

100
CJFR

Canadian Journal of Forest Research

Revue canadienne de
recherche
forestière

Volume 44

Number 9 / Numéro 9

September / Septembre
2014

An NRC Research
Press Journal

Une revue de
NRC Research
Press

www.nrcresearchpress.com



NRC
Research Press

Canadian Journal of Forest Research

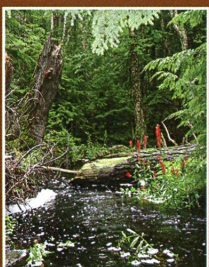
Volume 44, Number 9, September 2014

Revue canadienne de recherche forestière

Volume 44, numéro 9, septembre 2014

	REVIEW	SYNTHÈSE
Maureen G. Reed, Alyssa Scott, David Natcher, and Mark Johnston	995–1004	Linking gender, climate change, adaptive capacity, and forest-based communities in Canada
	ARTICLES	ARTICLES
Christopher A. Lee, Steven Voelker, Ricardo M. Holdo, and Rose-Marie Muzika	1005–1012	Tree architecture as a predictor of growth and mortality after an episode of red oak decline in the Ozark Highlands of Missouri, U.S.A.
Teija Ruuhola and Tarja Lehto	1013–1019	Do ectomycorrhizas affect boron uptake in <i>Betula pendula</i> ?
Yanwei Lu, Guangquan Wang, Qingjie Meng, Wenhui Zhang, and Baoli Duan	1020–1031	Growth and physiological responses to arbuscular mycorrhizal fungi and salt stress in dioecious plant <i>Populus tomentosa</i>
Sheel Bansal, Till Jochum, David A. Wardle, and Marie-Charlotte Nilsson	1032–1041	The interactive effects of surface-burn severity and canopy cover on conifer and broadleaf tree seedling ecophysiology
Lisa M. Giенcke, Martin Dovčiak, Giorgos Mountrakis, Jonathan A. Cale, and Myron J. Mitchell	1042–1050	Beech bark disease: spatial patterns of thicket formation and disease spread in an aftermath forest in the northeastern United States

Continued on inside back cover / Suite au verso



Front cover: Deadwood and cardinal flower in a riparian zone located within an unharvested control area of the University of Maine's Acadian Forest Ecosystem Research Program (AFERP) experiment. The AFERP is situated in the Penobscot Experimental Forest in central Maine, USA. Image supplied by Dr. Matthew Olson, Missouri Department of Conservation.

Page couverture : « Bois mort et lobélie-du cardinal dans une zone riveraine située dans une région témoin non exploitée faisant partie de l'expérience de l'Acadian Forest Ecosystem Research Program (AFERP) de l'Université du Maine. L'AFERP se situe dans la forêt expérimentale de Penobscot, dans le centre du Maine (É.-U.). Image fournie par Matthew Olson, Ph.D., Department of Conservation du Missouri. »



Phillip van Mantgem and Adrian Das	1051–1057	An individual-based growth and competition model for coastal redwood forest restoration
Jose L. Zerpa, H. Lee Allen, Blair C. McLaughlin, Jennifer Phelan, Robert G. Campbell, and Shuijin Hu	1058–1067	Postharvest forest floor manipulation effects on nutrient dynamics in a loblolly pine (<i>Pinus taeda</i>) plantation
James A. Freund, Jerry F. Franklin, Andrew J. Larson, and James A. Lutz	1068–1078	Multi-decadal establishment for single-cohort Douglas-fir forests
Steen Magnussen, Daniel Mandallaz, Johannes Breidenbach, Adrian Lanz, and Christian Ginzler	1079–1090	National forest inventories in the service of small area estimation of stem volume
Sampo Pihlainen, Olli Tahvonen, and Sami Niinimäki	1091–1102	The economics of timber and bioenergy production and carbon storage in Scots pine stands
Josyanne Lamarche, Don Stewart, Gervais Pelletier, Richard C. Hamelin, and Philippe Tanguay	1103–1111	Real-time PCR detection and discrimination of the <i>Ceratocystis coerulescens</i> complex and of the fungal species from the <i>Ceratocystis polonica</i> complex validated on pure cultures and bark beetle vectors
Natalie L. Cleavitt, John J. Battles, Timothy J. Fahey, and Joel D. Blum	1112–1121	Determinants of survival over 7 years for a natural cohort of sugar maple seedlings in a northern hardwood forest
	NOTES	NOTES
Tomas Funda, Cherdak Liewlaksaneeyanawin, and Yousry A. El-Kassaby	1122–1127	Determination of paternal and maternal parentage in lodgepole pine seed: full versus partial pedigree reconstruction
Michael J. Chips, Michael R. Magliocca, Bill Hasson, and Walter P. Carson	1128–1132	Quantifying deer and turkey leaf litter disturbances in the eastern deciduous forest: have nontrophic effects of consumers been overlooked?
Masafumi Ueda, Ei'ichi Shibata, Hideshi Fukuda, Akira Sano, and Yoshiaki Waguchi	1133–1137	Girdling and tree death: lessons from <i>Chamaecyparis pisifera</i>
Samantha L. Frasz, Allison K. Walker, Tienabe K. Nsiama, Gregory W. Adams, and J. David Miller	1138–1143	Distribution of the foliar fungal endophyte <i>Phialocephala scopiformis</i> and its toxin in the crown of a mature white spruce tree as revealed by chemical and qPCR analyses