

AGENDA - ArcticWOLVES meeting
18-20 November 2010
Université Laval, Québec City, Canada
2425 rue de la Terrasse, Pavillon Kruger, Room 2320-2330

Thursday, 18 November

- 8:30h Welcome word
Reinhard Pienitz, Centre d'études nordiques and vice-dean of research, Université Laval
- 8:40h Overview of ArcticWOLVES project
Gilles Gauthier, Université Laval
- 9:00h The lemming cycle in the north Yukon, 2007-2010
Charles J. Krebs, University of British Columbia
- 9:30h Snow depth and small mammal habitat use: a tundra fencing experiment
Don Reid, Wildlife Conservation Society Canada
- 10:00h **Break**
- 10:30h Barnacle Goose predation on Spitsbergen: an ecosystem without lemmings
Maarten J.J.E. Loonen, University of Groningen, Arctic Centre, Netherlands
- 11:00h Life under the snow: the effect of the snow cover on lemming population dynamics
Frédéric Bilodeau, Université Laval
- 11:30h Small rodent feeding ecology - circumpolar patterns?
Eeva Soininen, University of Tromsø, Norway
- 12:00h **LUNCH**
- 13:00h Use of sea ice and marine resources in arctic foxes on Bylot Island: overview from satellite tracking and diet analysis
Arnaud Tarroux, Université du Québec à Rimouski
- 13:30h Responses of avian predators to the annual variations in abundance of small mammals
Jean-François Therrien, Université Laval
- 14:00h Interactions between preferred, alternate and incidental prey on Bylot Island
Laura McKinnon, Université du Québec à Rimouski
- 14:30h Breeding performance of waders in the Russian Arctic: linking data from different scales
Mikhail Soloviev, Moscow State University
- 15:00h **Break**
- 15:30h Eco-evolutionary forecasting in changing Arctic landscapes
Douglas W. Morris, Lakehead University
- 16:00h Predation risk increases competition for habitat between coexisting lemmings
Angélique Dupuch, Lakehead University
- 16:30h Modeling temporal trophic dynamics of a terrestrial arctic ecosystem
Pierre Legagneux, Université Laval
- 18:30h DINNER** (in a restaurant)

Friday, 19 November

- 8:30h Arctic Predators as indicators of tundra ecosystem state : objectives, results and perspectives
Nigel Gilles Yoccoz, Dorothée Ehrich, Nicolas Lecomte, Rolf Ims & Eva Fuglei, University of Tromsø, Norway
- 9:30h Siberian Lemming in Yamal (Russia): shift to the North?
Aleksander Sokolov, Institute of Plant and Animal Ecology, Russian Academy of Sciences
- 10:00h **Break**
- 10:30h Temporal changes in bird communities at a low Arctic site: importance of phenology and small mammal cycle
Vasily Sokolov, Institute of Plant and Animal Ecology, Russian Academy of Sciences
- 11:00h Vegetation and soil responses to simulated snow goose herbivory in two arctic systems
Emma Horrigan, University of Toronto
- 11:30h Impacts of muskox foraging on the vegetation in the Zackenberg valley
Niels Martin Schmidt, National Environmental Research Institute, Aarhus University, Denmark
- 12:00h **LUNCH**
- 12:45h Poster session
- 13:45h Climate change and the ecological mismatch between Greater Snow Goose breeding and plant phenology
Madeleine Doiron
- 14:15h Terrestrial arthropod abundance and phenology in the Canadian Arctic; modeling the variation in resources available to arctic-nesting insectivores
Élise Bolduc, Université du Québec à Rimouski
- 14:45h Linking science and traditional ecological knowledge in understanding impacts of climate change on geese in the Hudson Bay Lowland
Jennifer Robus, Trent University
- 15:15h **Break**
- 15:45h Overview of the CiCAT IPY project
Greg Henry, University of British Columbia
- 18:30h **BANQUET**

Saturday, 20 November

- 8:30h The WOLVES database
Marie-Christine Cadieux and Luc Cournoyer
- 8:45h ArcticWOLVES synthesis report
Gilles Gauthier and Dominique Berteaux
- 9:00h Break-out in discussion groups on writing plans and future collaborations
- 10:45h **Break**
- 11:00h Report of break-out groups and general discussion
- 11:45h Final word
Gilles Gauthier
- 12:00h End of meeting

Posters

* Posters will be available for viewing throughout the meeting. However, a 30 minutes period is allocated on the second day of the program for those specifically interested in discussing with the authors of the posters

Bottom-up controls on *Carex aquatilis* growth - The role of winter and spring processes on nutrient availability.

Kate A. Edwards and Robert L. Jefferies, University of Toronto.

Shrub expansion in the alpine and arctic tundra of Yukon Territory.

Isla Myers-Smith, University of Alberta

Butterflies of Herschel Island and Komakuk, Yukon.

Maria Leung, Wild Tracks Ecological Consulting

Impact on Greater Snow Goose habitat by wetland drainage resulting from permafrost gullyng on Bylot Island, NU, Canada.

Étienne Godin, Université de Montréal

Molt migration of Greater Snow Geese (*Chen caerulescens atlantica*)

Émilie Chalifour, Université du Québec à Rimouski

Birds are nesting earlier on Herschel Island, Yukon.

Frank Doyle, Wildlife Dynamics Inc

Growth and survival of Peregrine Falcons nestlings (*Falco peregrinus*) in Nunavut

Alexandre Anctil, Université du Québec à Rimouski

Stable isotope analysis for investigating raptors ecology

Ivan Pokrovsky, University of Moscow and University of Tromsø

Trophic position of the arctic fox in three different sites: faeces and stable isotope analysis

Anna Rodnikova, University of Moscow and University of Tromsø

Status of ecosystem monitoring in Greenland (GEM)

Peter Aastrup, National Environmental Research Institute, Denmark

Junk food in the Arctic: Feeding ecology of the Long-tailed Jaeger at Alert, Ellesmere Island. Canada.

Jean-Rémi Julien, Université Laval