



26 septembre 2014

Bureau du premier ministre du Québec
Édifice Honoré-Mercier, 3e étage
835, boul. René-Lévesque Est
Québec (Québec) G1A 1B4

Cher monsieur Couillard,

Dans une lettre envoyée en mai 2005, 1500 scientifiques de plus de 50 pays à travers le monde, dont 71 du Québec, ont demandé aux leaders des gouvernements canadiens de veiller à la protection d'au moins la moitié de la forêt boréale du Canada. Depuis cet appel, nous avons suivi la progression de ce dossier avec beaucoup d'intérêt.

Nous avons été ravis d'apprendre que le 9 mai 2011, après 60 réunions de groupes de travail sectoriels et de concertation, les représentants du gouvernement du Québec, des régions, des gouvernements des Premières Nations (Cris, Naskapis, Innus) et Inuit, et les secteurs socio-économiques, communautaires, et environnementaux ont signé une « Déclaration de partenaires » s'engageant dans une série de politiques de développement durable dans le nord du Québec qui comprenait l'engagement à consacrer 50 % du territoire à des fins non industrielles, à la protection de l'environnement, et à la sauvegarde de la biodiversité.¹

Le 5 Février 2012, un délai a été fixé pour atteindre cet objectif d'ici 2035, avec un objectif intermédiaire de 20 % d'ici 2020, ainsi qu'une planification écologique qui devait être lancée en 2013.¹ Au cours de la récente campagne électorale, vous vous êtes engagé à relancer le Plan Nord dans toutes ses dimensions économiques, sociales et environnementales en reprenant où nous avons laissé.²

Cet engagement méritait, et a en effet reçu, le soutien des communautés scientifiques et environnementales internationales; en protégeant la moitié de l'environnement naturel du nord du Québec et en assurant un développement responsable dans le reste de la région, votre gouvernement mettra en mouvement un des projets de développement durable et de conservation de la nature les plus ambitieux en Amérique du Nord, projet qui pourrait servir de modèle au reste du monde.

¹ <http://www.mddep.gouv.qc.ca/infuseur/communique.asp?no=2036>

² <http://www.plq.org/fr/article/un-gouvernement-liberal-relancera-le-developpement-durable-du-nord--avec-le-plan-nord-->

En 2012, lors de son Congrès mondial de la nature, l'Union internationale pour la conservation de la nature a affirmé que « l'objectif établi de préserver 50 % du territoire nordique du Québec de l'activité industriel - s'il se concrétise correctement - pourrait servir de modèle planétaire en cette heure grave où nous luttons contre les immenses défis que sont la perte de diversité et les changements climatiques » et a salué « la vision et l'engagement du Gouvernement du Québec à l'égard de la conservation de la nature et du respect des droits des peuples autochtones ».³

Les scientifiques ont déjà catalogué certaines des ressources naturelles qui constituent le patrimoine naturel du nord du Québec. En ce qui concerne la faune, le nord du Québec fournit un habitat à 340 millions d'oiseaux, ainsi que certaines des plus grandes populations de caribous migrateurs et poissons d'eau douce en Amérique du Nord. Cependant, les populations de certaines espèces sont très basses : le caribou des bois, le carcajou et l'aigle royal se trouvent tous sur la liste des espèces menacées ou vulnérables au Québec, tandis que les grands troupeaux de caribous migrateurs de jadis sont considérablement diminués. En termes d'écoservices de la région boréale au bénéfice de la société, y compris la filtration de l'eau et le stockage du carbone, leur valeur totale non marchande est estimée à 13,8 plus élevée que la valeur marchande nette de l'extraction du capital naturel.ⁱⁱ

En plus de la grande biodiversité de cette région, le changement climatique est une préoccupation majeure qui influence notre vision de la planification de la conservation du nord du Québec. Chaque jour, de nouveaux facteurs indiquent que la dégradation de l'environnement affecte fondamentalement notre patrimoine naturel, et la réduction des émissions industrielles de carbone est une priorité absolue. Bien qu'il soit tentant de s'appuyer sur des solutions technologiques prouvées coûteuses, une approche responsable et durable s'inscrit dans notre cadre actuel de connaissances. Les écosystèmes boréaux stockent efficacement plus de carbone dans leurs arbres, leur sol et leur tourbe que tout autre environnement. Il est de notre responsabilité d'être les gardiens de ces vastes réserves de carbone nordique.ⁱⁱⁱ

Le domaine de la biologie de la conservation identifie quatre objectifs nécessaires dans l'atteinte de la viabilité à long terme d'un écosystème:^{iv,v}

1. la représentation de tous les types d'écosystèmes naturels dans les aires protégées;
2. le maintien des populations de toutes les espèces indigènes conformément aux fluctuations naturelles en termes d'abondance et de répartition;
3. la préservation des processus écologiques; et
4. la préservation de la résilience aux changements environnementaux.

Dans le contexte du nord du Québec, il est également important que nos décisions de conservation et de développement soient fondées sur des données scientifiques solides.

³ <https://portals.iucn.org/docs/iucnpolicy/2012-resolutions/fr/WCC-2012-Res-064-FR%20Reconnaitre%20les%20progres%20du%20Quebec%20en%20matiere%20de%20conservation%20de%20la%20region%20boreale.pdf>

Il est de notre ferme espoir que le l'état naturel du nord du Québec puisse être maintenu pour les générations futures, et qu'un processus de planification assurera que les objectifs de conservation soient atteints, lors de la planification pour le développement futur, d'une manière qui soit compatible avec ces objectifs. Il sera également important d'agir rapidement pour identifier les zones qui répondent à ces critères et qui pourraient être vulnérables au développement industriel afin que les conflits potentiels puissent être adressés et résolus.

Nous, les scientifiques signataires, vous encourageons à maintenir votre engagement à protéger au moins 50 % de la région située au nord du 49e parallèle de toute activité industrielle d'ici 2035, veillant ainsi que le statut global du Québec comme chef de file en matière de conservation demeure un objectif qui représente les aspirations de la société québécoise dans son ensemble, plutôt que celui d'un parti en particulier. Nous, à notre tour, promettons de travailler avec vous et avec les organismes de recherche, les peuples autochtones, les communautés locales, les différentes parties prenantes sectorielles, les groupes de conservation ainsi que les entreprises de la région boréale du Québec pour réaliser cette vision.

