

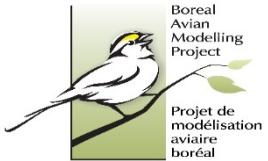


© John Réaume

Collaborating for Conservation of Managed Forested Landscapes

FIONA SCHMIEGELOW

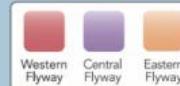
2017 SFI ANNUAL CONFERENCE
SEPTEMBER 27-29, 2017 OTTAWA, CANADA



THE BOREAL FOREST

Replete with superlatives...



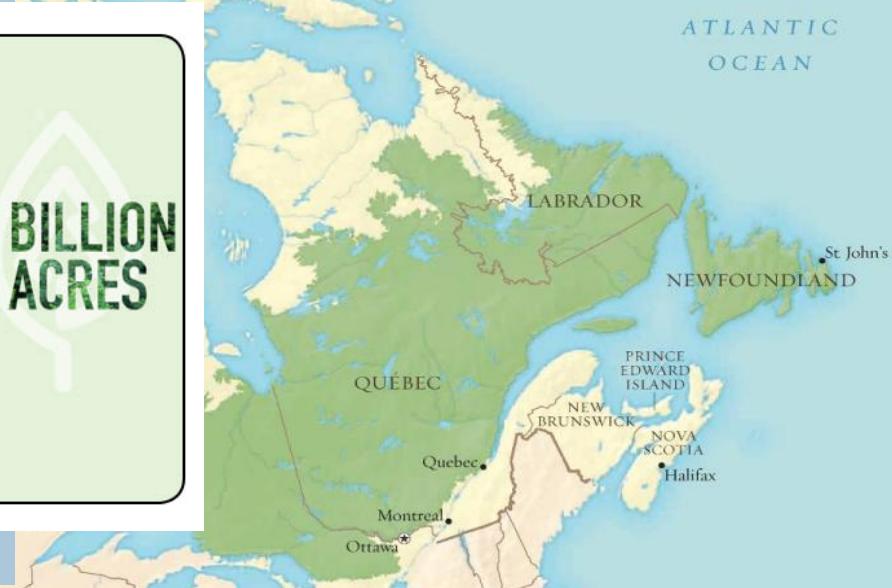


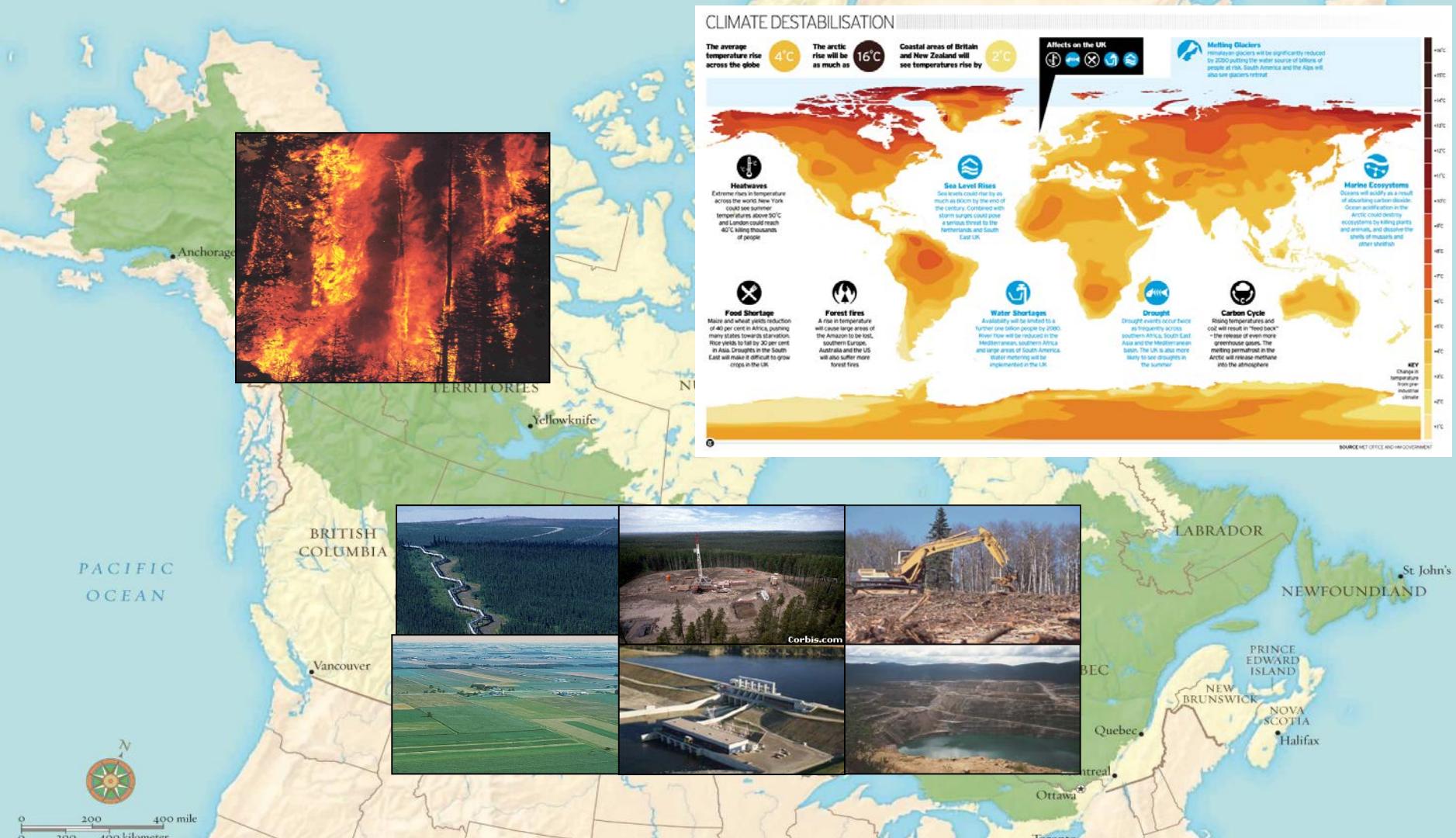
**BIG ENOUGH TO MAKE
A DIFFERENCE**

Across the U.S. and Canada, more than a quarter-billion acres are certified to the SFI® Forest Management Standard.

1/4 BILLION ACRES

100+ COMPANIES
