

# ASFWB 2013 program

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## Day 1 (October 30th) \*Registration opens at 8 am

8:45 Welcome and opening remarks

### *Plenary Presentation*

09:00 **Jason Leblanc**                      **History of the Atlantic Society of Fish and Wildlife Biologists**

### *Management and Conservation (Moderator: Mark Pulsifer)*

09:40 Richard Elliot                      Estimating the magnitude of human-related bird mortality by sector within Canada

10:00 Anne Benoit                      Conservation priorities for birds in the Atlantic region: what are the most important threats to birds in our region?

10:20 Laurel Bernard                      Nature Conservancy of Canada – conservation planning work and opportunities for research partnerships

10:40 **COFFEE BREAK**

### *Technological Advances in Fish and Wildlife Research in Atlantic Canada (Moderator: David Lieske)*

11:00 Andrew Taylor                      Technological advances in research on Atlantic Sturgeon – new approaches using ultrasonic and pop-up satellite archival tags

11:20 Freya Keyser                      Temporal and spatial movement patterns of striped bass in the Minas Passage and Minas Basin, Bay of Fundy

11:40 Colin Buhariwalla                      Movements and population characteristics of striped bass, *Morone saxatilis* (Walbaum, 1792), in the Mira River, Nova Scotia

12:00 Peter Porskamp                      Passive acoustic detection of harbour porpoises (*Phocoena phocoena*) in the Minas Passage, Nova Scotia, Canada

12:20 **LUNCH and ASFWB Annual General Meeting**

### *Technological Advances in Fish and Wildlife Research in Atlantic Canada (Moderator: Becky Whittam)*

2:20 Philip Taylor                      Automated telemetry arrays: tracking broad-scale movements of terrestrial organisms

2:40 Diana Hamilton                      Duration of stay and movements of Semipalmated Sandpipers (*Calidris pusilla*) during migratory stopover in the upper Bay of Fundy – application of the sensorgenome system

3:00 **COFFEE BREAK**

3:20 Zoe Crysler                      Spring and Fall migratory movements of the Ipswich Sparrow

3:40 Jessica Stephens                      Foraging movements of breeding and post-breeding Arctic (*Sterna paradisaea*) and Common Terns (*Sterna hirundo*) at multiple nesting sites

4:00 Tara Imlay                      Where do migratory birds go? Determining migratory connectivity for swallows using geolocators and stable isotopes

### *Wildlife Health*

4:20 Allysia Park                      Canada's response to white-nose syndrome: plans, infrastructure and actions

4:40 María Forzán                      The Wood Frog, *Rana sylvatica* (*Lithobates sylvaticus*), as a model to study the pathogenesis and host-pathogen interactions of frog virus 3 (FV3)

Note: underlined names denote student presenters

## Day 2 (October 31st)

8:10 Welcome/Announcements

### *Ecosystem Studies (Moderator: Adam Campbell)*

8:20 David Lieske Beyond wetlands: taking a closer look at American Black Duck breeding success in agricultural landscapes

8:40 Lee Millett Factors affecting productivity of duck brood rearing in small wetlands in the Annapolis Valley, Nova Scotia

9:00 Christine McLaughlan Spatio-temporal phenology of macroinvertebrates and bird use of a coastal wetland landscape near Aulac, NB

9:20 Kami Harris The genetic diversity of *Borrelia* isolated from New Brunswick ticks

9:40 **COFFEE BREAK**

### *Management and Conservation (Moderator: Danielle Quinn)*

10:00 Kate Goodale Linking stewardship program participation to farmer engagement in biodiversity conservation practice

10:20 Simon Greenland-Smith Understanding how farmers value wetlands in Nova Scotia: gauging private land conservation potential

10:40 Matthew Mahoney Assessing short term coastal dynamics to predict impacts from severe weather events on Piping Plover

11:00 Brook Beaulieu Temporal examination of roadway passages on animals in Nova Scotia

11:20 Molly Simon Altered environmental stressors and long-term effects on populations and habitats of Common Eiders on Nova Scotia's Eastern Shore

**11:40 LUNCH**

### *Management and Conservation (Moderator: Patricia Edwards)*

12:40 Amie MacDonald Population dynamics of invasive green crabs on mudflats in the Upper Bay of Fundy

1:00 Nora Spencer Distribution and annual movements of the Ivory Gull (*Pagophila eburnea*) in the Canadian Arctic

1:20 Mathieu Gregoire Population characteristics of a winter kill of striped bass during a shutdown of the Trenton power plant, Pictou County, NS

1:40 **COFFEE BREAK**

2:00 Sean Blaney Documenting climate-sensitive rare Arctic flora in northern Cape Breton, Nova Scotia

2:20 John Klymko Maritimes Butterfly Atlas

2:40 Sean Basquill Role of the government wildlife biologist – current functions, common (mis)perceptions, and future directions

3:00 Student Awards/Closing

## Meeting Sponsors



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## Poster Presentations

Posters will be available for viewing throughout the meeting.

Anna Duncan      Assessing hybridization between *I. cookie* and *I. scapularis* as a factor in the spread of lyme disease in New Brunswick

Corey Filiaggi      Assessing the risk of Lyme Disease in New Brunswick

Darla Saunders      Atlantic Salmon Conservation Foundation

Andy Smith      Fisheries and aquatic habitat management at 5<sup>th</sup> Canadian Division Support Base Gagetown

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