Nous vous exhortons, monsieur Couillard, à rapidement mettre en place ce processus de planification. Nous demandons que cela soit fait d'une manière qui engage pleinement les communautés dans ces régions, en particulier les peuples autochtones, dont les connaissances, les relations et, surtout, les droits doivent être respectés.

Nous sommes convaincus qu'en agissant de la sorte, le Québec va s'imposer comme un chef de file mondial dans le développement durable, la conservation de la biodiversité et la lutte contre les changements climatiques, tout en faisant croître son économie et créant un nouveau modèle de gestion des écosystèmes pour le 21e siècle, qui constituera la norme pour les pays du monde entier.

- i. Berteaux, D. 2013. Quebec's large-scale Plan Nord. *Conservation Biology* 27:242-243.
- ii. M. Anielski and S. Wilson, 2009. *Counting Canada's Natural Capital: Assessing the Real Value of Canada's Boreal Ecosystems*. Canadian Boreal Initiative and The Pembina Institute, p. 61.
- iii. Cette responsabilité a été exprimée par l'Union internationale de conservation de la nature (IUCN), qui a recommandé que le Canada et la Russie assurent la protection de leurs régions boréales.
- iv. International Boreal Conservation Science Panel. 2013. *Préservation de la dernière grande forêt de la Terre : mode d'emploi*. <http://borealscience.org/wp-content/uploads/2013/07/conserving-last-great-forests-fr1.pdf>
- v. Noss, R.F., A.P. Dobson, R. Baldwin, P. Beier, C.R. Davis, D.A. Dellasala, J. Francis, H. Locke, K. Nowak, R. Lopez, C. Reining, S.C. Trombulak, and G. Tabor. 2012. Bolder thinking for conservation. *Conservation Biology* 26:1-4.

Sincèrement vôtres,

Jeff Wells, Ph. D.
Senior Scientist
International Boreal
Conservation Campaign

David Schindler, Ph. D.
Killam Memorial Professor
Emeritus
University of Alberta

Stuart Pimm, Ph. D.
Doris Duke Professor of
Conservation Ecology
Duke University

Bridget Stutchbury, Ph. D.
Professor of Biology
York University

Gordon Orians, Ph. D.
Professor Emeritus of Biology
University of Washington

James Strittholt, Ph. D.
*President and Executive
Director*
Conservation Biology Institute

John Jacobs, Ph. D.
*Honorary Research Professor,
Geography*
Memorial University of
Newfoundland

James Schaefer, Ph. D.
Professor of Biology
Trent University

Jeremy Kerr, Ph. D.
Professor of Biology
University of Ottawa

Nancy Turner, Ph. D.
*Professor of Environmental
Studies*
University of Victoria

Micheline Manseau, Ph. D.
Professor of Ecology
University of Manitoba

Hugh Possingham, Ph. D.
*Professor of Mathematics,
Ecology*
University of Queensland

David Wilcove, Ph. D.
*Professor of Public Affairs,
Ecology*
Princeton University

Malcolm Hunter, Ph. D.
Professor of Wildlife Ecology
University of Maine

Reed Noss, Ph. D.
Professor of Biology
University of Central Florida

John Fitzpatrick, Ph. D.
Executive Director
Cornell Lab of Ornithology

**Martin-Hugues St-Laurent,
Ph. D.**
*Associate Professor in Animal
Ecology*
Université du Québec à
Rimouski

Bernd Heinrich, Ph. D.
Professor Emeritus of Biology
University of Vermont

Robert Baldwin, Ph. D.
Professor
Clemson University

John Pastor, Ph. D.
Professor, Ecosystems Ecology
University of Minnesota Duluth

David Pashley, Ph. D.
*Vice President of US
Conservation Partnerships*
American Bird Conservancy

Brendan Mackey, Ph. D.
*Director, Climate Change
Response Program*
Griffith University

Corey Bradshaw, Ph. D.
*Director, Climate and Ecology
Centre*
The University of Adelaide

Fred Adler, Ph. D.
Professor of Mathematics
University of Utah

John Lichter, Ph. D.
*Professor of Biology and
Environmental Studies*
Bowdoin College

Kevin Gaston, Ph. D.
*Conservation Director of
Environment*
Environment & Sustainability
Institute

John Fanshawe, Ph. D.
Senior Strategy Adviser
BirdLife International

Simon Levin, Ph. D.
*George M. Moffett Professor of
Biology*
Princeton University

Peter Raven, Ph. D.
President Emeritus
Missouri Botanical Garden

Pascal Badiou, Ph. D.
Research Scientist
Ducks Unlimited Canada

Nigel Roulet, Ph. D.
*James McGill Research Professor
of Biogeoscience*
McGill University

Russell Mittermeier, Ph. D.
President
Conservation International

Herb Wilson, Ph. D.
Professor of Biology
Colby College

Henry Huntington, Ph. D.
Science Director
Ocean's North U.S.

Stephen Trombulak, Ph. D.
*Director, School of the
Environment*
Middlebury College

William Ripple, Ph. D.
*Professor, Dept. of Forest
Ecosystems and Society*
Oregon State University

Dominique Berteaux, Ph. D.
*Chaire de recherche du Canada
en biodiversité nord*
Université du Québec à
Rimouski

Stephen Loring, Ph. D.
*Museum Anthropologist and
Arctic Archaeologist*
Smithsonian Institute

Raimo Virkkala, Ph. D.
Leading Researcher
Finnish Environment Institute

David Foster, Ph. D.
Director, Harvard Forest
Harvard University

Nils Christian Stenseth, Ph. D.
*Professor of Ecology and
Evolution*
University of Oslo

André Dhondt, Ph. D.
*Edwin H. Morgens Professor of
Ornithology*
Cornell University

Barbara Zimmerman, Ph. D.
Director, Kayapo Project
International Conservation
Fund of Canada

Nat Wheelwright, Ph. D.
Professor of Natural Sciences
Bowdoin College

Anastassia Makarieva, Ph. D.
Senior Researcher
Petersburg Nuclear Physics
Institute

Terry Root, Ph. D.
Professor of Biology
Stanford University

Bryan Watts, Ph. D.
*Director, Center for
Conservation Biology*
College of William and Mary

Chris Rimmer
Director
Vermont Center for Ecostudies

David Haskell, Ph. D.
Professor of Biology
University of the South

Gary Langham, Ph. D.
*Vice President and Chief
Scientist*
National Audubon Society