certified to SFI Fiber Sourcing





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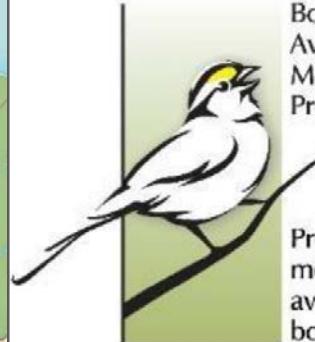
big da·ta
noun

extremely large data sets that may be analyzed to reveal patterns, trends, and associations



CANADIAN
BEACONs
PROJECT

Boreal Ecosystems Analysis
for Conservation Networks



Boreal
Avian
Modelling
Project

Projet de
modélisation
avariaire
boréal

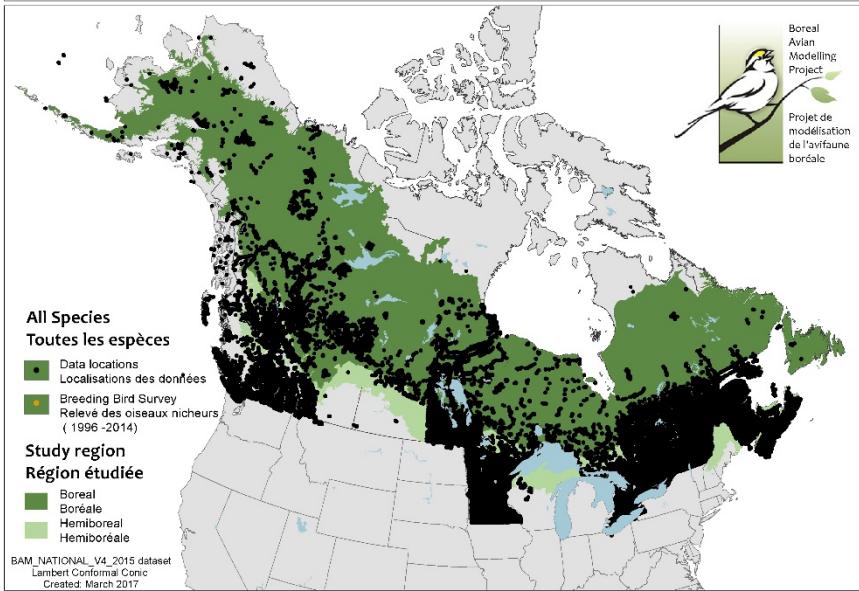
BAM Avian Database (black)

- >140 projects
- >150,000 locations
- > 300,000 point counts
- > **3,000,000 bird observations**

