Université de Moncton

Cette année, le finissant de la *Faculté de foresterie* (FdeF) de l'Université de Moncton, campus d'Edmundston (UMCE), **Jonathan Synnott**, s'est mérité, **pour une deuxième fois**, une Médaille d'or de l'*Institut forestier du Canada* (IFC).

Originaire de Gaspé, au Québec, Jonathan s'est distingué tout au long de ses études universitaires par son excellent rendement académique, ainsi que par son engagement et son implication à l'Université. En 2008, Jonathan a complété ses premières études en foresterie dans le programme de technologie forestière au Cégep de Gaspésie et des Îles. À ce moment, il fut décerné la médaille d'or de l'IFC pour les finissants de ce programme. À l'automne de la même année, il a transféré au programme de Baccalauréat en sciences forestières, régime régulier, de la Faculté de foresterie de l'UMCE. Dès sa première année à notre institution, il s'est impliqué activement dans les activités étudiantes. En 2009-2010, il occupait le poste de conseiller au sein du Conseil étudiant de la FdeF, soit une année où les étudiants de la FdeF se méritaient le titre de "Secteur de l'année". En 2010-2011, Jonathan assumait la présidence du Conseil. Cette même année, il a été un contributeur (recherche, rédaction de dépêches) pour le site internet

Médaille d'or de l'Institut forestier du Canada (IFC) 2011 : De gauche à droite : Roger Roy, professeur FdeF; Jean-Marie Binot, doyen FdeF; Éric Labelle, Institut forestier du Canada; Jonathan Synnott, médaillé.

"Médiaterre" (portail du Nouveau-Brunswick), soit un site web d'information mondiale sur le développement durable. Dans le domaine sportif, Jonathan a été très engagé au fil des ans dans la pratique du karaté *Shotokan*. Jonathan est aussi membre de l'*Institut forestier du Canada* depuis 2010.

Jonathan a profité de ses études pour acquérir de l'expérience de travail en foresterie, et ce dans des domaines très diversifiés. Il a réalisé plusieurs stages avec des entreprises agricoles et forestières de la péninsule Gaspésienne, entre autres comme technicien fores-

tier en forêt privée (plans d'aménagement forestier, projet d'érablières, parc éolien, lignes de transmission, etc.). En ce qui concerne sa carrière future, il a un intérêt marqué pour la forêt privée et pour la gestion de projets reliés à la foresterie. Pour l'instant, il a accepté un poste d'ingénieur forestier avec *Les Entreprises agricoles et forestières de la Péninsule Inc.* (EAFP) à Gaspé. Il a l'intention de développer une expertise dans ce domaine et plus tard, lorsque l'occasion se présentera, devenir directeur d'entreprise.

PHOTO : MARIE-PAULE GODIN

BOOK ANNOUNCEMENTS ❖ PUBLICATIONS RÉCENTES

Reaching for the Sun – How Plants Work 2nd Edition

John King, 2011. ISBN: 978-0-521-73668-8. Cambridge University Press, New York. US \$ 39.00 + shipping (paperback). Contact: publicity@cambridge.org

From their ability to use energy from sunlight to make their own food, to combatting attacks from diseases and predators, plants have evolved an amazing range of life-sustaining strategies.

Written with the non-specialist in mind, Dr. John King's lively natural history explains how plants function, from how they gain energy and nutrition to how they grow, develop, and ultimately die. New to this edition is a section devoted to plants and the environment, exploring how problems created by

human activities, such as global warming, pollution of land, water, and air and increasing ocean acidity, are impacting on the lives of plants.

King's narrative provides a simple, highly readable introduction, with boxes in each chapter offering additional or more advanced material for readers seeking more detail. He concludes that, despite the challenges posed by growing environmental perils, plants will continue to dominate our planet.

Wildlife, Forests, and Forestry

Principles of Managing Forests for Biological Diversity

2nd edition

Malcolm L. Hunter and Fiona K.A. Schmiegelow, 2010. ISBN-13: 978-0-13-501432-5. Prentice Hall, New Jersey. Contact: www.pearsonhighered.com

The book's geographic breadth is made possible by an emphasis on concepts rather than specific recommendations. This is not a cookbook with recipes for achieving goals in the style: given stand A, in condition B, and with constraints C; if you do X, Y and Z you can maintain wildlife diversity. Because of the complexity of even the simplest forest ecosystems such a volume would be very hard to produce. Even regional works have not really approached this level of detail, although some... have a great wealth of information. Ultimately every situation is unique and therefore management

decisions must be individually tailored by the person who has immediate responsibility. Supervisors, absentee landowners, and scientists can only provide general guidelines and an information base.