Lyn Baldwin, Ph. D.
Associate Professor
Thompson Rivers University

Faith Walker, Ph. D.
Research Scientist
University

Vikram Chhatre, Ph. D.
Postdoctoral Researcher
USDA Forest Service

Vladimir Pravosudov, Ph. D.
Professor
University of Nevada Reno, USA

Theresa Burg, Ph. D.
Associate Professor
University of Lethbridge

Madhur Anand, Ph. D.
Professor

John Farrell, Ph. D.
*Associate Professor of Aquatic
and Fisheries Science*
State University of New York

Tine Huysse, Ph. D.
Katholieke universiteit Leuven

Dominique Arseneault, Ph. D.
Professor
Université du Québec à
Rimouski

Thomas R. Fisher, Ph. D.
Professor
University of Maryland Center
for Environmental Science

Hans Estrup Andersen, Ph. D.
Senior Scientist
Aarhus University, Denmark

Susan Gaskin, Ph. D.
Associate Professor
Civil Engineering, McGill
University

Frode Jacobsen, Ph. D.

Patricia Chow-Fraser, Ph. D.
*Director of Life Sciences,
Professor of Biology*
McMaster University

Steve Sheffield, Ph. D.
Professor
Virginia Tech, Bowie State
University

Spencer Barrett, Ph. D.
Canada Research Chair
University of Toronto

Christian Jersabek, Ph. D.
University of Salzburg

Snaebjorn Palsson, Ph. D.
Professor
University of Iceland

Marco Festa-Bianchet, Ph. D.
Professeur Titulaire
Université de Sherbrooke

Ralph Cartar, Ph. D.
*Associate Professor (Biological
Sciences)*
University of Calgary

Richard Lindroth, Ph. D.
*Professor and Associate Dean
for Research*
University of Wisconsin-
Madison

Ib Johnsen, Ph. D.
Professor
University of Copenhagen,
Denmark

Colin Macfarlane
Master's Candidate
University of Lethbridge

**Ernesto C. Enkerlin-Hoeflich,
Ph. D.**
Professor
Chair, World Commission on
Protected Areas

Susan Shirley, Ph. D.
Research Associate

Root Gorelick
Associate Professor
Carleton University

Edwin Brands, Ph. D.
*Assistant Professor,
Environmental Studies*
University of Minnesota Morris

Andreas Beck, Ph. D.
Research Scientist and Curator
University

Fabien Lamaze, Ph. D.
Postdoc
Université Laval

Rachael Adams
University of Lethbridge

Bengt Carlsson, Ph. D.
Editor
Uppsala University

Dolph Schluter, Ph. D.
Professor
University of British Columbia

David Berg, Ph. D.
Professor of Biology
Miami University (Ohio)

Poulin Brigitte, Ph. D.
Head of Ecosystems Department
Private Research Center

Brendan Graham
Graduate Student
University of Windsor

Matthew Kaproth, Ph. D.
Postdoctoral Research Associate
University of Minnesota

William Etges, Ph. D.
Professor
University of Arkansas

Luise Hermanutz, Ph. D.
Professor of Biology
Memorial University

Peter Graham
Professeur a temps partiel
Concordia University

Przemysław Chylarecki, Ph. D.
Institute of Zoology, Polish
Academy of Sciences

Peter White, Ph. D.
Professor
University of North Carolina at
Chapel Hill

Victor Cueto, Ph. D.
Scientific Research
National Council for Science
and Technology

Andrew Iwaniuk, Ph. D.
Associate Professor
University of Lethbridge

Claus Wedekind, Ph. D.
Professor
University of Lausanne

Thomas Gillespie, Ph. D.
Professor
UCLA

Jacques Hausser, Ph. D.
Professeur Honoraire
Département d'Ecologie et
Evolution, Université de
Lausanne

Brett Ratcliffe, Ph. D.
Curator and Professor
University of Nebraska

William Baker, Ph. D.
Professor
University of Wyoming

Urban Olsson, Ph. D.
Associate Professor
University of Gothenburg

Dror Etzion, Ph. D.
Professor
McGill University

Walter Koenig, Ph. D.
Senior Scientist
Cornell University

Kimberly Dohms
Ph. D. Candidate
University of Lethbridge

Philip Rundel, Ph. D.
Distinguished Professor
UCLA

Amanda Cheeseman
Ph.D. Student
State University of New York,
College of Environmental
Science and Forestry

Mariana Bulgarella, Ph. D.
Postdoctoral Associate
University of Minnesota

Jeremy Schwartzentruber
McGill University

Donald Kramer, Ph. D.
Professor Emeritus
McGill University

Mark Davis, Ph. D.
*DeWitt Wallace Professor of
Biology*
Macalester College

<p>Cyril Kormos <i>Vice President for Policy</i> The WILD Foundation</p>	<p>Alan Gillogly, Ph. D. <i>Curator of Entomology</i> The College of Idaho</p>	<p>Frances James, Ph. D. <i>Pasquale Graiadei Professor</i> <i>Emerita</i> Florida State University</p>
<p>Thomas Fleischner, Ph. D. <i>Professor; Director, Natural</i> <i>History Institute</i> Prescott College</p>	<p>Francois Lutzoni, Ph. D. <i>Professor</i> Duke University</p>	<p>Robert Poulin, Ph. D. <i>Professor</i> University of Otago</p>
<p>Andrew Hurly, Ph. D. <i>Professor</i> University of Lethbridge</p>	<p>Dominick DellaSala, Ph. D. <i>Chief Scientist</i> Geos Institute</p>	<p>Nicolas Lachance-Bernard, Ph. D. <i>CEO & Research Assistant</i> Citiviz Sàrl & Ecole polytechnique fédérale de Lausanne</p>
<p>Sarah Stockwell, Ph. D. University of California, San Diego</p>	<p>Ricardo Scrosati, Ph. D. <i>Professeur</i> Université</p>	<p>Tony Diamond, Ph. D. <i>Research Professor</i> University of New Brunswick</p>
<p>Alison Derry, Ph. D. <i>Professor</i> Université du Québec à Montréal</p>	<p>Nikita Lopoukhine <i>Ancien président de la</i> <i>Commission sur les aires pr</i> UICN</p>	<p>Irene Liu Duke University</p>
<p>Nathanaël Schaller <i>Etudiant</i> Université Laval Québec</p>	<p>Daniel Landry <i>Professeur</i> Collège Laflèche</p>	<p>Leo Salas, Ph. D. <i>Quantitative Ecologist</i> Point Blue Conservation Science</p>
<p>Michael Swift, Ph. D. Assistant Professor College</p>	<p>Ann-Lise Norman, Ph. D. <i>Associate Professor</i> The University of Calgary</p>	<p>Ralph Gutierrez, Ph. D. <i>Professor</i> University of Minnesota</p>
<p>Jean-François Giroux <i>Professeur Titulaire</i> UQAM</p>	<p>Krish Jayachandran, Ph. D. <i>Professor and Graduate Director</i> Florida International University</p>	<p>Gary Luck, Ph. D. <i>Professor</i> Charles Sturt University</p>
<p>Marina Silva-Opps, Ph. D. <i>Associate Professor</i> University of Prince Edward Island</p>	<p>Philip Burton, Ph. D. <i>Associate Professor & Regional</i> <i>Chair</i> University of Northern British Columbia</p>	<p>Martin Simard, Ph. D. <i>Professor</i> Université Laval</p>