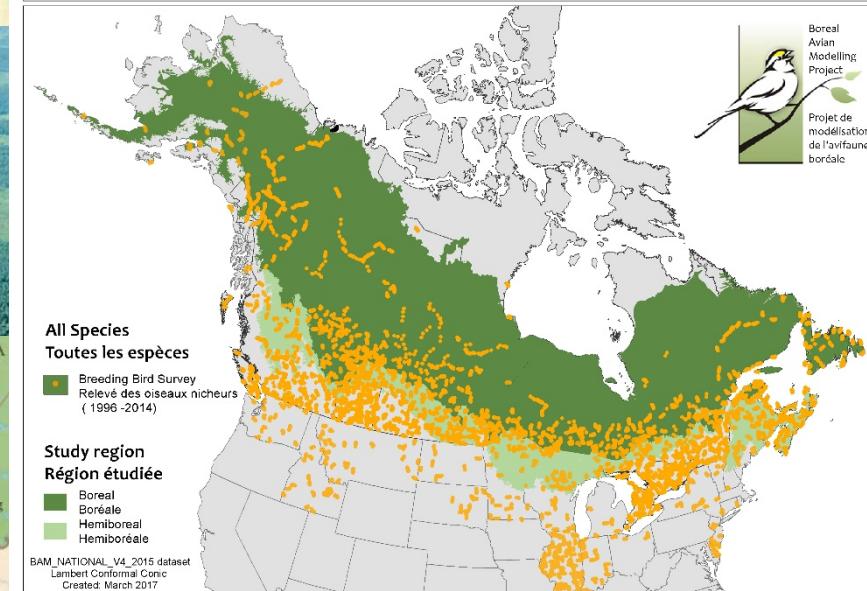
Breeding Bird Survey (yellow)

- Canada, Alaskan and n. US routes
- Up to 2014
- > 600,000 point counts
- > **4,000,000 bird observations**

