

# FOREST SCIENCE

February 2012

Volume 58, Number 1

- 1 Factors Influencing the Spatial and Temporal Dynamics of Engelmann Spruce Mortality during a Spruce Beetle Outbreak on the Markagunt Plateau, Utah  
*R.J. DeRose and J.N. Long*
- 15 Using Bayesian Model Averaging to Predict Tree Aboveground Biomass in Tropical Moist Forests  
*N. Picard, M. Henry, F. Mortier, C. Trotta, and L. Saint-André*
- 24 Spruce Budworm-Caused Mortality to Balsam Fir and Black Spruce in Pure and Mixed Conifer Stands  
*D. Pothier, J.-G. Elie, I. Auger, D. Mailly, and M. Gaudreault*
- 34 Is De Liocourt's Distribution Stable?  
*I.L. Torres, S.O. Pérez, F.G. Robredo, and C.F. Belda*
- 47 Relationship between Aboveground Biomass and Percent Cover of Ground Vegetation in Canadian Boreal Plain Riparian Forests  
*R.L. MacDonald, J.M. Burke, H.Y.H. Chen, and E.E. Prepas*
- 54 Simulation of Rainfall Interception of Canopy and Litter in Eucalyptus Plantation in Tropical Climate  
*A.J. Steidle Neto, A. Ribeiro, D. de Carvalho Lopes, O. Bahia do Sacramento Neto, W.G. Souza, and M.O. Santana*
- 61 Spatial Poisson Models for Examining the Influence of Climate and Land Cover Pattern on Bird Species Richness  
*Z. Ma, B. Zuckerberg, W.F. Porter, and L. Zhang*
- 75 Geographically Local Linear Mixed Models for Tree Height-Diameter Relationship  
*J. Lu and L. Zhang*
- 85 Long-Term Thinning Effects on the Leaf Area of *Pinus strobus* L. as Estimated from Litterfall and Individual-Tree Allometric Models  
*C.H. Güterman, R.S. Seymour, and A.R. Weiskittel*
- 94 Correction: Niquidet, K., and B. Manley. 2011. Testing for Nonlinear Spatial Integration in Roundwood Markets. *For. Sci.* 57(4):301–308.