Art Fredeen, Ph. D.

Professor
University

Alison Munson, Ph. D.

Professeure
Université Laval

Victor Gorshkov, Ph. D.

Professor
Petersburg Nuclear Physics
Institute

Arndt Hampe, Ph. D.

Directeur de Recherche
Institut National de la
Recherche Agronomique

Matthew Low, Ph. D.

Associate Professor
Swedish University of
Agricultural Sciences

Sigmund Hågvar, Ph. D.

Professor
Norwegian University of Life
Sciences

Frank Götmark, Ph. D.

Professor
University of Gothenburg

Jian Zhang, Ph. D.

Dr.
University of Alberta

Tadeusz Tylkowski, Ph. D.

Professor
Institute of Dendrology

Adam Boratyński, Ph. D.

Professor
Polish Academy of Sciences,
Institute of Dendrology

Berry Pinshow, Ph. D.

*Professor of Physiological
Ecology*
Ben-Gurion University of the
Negev

Danielle Mersch, Ph. D.

Postdoc
University of Lausanne

Richard Schuster

University of British Columbia

Daniel Cherix, Ph. D.

Professeur
Université de Lausanne
(Suisse)

Ángel Luque, Ph. D.

Titular Professor
Universidad Autónoma de
Madrid

Jörg Müller, Ph. D.

Associate Professor
National Park Administration,
Bavarian Forest

Gergely Várkonyi, Ph. D.

Senior Research Scientist
Finnish Environment Institute

Ellen Simms, Ph. D.

Professor
University of California

Nina Lundholm, Ph. D.

Associate Professor
University

Pascal Vittoz

*Maître d'enseignement et de
recherche*
Université de Lausanne

Angela McGaughran, Ph. D.

Dr.
Research Institute

Mats Jonsell, Ph. D.

Assistant Professor
Swedish University of
Agricultural Sciences

Andrei Nefiodov, Ph. D.

Leading Scientific Researcher
Petersburg Nuclear Physics
Institute

Jeroen Van Wichelen

Senior Scientist
Ghent University

Stein Fredriksen

Professor
University

Enrique Doblás, Ph. D.

Marcel Lambrechts, Ph. D.

Research Director
CEFE-CNRS Montpellier

Carlo Utzeri
Professor
Sapienza University of Rome

Aline Andrey
*Ph.D Student, Conservation
Biology*
University of Bern

Olav Hjeljord, Ph. D.
Professor
Norwegian University of Life
Sciences

Simon Benhamou, Ph. D.
Research Director
CNRS Montpellier

Graziella Mura
Professor
University of Rome La Sapienza

Joanna Galas, Ph. D.
Professor
Polish Academy of Sciences

Annapaola Rizzoli, Ph. D.
DVM, PhD
Edmund Mach Foundation,
Research and Innovation
Centre

Thomas Wrבka, Ph. D.
Assistant Professor
University of Vienna

F. Stuart Chapin III, Ph. D.
Professor Emeritus of Ecology
University of Alaska Fairbanks

John Birks, Ph. D.
Professor
University of Bergen

Francisco Lara, Ph. D.
Professor
University Autonoma of Madrid

Ane T. Laugen, Ph. D.
Aronia Coastal Zone Research
Team

Burt Kotler, Ph. D.
Professor
Ben-Gurion University

Lars Westerberg, Ph. D.
Lecturer
Linköping University

A. Iyengar, Ph. D.
Dr.
University of Central
Lancashire

Christoph Meyer, Ph. D.
Research Fellow
University of Lisbon

Alistair Jump, Ph. D.
Professor of Plant Ecology
University of Stirling

Philippe Christe, Ph. D.
*Maître d'enseignement et de
recherche*
Université de Lausanne

Maja Zorović, Ph. D.
Research Scientist
National Institute of Biology,
Slovenia

Leif Kullman, Ph. D.
Professor
Umeå University

Gaetan Lefebvre, Ph. D.
Ingénieur de recherche
Fondation Tour du Valat

Jan Karlsson
Professor
Umeå University

Nicolas Perrin
Professor
University of Lausanne

Debora Arlt, Ph. D.
University

Mats Lindeskog, Ph. D.
Lund University, Sweden

Ahmad Mahdavi, Ph. D.
Professor
University of Tehran

Wioletta Tomaszewska
Associate Professor
Museum and Institute of
Zoology, Polish Academy of
Sciences