Data Locations
Localisations des données

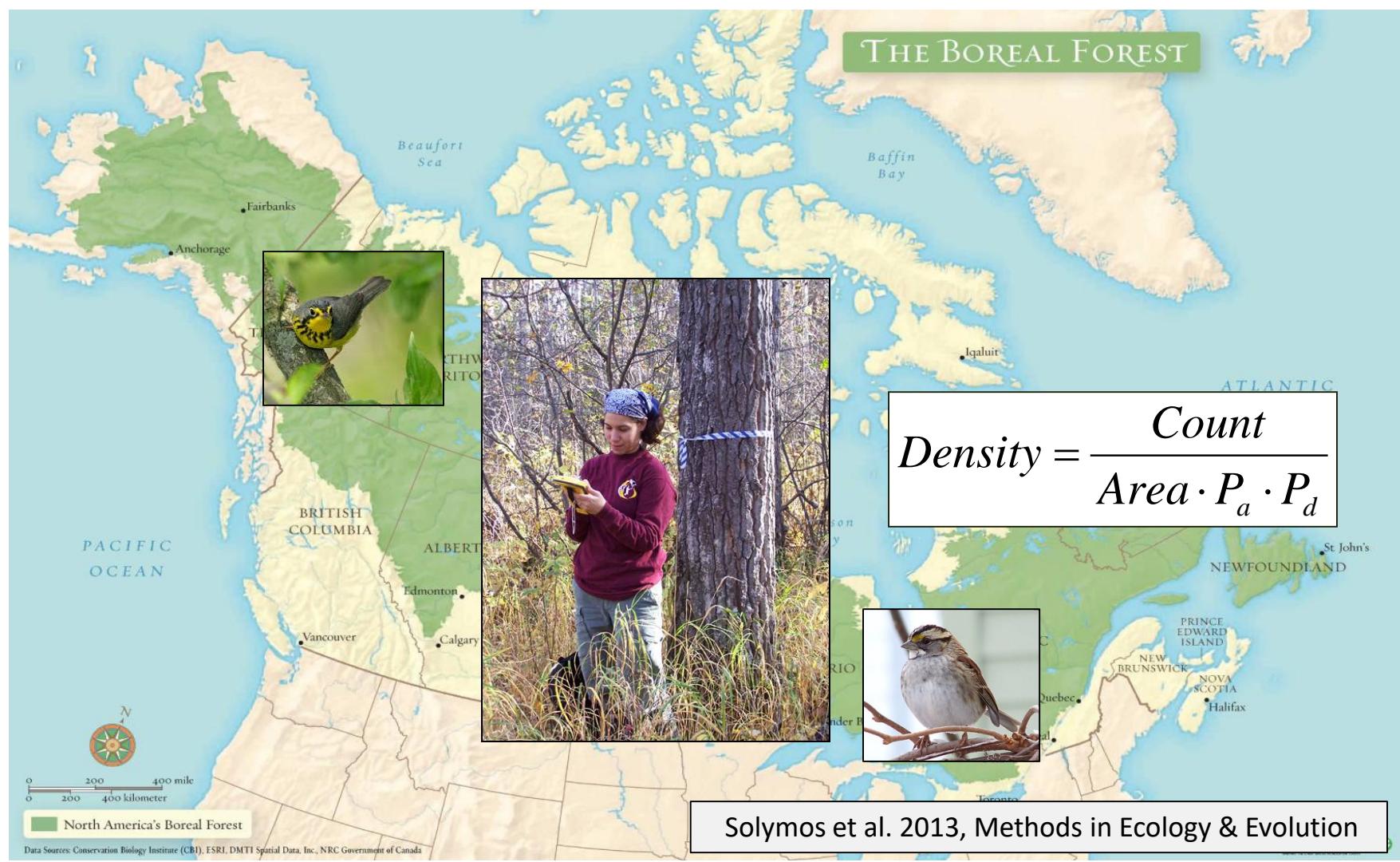


Data Locations
Localisations des données

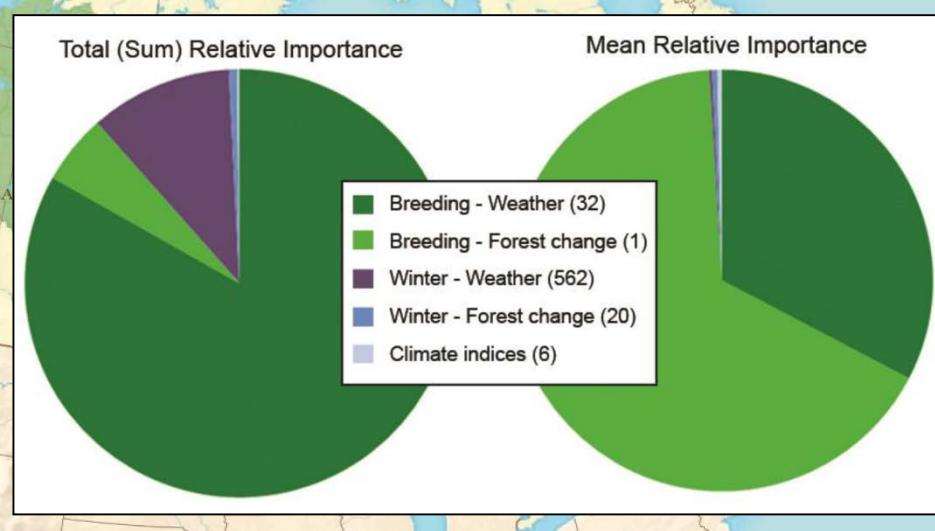
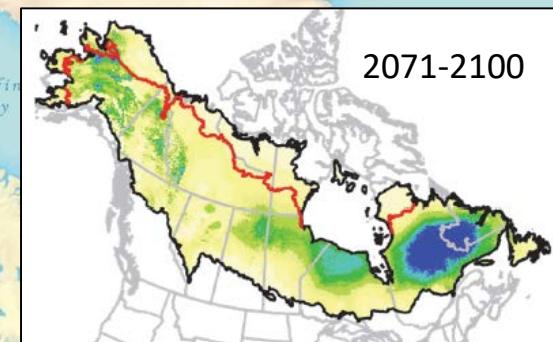
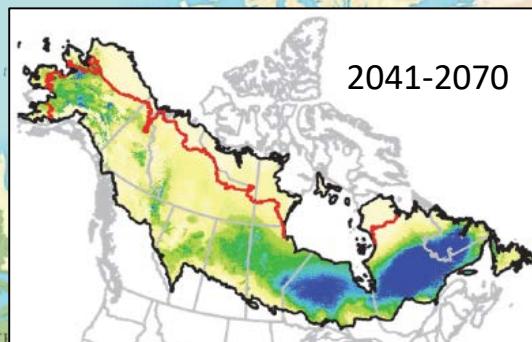
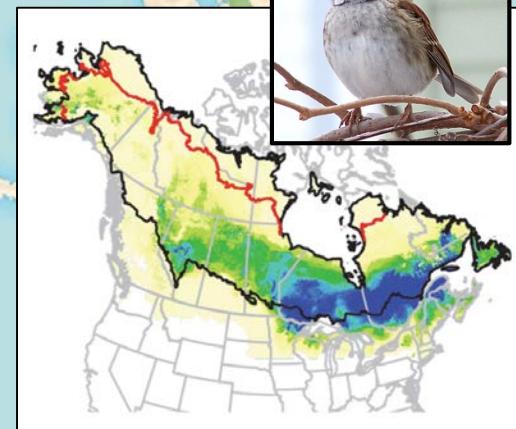


