

Canadian Journal of Forest Research

Volume 42, Number 12, December 2012

Revue canadienne de recherche forestière

Volume 42, numéro 12, décembre 2012

Postage paid at Ottawa Port payé à Ottawa
Publications mail Poste-publication
Registration No. 40110225 Enregistrement n° 40110225
USPS periodical postage paid at Plattsburgh, NY 12901, USA

James N. Long and Karen Mock

REVIEW SYNTHÈSE

2011–2021 Changing perspectives on regeneration ecology and genetic diversity in western quaking aspen: implications for silviculture

Ryan S. Davis, Sharon Hood, and Barbara J. Bentz

ARTICLES ARTICLES

2022–2036 Fire-injured ponderosa pine provide a pulsed resource for bark beetles

**Peter Annighöfer, Peter Schall,
Heike Kawaletz, Inga Mölder,
André Terwei, Stefan Zerbe, and
Christian Ammer**

2037–2051 Vegetative growth response of black cherry (*Prunus serotina*) to different mechanical control methods in a biosphere reserve

Robert S. Rempel, Douglas E.B. Reid, and Janet Jackson

2052–2063 Batcheler-corrected point distance versus belt transect for sampling habitat and woody vegetation

Tyler Phillips and Shaun A. Watmough

2064–2077 A nutrient budget for a selection harvest: implications for long-term sustainability

Holly M. Hynes and James J. Germida

2078–2089 A chronosequential approach to investigating microbial community shifts following clearcutting in Boreal Plain forest soils

**Elizabeth J. Farnsworth,
Audrey A. Barker Plotkin, and
Aaron M. Ellison**

2090–2105 The relative contributions of seed bank, seed rain, and understory vegetation dynamics to the reorganization of *Tsuga canadensis* forests after loss due to logging or simulated attack by *Adelges tsugae*

Continued on inside back cover / Suite au verso



Front cover: Photo of a young red spruce seedling (*Picea rubens* Sarg.) in a Quebec mixedwood forest by Daniel Dumais.

Page couverture : Photo d'un jeune semis d'épinette rouge (*Picea rubens* Sarg.) en forêt mixte au Québec par Daniel Dumais.

Printed in Canada by | Imprimé au Canada par
NRC Reprographic Services | Service de reprographie CNRC

Page production by | Mise en page par
NRC Research Press | NRC Research Press



0045-5067(201212)42:12;1-7

Brent C. Chamberlain and Michael J. Meitner	2106–2117	Quantifying the effects of harvest block design on aesthetic preferences
John H. Russell and Jodie Krakowski	2118–2129	Geographic variation and adaptation to current and future climates of <i>Callitropsis nootkatensis</i> populations
David Meignan, Jean-Marc Frayret, Gilles Pesant, and Mathieu Blouin	2130–2141	A heuristic approach to automated forest road location
Svetlana A. Semerikova, Martin Lascoux, and Vladimir L. Semerikov	2142–2152	Nuclear and cytoplasmic genetic diversity reveals long-term population decline in <i>Abies semenovii</i> , an endemic fir of central Asia
	CORRIGENDUM	RECTIFICATIF
Anna Lintunen, Risto Sievänen, Pekka Kaitaniemi, and Jari Perttunen	2153	Corrigendum: Models of 3D crown structure for Scots pine (<i>Pinus sylvestris</i>) and silver birch (<i>Betula pendula</i>) grown in mixed forest