Yael Kisel, Ph. D. <i>Postdoctoral Research Fellow</i> University of Göttingen	Tim White, Ph. D. Dr. Penn State University	Carl Gerhardt <i>Professor</i> University of Missouri
Jean-Guy Godin, Ph. D. <i>Chancellor's Professor of Biology</i> Carleton University	Duccio Rocchini, Ph. D. Dr. Fondazione Edmund Mach	Helga Guderley, Ph. D. <i>Professeur titulaire retraité</i> Université Laval
Timothy Schwinghamer <i>Ph. D. Candidate</i> McGill University	Andrew Nelson, Ph. D. <i>Emeritus Professor of Biology</i> State University of New York, Oswego	Stephanie Pellerin, Ph. D. <i>Professeur associé</i> Univeristé de Montreal
Ashley Gaden, Ph. D. <i>Research Associate</i> University of Manitoba	Kathleen Fleming, Ph. D. <i>Landscape Ecologist</i>	Pascal Hablützel <i>M.S.</i> University of Leuven
Randy Lauff <i>Part-time Faculty</i> St. Francis Xavier University	David Coleman, Ph. D. <i>Distinguished Research Professor of Ecology Emeritus</i> University of Georgia	Stephen Spomer <i>Research Technologist</i> University of Nebraska
Allan Stein, Ph. D. Professor (Retired)	Linda Lait <i>Ph. D. Candidate</i> Memorial University	Miren Lorente, Ph. D. <i>Biologist</i>
Jean-Philippe Lessard, Ph. D. <i>Quebec Centre for Biodiversity Science Post Doctorate</i> McGill University	Christian Vincenot, Ph. D. <i>Postdoc</i> Kyoto University	James Hanken, Ph. D. <i>Director and Alexander Agassiz Professor</i> Harvard Museum of Comparative Zoology
Michael Sheriff, Ph. D. <i>Assistant Professor</i> Penn State University	Richard Keating, Ph. D. <i>Research Associate</i> Missouri Botanical Garden	Patrice Couture, Ph. D. <i>Professeur titulaire</i> INRS-ETE
Robert Cannings, Ph. D. <i>Curator Emeritus of Entomology</i> Royal British Columbia Museum	Jan Cermak, Ph. D. <i>Professor</i> Mendelova univerzita v Brně	Geneviève Marquis, Ph. D.
Michael Klein, Ph. D. <i>Adjunct Professor</i> The Ohio State University	Joost Raeymaekers, Ph. D. <i>Professor</i> University of Ghent	Andrii Gryganskyi, Ph. D. Duke University

Jan Decher, Ph. D.
Curator of Mammals
Zoological Museum Alexander
Koenig, Bonn, Germany

Erik Johnson, Ph. D.
Director of Bird Conservation
Audubon Louisiana

Marla McIntosh, Ph. D.
Professor
University of Maryland

Vigdis Vandvik, Ph. D.
Professor
Univeristy of Bergen

Svein Dale, Ph. D.
Professor in Zoology
Norwegian University of Life
Sciences

Maarten Vonhof, Ph. D.
Associate Professor
Western Michigan University

Mahroof Mohammad
Research Associate
CEPT University

Luis Santos, Ph. D.
PostDoc
University of Lausanne

Nils Warnock, Ph. D.
Executive Director
Audubon Alaska

Charles Halpern, Ph. D.
Research Professor
University of Washington

Todd Johnson
*Ph. D. Student in Forest
Entomology*
University of Illinois Urbana-
Champaign

Lucas Reijnders, Ph. D.
Professor
University of Amsterdam

William Armbruster, Ph. D.
Professor
University of Portsmouth

Philippe Besse, Ph. D.
Professeur
Institut de Mathématiques de
Toulouse

Thomas Ray, Ph. D.
Professor of Biology
University of Oklahoma

Peter Bunyard
Research Director
Universidad Sergio Arboleda

Arash Farhang, Ph. D.
Dr.
EPFL

Cecilia Matasci, Ph. D.

Andrew Farnsworth, Ph. D.
Research Associate
Cornell Lab of Ornithology

Per Angelstam, Ph. D.
Professor
Swedish University of
Agricultural Sciences

Isabelle Bisson, Ph. D.

Miroslav Svoboda, Ph. D.
Associate Professor
University

Niklaus Zimmermann, Ph. D.
Dr.
Swiss Federal Research
Institute

Hans Joosten, Ph. D.
Professor
Ernst-Moritz-Arndt-University
Greifswald

Peter Chesson, Ph. D. <i>Professor</i> University of Arizona	Michael Gillingham, Ph. D. <i>Professor, Wildlife Biology</i> University of Northern British Columbia	Martin Sykes, Ph. D. <i>Professor Emeritus</i> Lund University
Timo Kuuluvainen, Ph. D. <i>Associate Professor</i> University of Helsinki	Koen Sabbe, Ph. D. <i>Professor</i> Ghent University, Belgium	Marjorie Lemire Garneau <i>Étudiante en environnement</i> Université Laval
Monique Poulin, Ph. D. <i>Professeure</i> Université Laval	Jean-Michel Guillon <i>Docteur</i> Université Paris-Sud	Sarah Bourlat, Ph. D. <i>Researcher</i> University of Gothenburg
Ken Helms, Ph. D. <i>Research Affiliate</i> University of Vermont	David Swanson, Ph. D. <i>Professor</i> University of South Dakota	Scott Findlay, Ph. D. <i>Associate Professor</i> University of Ottawa
Renate Wesselingh, Ph. D. <i>Professor</i> Université de Louvain	Guillaume Blanchet, Ph. D. <i>Chercheur post-doctoral</i> University of Helsinki	Lasse Ruokolainen, Ph. D. <i>Adjunct Professor</i> Helsinki University
Anni Arponen, Ph. D. <i>Researcher</i> University of Helsinki	Joona Lehtomäki <i>Researcher</i> University of Helsinki	Anniina Mattila <i>M.S.</i> University of Helsinki
Maria Delgado <i>Researcher</i> University of Helsinki	Gregory Ames, Ph. D. <i>Postdoctoral Researcher</i> Duke University	Marta Acácio <i>M.S.</i> Institute Avian Research
Ricardo Rocha <i>Ph. D. Candidate</i> University of Lisbon	Veera Norros, Ph. D. Finnish Environment Institute	Laura Meller <i>Doctoral Student</i> University of Helsinki
Jacques Tardif, Ph. D. <i>Professeur</i> Universite de Winnipeg	Andrea Maier University of Helsinki	Marissa McBride, Ph. D. University of Melbourne
Alain Cogliastro, Ph. D. <i>Botaniste-chercheur</i> Jardin botanique de Montréal	Erin Cameron, Ph. D. <i>Postdoctoral Fellow</i> University of Helsinki	John Richardson, Ph. D. <i>Professor, Head of Department of Forest and Conservation Sciences</i> University of British Columbia