Cumming et al 2010, ACE-ECO; Barker et al 2015, Wildlife Society Bulletin

THE BOREAL FOREST



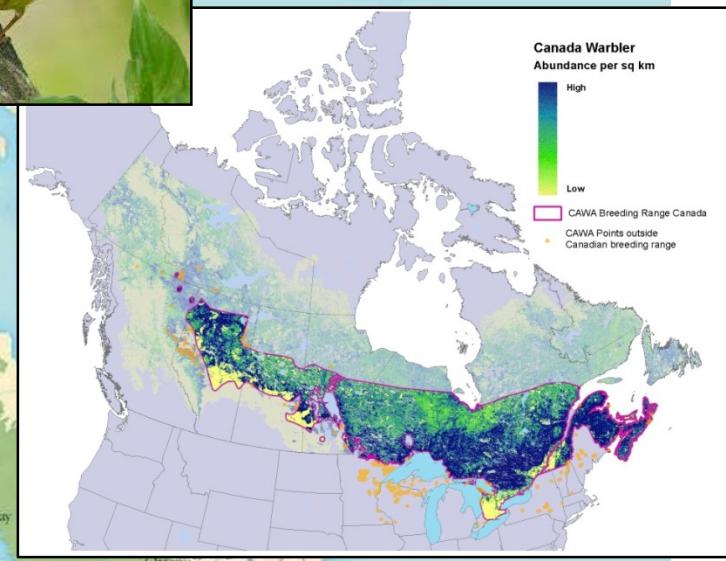
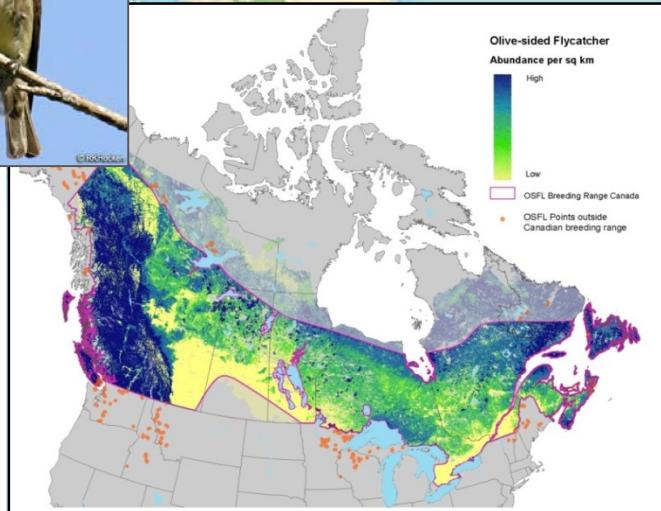
Solymos et al. 2013, Methods in Ecology & Evolution



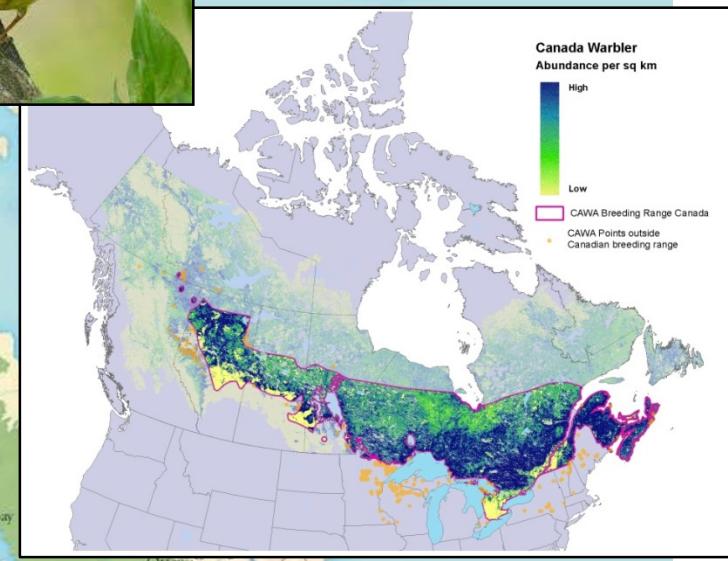
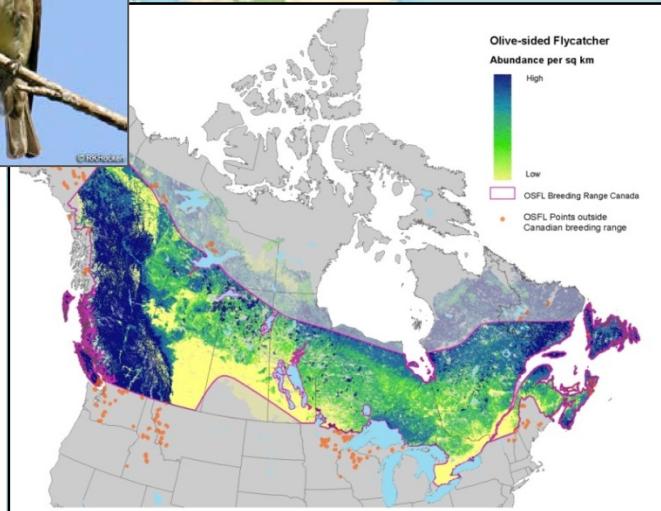
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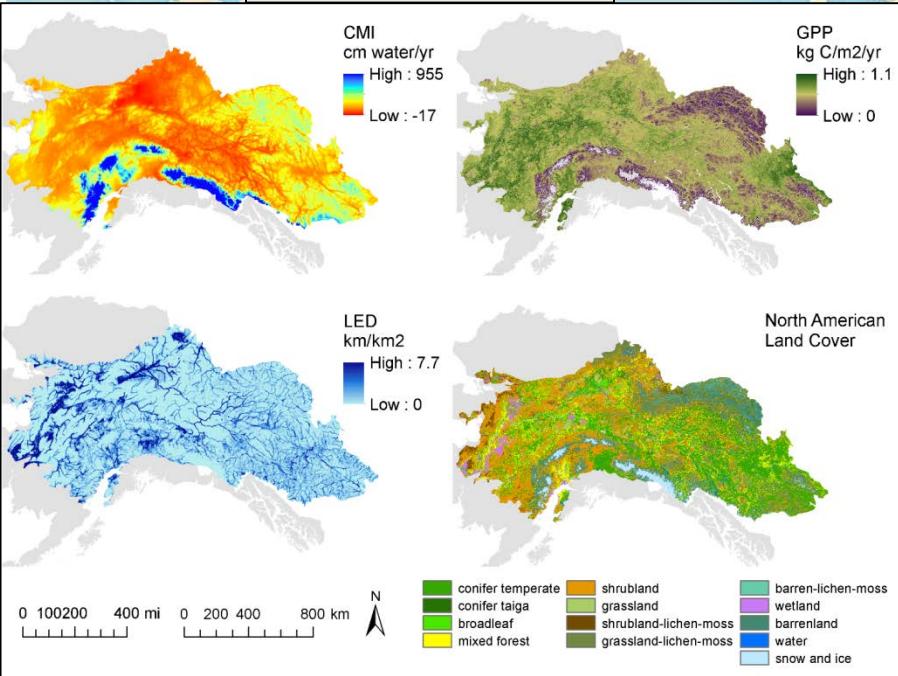
THE BOREAL FOREST



