillemette) 10:30 - 10:45

Foraging ecology of common eider ducks wintering in the Canadian arctic: the role of biotic and abiotic processes (Joel Heath) 10:45 - 11:00

Common Eiders diving in the dark: How important and efficient it is? (Benoét Bruneau) 11:00 - 11:15

Foraging ecology and body composition of starving common eiders during a winter die-off event in arctic Canada (Sarah Jamieson) 11:15 - 11:30

Evaluating validity of using untested indices of body condition (Jason Schamber)	11:30 - 11:45
A comparative assessment of food use and availability by scaup and scoters in the Lower MacKenzie Watershed, NW Territories, Canada (Jean-Michel DeVink)	11:45 - 12:00
Lunch (no host)	12:00 - 1:00
Tours:	1:00 - 5:00
<i>Tour Package A:</i>	
Annapolis, U.S. Naval Academy, and USGS PWRC/Sea duck Colony	
<i>Tour Package B:</i>	
Baltimore Inner Harbor, Baltimore Aquarium, and USGS PWRC/Sea duck Colony Banquet	6:00 - 8:00

Friday, November 11, 2005

Presentations: Breeding Biology	8:30 - 9:30
Breeding ecology of white-winged scoters on the Yukon Flats National Wildlife Refuge, Alaska (David Safine)	8:30 - 8:45
Breeding success of common eiders is affected by the climate of preceding winter (Aleksi Lehikoinen)	8:45 - 9:00
Factors determining herring gull foraging success within an arctic common eider duck colony (Karel Allard)	9:00 - 9:15
Incubation behavior of King Eiders on Alaska's coastal plain (Rebecca McGuire)	9:15 - 9:30
Presentations: Behavior	9:30 - 10:00
Movement patterns of wintering surf scoters in coastal British Columbia: the roles of habitat and prey type (Molly Kirk)	9:30 - 9:45
Multistate modeling of brood amalgamation in white-winged scoters (<i>Melanitta fusca deglandi</i>) (Joshua Traylor)	9:45 - 10:00
Break	10:00 - 10:30
Presentations: Behavior	10:30 - 11:00
Female-based kin groups in the common eider (<i>Somateria mollissima</i>) (Laura McKinnon)	10:30 - 10:45
Aggressive common eider (<i>Somateria mollissima</i>) females seize central positions and show enhanced parental effort (Markus Öst)	10:45 - 11:00
Presentations: Contaminants and Disease	11:00 - 12:00
Distribution of microbial pathogens in five species of sea ducks: local or global implications for declining populations? (Tuula Hollmen)	11:00 - 11:15
Effects of dietary Selenium exposure in captive American common eiders (<i>Somateria mollissima</i>) (Chris Franson)	11:15 - 11:30
Selenium in boreal white-winged scoters: relationship with body condition and reproduction (Jean-Michel DeVink)	11:30 - 11:45
Resource use by diving ducks during winter on northeastern Lake Ontario: A comparative approach to understanding contaminant acquisition (Michael Schummer)	11:45 - 12:00
END OF MEETING	12:00

Saturday/Sunday, November 12-13, 2005

Waterfowl Festival in Easton, MD
Guided Waterfowl Hunting Trip