William Armbruster, Ph. D.
Research Scientist and Professor
University

Steven Mamet, Ph. D.
Postdoctoral Fellow
University of Saskatchewan

Romain Guerreiro, Ph. D.
Research Fellow
CNRS

Paul Buckland, Ph. D.
Dr.
Thorne & Hatfield Moors
Conservation Forum

Maria Holynska, Ph. D.
Associate Professor
Natural History Museum

Debra Schlenoff, Ph. D.
Lane County Audubon Society,
University of Oregon

Filip Volckaert, Ph. D.
Professeur
University of Leuven, Belgique

Cornelia Yu, Ph. D.
Dr.
University

Robert Guy, Ph. D.
Professor
University of British Columbia

William Fraser, Ph. D.
President and Lead Investigator
Polar Oceans Research Group

Nanette Chadwick, Ph. D.
Associate Professor of Biology
Auburn University

Val Smith, Ph. D.
Professor
University of Kansas

Chris Barrington-Leigh, Ph. D.
Assistant Professor
McGill University

Rob Field, Ph. D.
Royal Society for the Protection
of Birds

Amélie Corriveau
Biologie Environnementale
McGill University

Angéline Bedolla
Swiss Federal Research
Institute

Karen Warkentin, Ph. D.
Associate Professor
Boston University

Andrzej Wuczyński
Polish Academy of Sciences

Michel Loreau, Ph. D.
Professeur
Université McGill

Rowan Barrett, Ph. D.
Professor
McGill University

Bartłomiej Wyzga, Ph. D.
Associate Professor
Polish Academy of Sciences

Monika Zavodna, Ph. D.
Researcher
University of Otago

Tricia Markle
Ph. D. Candidate
University of Minnesota

Francis Muller
Directeur du pôle-relais
tourbières de France
Fédération des conservatoires
d'espaces naturels de France

Daniel Hudon, Ph. D.
Adjunct Lecturer
Boston University

William Resetarits, Ph. D.
Professor
University of Mississippi

Andreane Lussier
Biologist
NGO

Marcel Rejmanek, Ph. D.
University of California, Davis

Cort Anastasio, Ph. D.
Professor
University of California, Davis

Elizabeth Schultz
Associate Professor
University of Lethbridge

Aneil Agrawal, Ph. D. <i>Associate Professor</i> University of Toronto	Sarah Otto, Ph. D. <i>Professor</i> University of British Columbia	Desserae Shepston, Ph. D. <i>Instructor</i> University of Illinois Springfield
Line Rochefort, Ph. D. <i>Professeure</i> Université	Charles Hall, Ph. D. <i>Professor Emeritus</i> SUNY Environmental Science and Forestry	John Paul Leblanc <i>Ph.D. Candidate</i> McMaster University
Lyndsay Cartwright, Ph. D. <i>Sessional Faculty</i> University of Guelph	Aram Calhoun, Ph. D. <i>Professor of Wetland Ecology</i> University of Maine	Dana Dolsen <i>Founder/Owner</i> Natural Resources Planning & Research Institute for Socio- ecological Management
Richard T. Holmes, Ph. D. <i>Research Professor</i> Dartmouth College	Ron Russell, Ph. D. <i>Associate Professor</i> Saint Mary's University	Louis Bernatchez, Ph. D. <i>Professeur</i> Université Laval
Georgiana May, Ph. D. <i>Professor</i> University of Minnesota	Phil Bouchet University of Western Australia	David Inouye, Ph. D. <i>Professor</i> University of Maryland
Jason Fisher, Ph. D. <i>Adjunct Professor</i> University of Victoria	Julian Norghauer, Ph. D. <i>Senior Researcher</i> University of Bern	Sergio Velasco Ayuso, Ph. D. <i>Postdoctoral Research Assistant</i> Arizona State University
Nils Chr. Stenseth <i>Professor</i> University of Oslo	Tomas Virbickas, Ph. D. <i>Head of Freshwater Ecology</i> <i>Sector</i> Nature Research Centre, Vilnius, Lithuania	Tomasz Osiejuk, Ph. D. <i>Professor</i> Adam Mickiewicz University
Sophia Barbara Engel, Ph. D. LBV	Karl-Olof Bergman, Ph. D. <i>Associate Professor</i> Linköping University	Pierre Echaubard, Ph. D. <i>Dr.</i> Laurentian University
Josh Van Buskirk, Ph. D. University of Zurich, Switzerland	Øjvind Moestrup, Ph. D. <i>Professor</i> University of Copenhagen	Marco Oliverio, Ph. D. <i>Professor of Zoology</i> University of Rome La Sapienza
Laura Farrell, Ph. D. <i>Adjunct Professor</i> Sterling College	Alex Jahn, Ph. D. <i>Research Fellow</i> Universidade Estadual Paulista	Balathandayuthabani Selvam <i>Ph. D. student</i> Lund University

Mark Goldberg, Ph. D.
Professor
McGill University

Michael Patten, Ph. D.
Associate Professor
University of Oklahoma

Crystal McKenzie
Ph.D. Candidate
University of Windsor

Laura Westra, Ph. D.
Professor
University of Windsor

Roman Żurek
Professor
Institute of Nature
Conservation, Polish Academy
of Sciences

Carissa Brown, Ph. D.
Assistant Professor
Memorial University

Stefanie LaZerte
Ph. D. Candidate
University of Northern British
Columbia

Markus Metz, Ph. D.
PostDoc
Research Institute

Frederic Reid, Ph. D.
*Director of Boreal and Arctic
Conservation*
Ducks Unlimited, Inc.

David Innes
Professor
Memorial University

John Engel, Ph. D.
Professor Emeritus
Meadville/Lombard
Theological School

Richard Wiley, Ph. D.
Professor Emeritus of Ecology
University of North Carolina,
Chapel Hill

Amy Climburg
Director of Bird Conservation
Montana Audubon

B. Larry Li
Professor
University of California at
Riverside

Olav Hjeljord
Professor
Norwegian University of Life
Sciences

Per Wegge, Ph. D.
Professor
Norwegian University of Life
Sciences

Nancy Auerbach
Ph. D. Candidate
University of Queensland

Antonia Cattaneo, Ph. D.
Professor
Université de Montréal

Mark Forbes, Ph. D.
Professor
Carleton University

Myron Mitchell
Distinguished Professor
SUNY-ESF, Syracuse, NY

Chantal D Reid, Ph. D.
Assistant Professor
Duke University

Bridget Stutchbury, Ph. D.
*Distinguished Research
Professor*
York University

André L Martel , Ph. D.
Chercheur scientifique, zoologist
Musée canadien de la nature