THE BOREAL FOREST

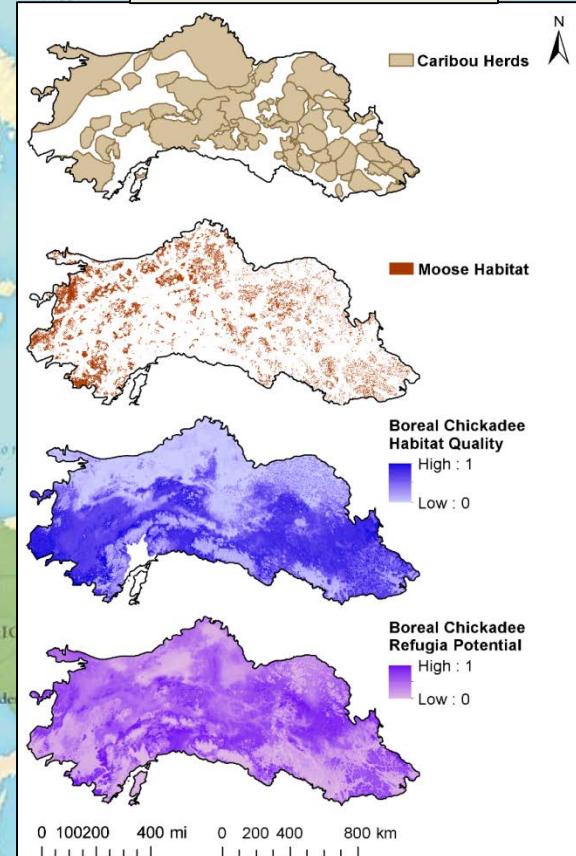


Representation



THE BOREAL FOREST

Focal Species



BEACONs Project



Data Sources: Conservation Biology Institute (CBI), ESRI, DMTI Spatial Data, Inc., NRC Government of Canada



Conservancy



THE BOREAL AVIAN MODELLING PROJECT

[Background](#)[Who We Are](#)[Results](#)[Data](#)[Methods](#)[Resources](#)

Review the results of our analyses for boreal birds by typing a species name into our bird search, or browsing the alphabetical list.

1 2 3 4 5 6

SEARCH
for a species of
Boreal Bird...