Because this book investigates only the concepts that form the foundation for specific guidelines, it cannot tell the forester exactly how many snags to leave in a stand or how large a clearcut can be. All it can do is give some general guidelines."

The conceptual focus and broad geographic scope has forced the authors to limit themselves to only two aspects

of forest management—wood products and wildlife; recreation, livestock grazing and watershed management are largely ignored.

This is the second edition of a widely read book, which first appeared in 1988.

Soil Ecology in Northern Forests

A Belowground View of a Changing World

Martin Lukac and Douglas L. Godbold, 2011. ISBN: 978-0-521-71421-1. Cambridge University Press, New York. US \$ 55.00 + shipping (paperback). Contact: publicity@cambridge.org

Forest soils form the foundation that underpins the existence of all forests. This book encapsulates soil ecology and functioning in northern forests, focusing on the effects of human activity and climate change.

The authors introduce the fundamental principles necessary for studying forest soils, and explain the functioning and mutual influence of all parts of a forest soil ecosystem. A chapter is dedicated to each of soil acidity and heavy metal pollution, elevated car-

bon dioxide, nitrogen deposition and climate change, highlighting the most important anthropogenic factors influencing forest soil functioning and how these soils are likely to respond to environmental change.

With its unique view of the functioning of the soils found under temperate and boreal forests in today's rapidly changing world, this book is of interest to anyone studying forestry and forest ecology in European, North American and North Asian contexts.

If you purchase a book as the result of a Forestry Chronicle announcement, please mention that you saw it in the Chronicle!

Changing the Culture of Forestry in Canada Building Effective Institutions for Aboriginal Engagement in Sustainable Forest Management (Volume 1)

Marc G. Stevenson and David C. Natcher (editors), 2009. ISBN 978-1-896445-44-1
CCI Press & Sustainable Forest Management Network. Contact: Matthew.Pyper
@ales.ualberta.ca

Existing institutions and rules of engagement for sustainable forest management (SFM) in Canada are not designed to accommodate the rights or interests of its Aboriginal peoples. In recognition of this fact, there has emerged a community of Aboriginal partners and academic researchers committed to changing forestry practices, institutions, and policies. Supported by the Sustainable Forest Management Network, this "community of practice" has sought collectively to design and undertake research to address the needs, rights and interests of forest-dependent Aboriginal communities, with the intention of producing knowledge and skill sets needed to reform forest and resource development sectors. *Changing the Culture of Forestry in Canada: Building Effective Institutions for Aboriginal Engagement in Sustainable Forest Management* is the first of two volumes that highlights the most

current and critical research undertaken by this community of practice. Chapters shed light on Aboriginal stewardship values, including land use and management systems; document processes of negotiating space for Aboriginal inclusion in current forest practices; evaluate existing institutional options available to Aboriginal communities for engaging in SFM; and describe more nuanced and ethical approaches to accommodating Aboriginal rights into SFM, and to engaging Aboriginal peoples in research.

While this book and upcoming companion volume are aimed directly at Canada's forest sector, the implications of this research and the potential importance of this book go far beyond forestry, and should be of considerable interest and value to all government, industry, Aboriginal and other parties with a vested interest in natural resource development and manage-

ment on lands where Aboriginal peoples assert constitutionally protected rights and interests—i.e., most of Canada. By attempting to create the ethical space for Aboriginal peoples in building new institutions and policies for their engagement in SFM, this volume addresses some of the most pressing environmental and social issues that Canadians face today.

Tropical Montane Cloud Forests

L.A. Bruijnzeel, F.N. Scatena and L.S. Hamilton (eds), 2011. ISBN: 978-0-521-76035-5. Cambridge University Press, New York. US \$ 110.00 + shipping (hardback). Contact: publicity@cambridge.org

This volume represents a uniquely comprehensive overview of our current knowledge of tropical montane cloud forests. It comprises 72 chapters divided into seven sections covering a wide spectrum of topics including cloud forest distribution, climate, soils, biodiversity, hydrological processes, hydrochemistry and water quality, climate change impacts, and cloud forest conservation, management and restoration. The final chapter presents a major synthesis by some of the world's leading cloud forest researchers, which summarizes our current knowledge and con-

siders the sustainability of these forests in an ever-changing world.

This book is a must-have for anyone interested in the study, conservation, management, or restoration of tropical cloud forests. It represents the state of the art with respect to our knowledge of cloud forest occurrence and status, as well as the biological and hydrological value of these unique forests. The presentation is academic but with a firm practical emphasis. It will serve as a core reference for academic researchers and students of environmental science and ecology, as well as practitioners (natural

resources management, forest conservation) and decision-makers at local, national and international levels.