Michael Collins, Ph. D.
Professor
University

Emilie Kissler
Ph. D. Candidate

Rudolf Litschauer, Ph. D.
Hofrat, em.
Forest Research Centre

Sophie Delerue
PhD student
University

Elie Verleyen, Ph. D. <i>Post Doctoral Researcher</i> Ghent University	Eliane Valiquette <i>Biologiste</i> Université Laval	Fredrik Lagergren, Ph. D. <i>Associate Professor</i> Lund University, Sweden
Colin Scott, Ph. D. <i>Associate Professor; Director</i> McGill University; CICADA	Marc-André Villard, Ph. D. <i>Professeur</i> Université de Moncton	Kevin Smith <i>National Manager Boreal Programs</i> Ducks Unlimited Canada
David La Puma, Ph. D. <i>Director</i> Cape May Bird Observatory	Rudy Boonstra, Ph. D. University of Toronto Scarborough	Louis Bevier <i>Research Associate</i> Colby College
Trevor Persons <i>Research Affiliate</i> Northern Arizona University	Iain Stenhouse, Ph. D. <i>Adjunct Professor</i> University of Southern Maine	David Mizrahi, Ph. D. <i>Vice-president, Research and Monitoring</i> New Jersey Audubon
Manuelle Landry-Cuerrier, Ph. D. <i>Professionnelle de recherche</i> Université McGill	Harvey Locke <i>Co-founder</i> Nature Needs Half	Frank F. Mallory <i>Professor of Biology</i> Laurentian University
Hector Galbraith, Ph. D. <i>Senior Scientist</i> National Wildlife Federation	Sophia Lavergne <i>Ph. D. Candidate</i> University of Toronto Scarborough	Guillaume Larocque, Ph. D. Research Professional Quebec Center for Biodiversity Science
Peter Marra, Ph. D. Scientist	Scott Sillett <i>Research Wildlife Biologist</i> Smithsonian Institution	Jack Bradbury, Ph. D. <i>Professor Emeritus</i> Cornell University
Amélie Grégoire Taillefer <i>Ph. D. Candidate</i> McGill University	Catherine Potvin, Ph. D. <i>Professeure</i> McGill University	Sophie St-Cyr University of Toronto
Gary Stewart <i>Senior Advisor</i> International Boreal Conservation Campaign	Catherine Baltazar Université McGill	Thomas Ryder, Ph. D. <i>Research Scientist</i> Government
William Laurance, Ph. D. <i>Distinguished Professor</i> James Cook University	Bob Reitsma <i>Research Technician</i> Smithsonian Migratory Bird Center	Robert Rice <i>Geographer</i> Smithsonian Institution

Anne-Sophie Caron
McGill University

Raymond Danner, Ph. D.
Postdoctoral Fellow
Smithsonian Migratory Bird
Center

David Johns, J.D.
*Adjunct Professor, School of
Government*
Portland State University

Nelson Hairston, Ph. D.
*FHT Rhodes Professor of
Environmental Science*
Cornell University

Michael Webster, Ph. D.
Professor & Director
Cornell Lab of Ornithology

Courtenay Jacklin
Queen's University

Ronald Butler
Professor of Biology
University of Maine at
Farmington

Thomas Gavin, Ph. D.
Professor Emeritus
Cornell University

Martijn Versluijs, Ph. D.
Swedish University of
Agricultural Sciences

Desiree Narango
Ph. D. student
Smithsonian Conservation
Biology Institute/University of
Delaware

Daniel Buckley, Ph. D.
Professor of Biology
University of Maine at
Farmington

Michael Parr
*Vice President for Program
Development*
American Bird Conservancy

Charles Walcott, Ph. D.
Professor Emeritus
Cornell University

Monica Mulrennan, Ph. D.
*Associate Professor and Chair,
Department of Geography,
Planning and Environment*
Concordia University

Vincent Laroche
M. Sc.

Kevin Fraser, Ph. D.
*Assistant Professor, Department
of Biological Sciences*
University of Manitoba

David Wege
Senior Conservation Manager
BirdLife International

George Wallace, Ph. D.
Vice President
American Bird Conservancy

François Lambert
M.S. Student
Université de Montréal

Luke Powell, Ph. D.
Postdoc
Smithsonian Migratory Bird
Center

Emily McKinnon, Ph. D.
Postdoctoral Fellow
University of Windsor

David Bonter, Ph. D.
Senior Lecturer
Cornell University

Dennis Georgekish
Chief
Cree Nation of Wemindji

Pascale Biron, Ph. D.
Professeure
Université Concordia

James Grant, Ph. D.
Professor
Concordia University

Erin Bayne, Ph. D.
Associate Professor
University of Alberta

Jean-Philippe Lessard, Ph. D.
Assistant Professor
Concordia University

Barry Traill, Ph. D.
Director, Outback Program
Pew Charitable Trusts

Douglas Holdway, Ph. D.
Canada Research Chair in
Aquatic Toxicology, Professor
University of Ontario Institute
of Technology

Rachel Golde
Graduate Student
George Mason University

Jonathan Evans, Ph. D.
Professor
University of the South

Luc Lens, Ph. D.
Professor of Terrestrial Ecology
Ghent University

Carol Goodman
Retired Professor
CAATS

Richard Harris Podolsky, Ph. D.
Certified Senior Ecologist
Avian Systems

Kevin McGowan, Ph. D.
Project Manager
Cornell Lab of Ornithology

William Faber, Ph. D.
Program Head of Natural
Resources
Central Lakes College

Margaret Thayer, Ph. D.
Curator Emeritus
Field Museum of Natural
History

Christopher Bennett
Vice President
Sussex Bird Club

Lee Frelich, Ph. D.
Director, Center for Forest
Ecology
University of Minnesota

Hans Schreier, Ph. D.
Professor
University of British Columbia

Scott Goetz, Ph. D.
Senior Scientist
Woods Hole Research Center

George H. Waring, Ph. D.
Professor Emeritus of Zoology
Southern Illinois University