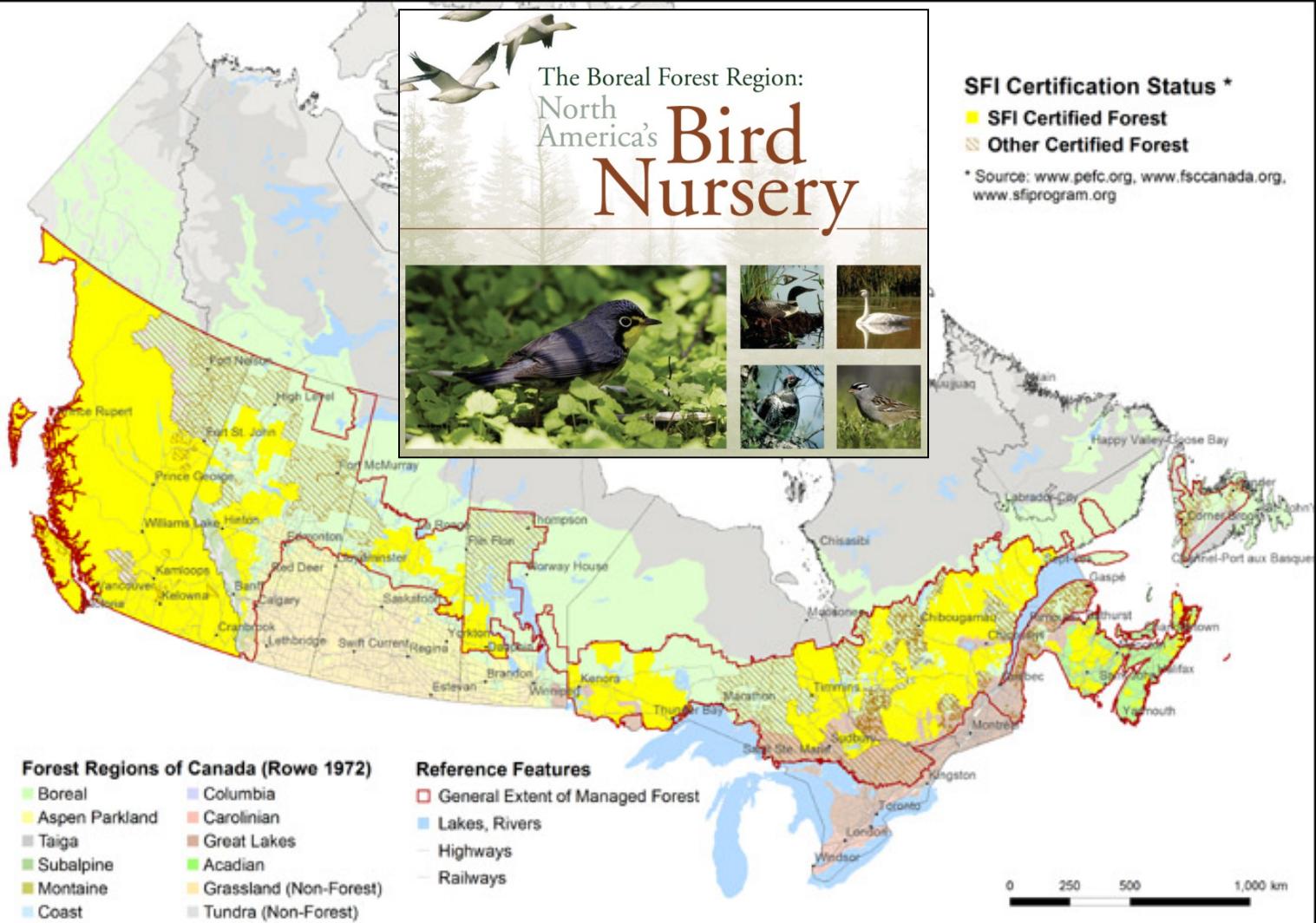
The Boreal Avian Modelling Project is a collaborative science program committed to improved understanding of the ecology of birds and their habitats in the boreal region of North America.

Using quantitative modelling techniques and a comprehensive dataset assembled from projects across the continent, we derive information on abundance, distribution and habitats of boreal birds, and use this to evaluate and predict the effects of human activity.

