



## FUNDAMENTAL RESEARCH

### biometrics

- 463 Modeling Aboveground Biomass Components and Volume-to-Weight Conversion Ratios for Loblolly Pine Trees

*D. Zhao, M. Kane, R. Teskey, and D. Markewitz*

- 474 Revisiting Fraser's Triangles as the Basis for Estimating Tree Density, Spatial Distribution, and Stocking

*P.K. Ott and D. Errico*

### economics

- 482 Price Linkages between Spot and Futures Markets for Softwood Lumber

*R. Parajuli and D. Zhang*

### geospatial technologies

- 490 Characterizing Dependence of Irish Sitka Spruce Stands Using Spatio-Temporal Sum-Metric Models

*S. O'Rourke, M. Mac Siúrtáin, and G. Kelly*

### soils & hydrology

- 503 Determining the Effects of Biogeoclimatic Properties on Different Site Index Systems of Douglas-fir in the Coastal Pacific Northwest

*K.M. Litke, R.B. Harrison, and D. Zabowski*

### wildlife management

- 513 Economic Valuation of Hunter Access on Mississippi Wildlife Management Areas: Discrete-Count Data Modeling

*A. Hussain, I.A. Munn, S.L. Edwards, and K. Hunt*

## APPLIED RESEARCH

### biometrics

- 525 Evaluation of the USDA Forest Service National Woodland Owner Survey Estimators for Private Forest Area and Landowners: A Case Study of Montana

*N.R. Ver Planck, A.L. Metcalf, A.O. Finley, and J.C. Finley*

- 535 Loblolly Pine Site Index on Reclaimed Mineland in East Texas

*J.S. Priest, J.P. Stovall, D.W. Coble, H.M. Williams, and B.P. Oswald*

- 546 Plantation Site Index Comparisons for Shortleaf Pine and Loblolly Pine in Oklahoma, USA

*T.B. Lynch, P. Saud, K.C. Dipes, and R.E. Will*

### entomology & pathology

- 553 Multienvironment Evaluation of *Pinus pinaster* Provenances: Evidence of Genetic Trade-Offs between Adaptation to Optimal Conditions and Resistance to the Maritime Pine Bast Scale (*Matsucoccus feytaudi*)

*G. Di Matteo and J. Volhas*

### harvesting & utilization

- 564 Predicting Logging Residue Volumes in the Pacific Northwest

*E.C. Berg, T.A. Morgan, E.A. Simmons, S.J. Zarnoch, and M.G. Scudder*

### silviculture

- 574 Initial Mortality Rates and Extent of Damage to Loblolly and Longleaf Pine Plantations Affected by an Ice Storm in South Carolina

*D.C. Bragg*