Alexandre Arnold, Ph. D.
Researcher
UQAM

Bryce Kendrick, Ph. D.
Distinguished Professor
Emeritus
University of Waterloo

Michael Sorenson, Ph. D.
Professor and Department Chair
Boston University

Joerg Tews, Ph. D.
Adjunct Professor/CEO
TrailMark Systems

Terry Derting, Ph. D.
Professor
Murray State University

Pamela Zevit
Registered Professional
Biologist, Principal
Adamah Consultants

Ian McLaren, Ph. D.
Professor Emeritus
Dalhousie University

Daniel Scheiman, Ph. D.
Director of Bird Conservation
Audubon Arkansas

Jerome Marty, Ph. D.
Director and Adjunct Professor
University of Waterloo

Dag Hessen, Ph. D.
Professor
University of Oslo

Roberta Frampton Benefiel
Vice President
Riverkeeper

Eduardo Inigo Elias, Ph. D.
Senior Research Associate
Cornell Lab of Ornithology

Mats Jansson, Ph. D.
Professor
Umeå University

Ginger Rebstock, Ph. D.
Research Scientist
University of Washington

Casey Lott
Research Biologist
NGO

Stephen MacLean, Ph. D.
Professor Emeritus
University of Alaska Fairbanks

Walter Bock, Ph. D.
Professor
University

Rebecca Holberton, Ph. D.
*Professor of Biology, Director of
Lab of Avian Biology*
University of Maine

Thomas Schulenberg, Ph. D.
Research Associate
Cornell Lab of Ornithology

Maria de Noronha
Biologist
Universidade Federal do Rio de
Janeiro

Fred Adler, Ph. D.
Professor
University of Utah

Mikko Mönkkönen, Ph. D.
Professor
University of Jyväskylä, Finland

Dave Shutler, Ph. D.
Professor
Acadia University

John Bowler, Ph. D.
Doctor
RSPB Scotland

Lucyna Hałupka, Ph. D.
University of Wrocław

David Weaver, Ph. D.
Retired, North American
Wetlands Conservation Fund
US Fish & Wildlife Service

Stephen Spotte, Ph. D.
Adjunct Scientist
Mote Marine Laboratory

Craig Benkman, Ph. D.
Professor
University

Bruce Beehler, Ph. D.
*Research Associate, Division of
Birds*
U. S. National Museum of
Natural History

Jeff Black, Ph. D.
Professor
Humboldt State University

Herbert C. Curl, Ph. D.
Retired
NOAA

Hubert Keckeis, Ph. D.
Professor
University of Vienna

George M. Woodwell, Ph. D.
Distinguished Professor

Corinne Myers, Ph. D.
*NASA Astrobiology Institute
Postdoctoral Fellow*
Harvard University

Karen Hughes, Ph. D.
Professor
University of Tennessee

Tony Diamond, Ph. D.
Professor
University of New Brunswick

Christopher M. Rogers, Ph. D.
Professor of Biological Sciences
Wichita State University

Donna Newman, Ph. D.
Research Associate
NCSU-CVM

Fernande D. Rochon, Ph. D.
Professeur
UQAM

Thomas Rooney, Ph. D.
*Associate Professor of Biological
Sciences*
Wright State University

Catherine Bevier
Associate Professor
Colby College

Laura Molles, Ph. D.
Senior Lecturer
Lincoln University

Harold Atwood, Ph. D.
Professor Emeritus
University of Toronto

Amanda James
Graduate Student
University of California,
Riverside

John Reynolds, Ph. D.
Professor
Simon Fraser University

Antonio López Almirall, Ph. D.
Herbarium Curator
National Museum of Natural
History

Lawrence Dill, Ph. D.
Professor Emeritus
Simon Fraser University

Andis Zilans
Researcher
University of Latvia

Jose L. Alcantara, Ph. D.
Professor
Colegio de Postgraduados

Peter Solymos, Ph. D.
Ecologist
ABMI

John Cigliano, Ph. D.
Professor of Biology
Cedar Crest College

Elizabeth Beck
University of Alberta

Leo Shapiro, Ph. D.
Lecturer
University

Miguel Martinez, Ph. D.
Researcher
ECOSUR

Fiona Schmiegelow, Ph. D.
Professor & Director of
Northern Conservation Science
University of Alberta

Bruce Robertson, Ph. D.
Assistant Professor of Biology
Bard College

Vladimir Onipchenko, Ph. D.
Professor
Moscow State University

Nelson Piché, M.D.
Associate Professor of Surgery
CHU Ste-Justine

Erica Nol
Professor of Biology
Trent University

Steven Shippee, Ph. D.
Director
Marine Wildlife Response

Thomas Struhsaker, Ph. D.
Adjunct Professor
Duke University

Isabelle Cote, Ph. D.
Professor
Simon Fraser University

Quentin Hays
Professor
University

Frito Dolisca, Ph. D.
Professor
State University of Haiti

Michael Andersen, Ph. D.
Postdoctoral Fellow
American Museum of Natural
History

David Hill
Biological Recorder

Rick Routledge, Ph. D.
Professor
Simon Fraser University

John Bates, Ph. D.
Head of Life Sciences
The Field Museum

Mark Brunson, Ph. D.
Professor
Utah State University

Stephen Mulkey, Ph. D.
President and Professor of
Ecology
Unity College

Fabiana Figueiro-Spinelli
M.A. Candidate, Biology
Miami University

Julienne Morissette, Ph. D.
Conservation Biologist
Ducks Unlimited Canada

William Rees, Ph. D.
Professor Emeritus
University of British Columbia

Nicholas Dulvy, Ph. D.
Professor
Simon Fraser University

Richard Bradley, Ph. D.
Professor
The Ohio State University

David Lieske, Ph. D.
Assistant Professor
Mount Allison University

Shane Gabor
Head Policy - Conservation
Ducks Unlimited Canada

Donald Dearborn, Ph. D.
Professor of Biology
Bates College

Lauren Bailey
Development Coordinator
Society for Conservation
Biology

Robin Cameron, Ph. D.
Associate Professor
McMaster University

Arthur Kopelman, Ph. D.
Distinguished Service Professor
State University of New York

Mark Duchamp
Chairman
World Council for Nature

Vanessa Parker-Geisma
Project Manager
Stewardship Council

Philip Nyhus, Ph. D.
Associate Professor of
Environmental Studies
Environmental Studies
Program, Colby College

Marianne Edain, Ph. D.
Co-owner
Frosty Hollow Ecological
Restoration

Chris Elphick, Ph. D.
Associate Professor
University of Connecticut

Kevin Potter, Ph. D.
Research Associate Professor
North Carolina State University

Orion Weldon
Professor of Ornithology
Rutgers University

Christa Szumski
Ph.D. candidate
University of Manitoba

Juanita Ladyman, Ph. D.
Botanist and Manager
JnJ Associates LLC