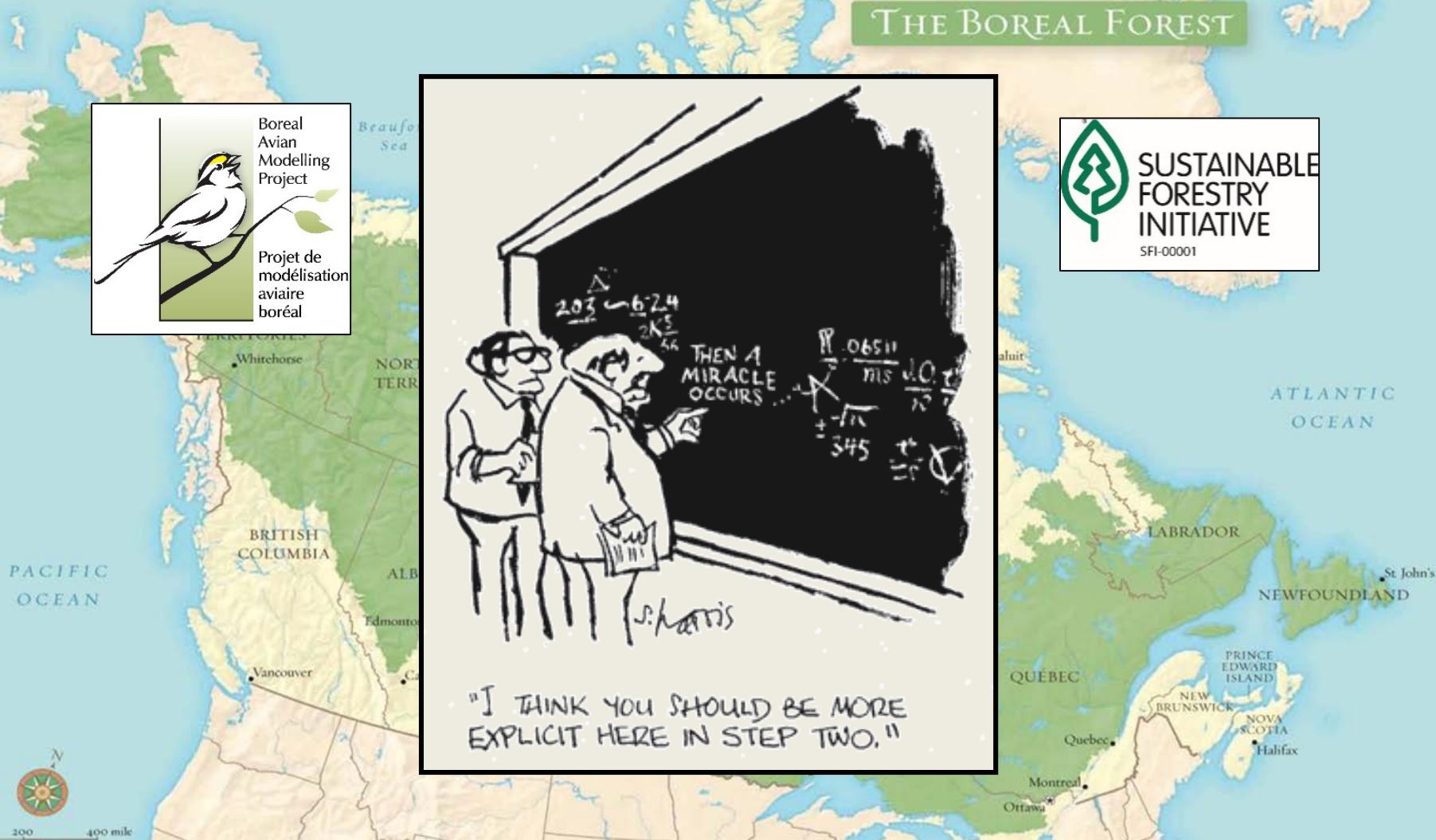
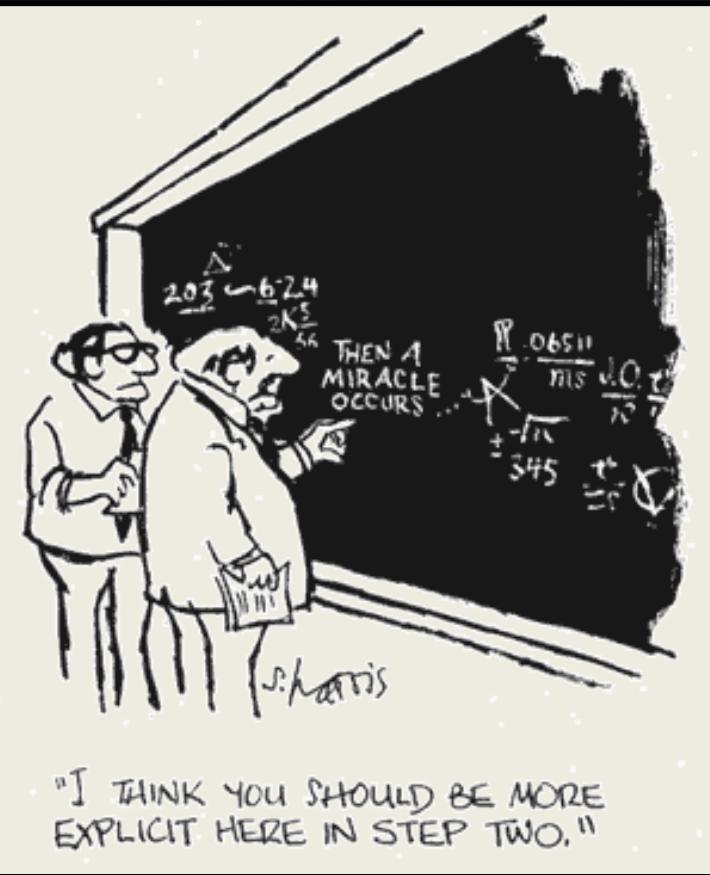
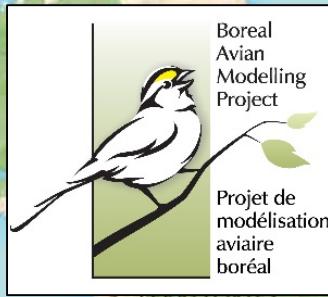
THE BOREAL FOREST



Objective 4. Conservation of Biological Diversity



THE BOREAL FOREST



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0 200 400 mile



Environment and
Climate Change Canada

Environnement et
Changement climatique Canada

