



FUNDAMENTAL RESEARCH

economics

- 449 Recycling, Certification, and International Trade of Paper and Paperboard: Demand in Germany and the United States
J. Korhonen, A. Toppinen, J. Kuuluvainen, J.P. Prestemon, and F. Cabbage

forest ecology

- 459 Inter-Rotational Effects of Fertilizer and Herbicide Treatments on the Understory Vegetation Community in Juvenile Loblolly Pine (*Pinus taeda* L.) Stands
P. Subedi, E.J. Jokela, and J.G. Vogel

forest management

- 474 Multicriteria Forest Decisionmaking under Risk with Goal-Programming Markov Decision Process Models
J. Buongiorno and M. Zhou
- 485 Responses of Spacing Indices for Relative Yield Based on the Reciprocal Competition-Density Effect
K. Moriguchi, T. Ueki, and M. Saito


genetics & tree improvement

- 496 Correspondence of Loblolly Pine Response for Fusiform Rust Disease from Local and Wide-Ranging Tests in the Southern United States
J. Spitzer, F. Isik, R.W. Whetten, A.E. Farjat, and S.E. McKeand

harvesting & operations

- 504 Predictive Relationships between Acoustic Velocity and Wood Quality Attributes for Red Pine Logs
P.F. Newton

operations research

- 518 Spatial Forest Plan Development Using Heuristic Processes Seeded with a Relaxed Linear Programming Solution 
R. Akbulut, P. Bettinger, Z. Ucar, S. Obata, K. Boston, and J. Siry

APPLIED RESEARCH

entomology & pathology

- 529 Large-Scale Thinnings, Ponderosa Pine, and Mountain Pine Beetle in the Black Hills, USA
J.F. Negrón, K.K. Allen, A. Ambourn, B. Cook, and K. Marchand

silviculture

- 537 Rotation-Length Effects of Diverse Levels of Early Competition Suppression and Precommercial Thinning on Loblolly Pine Stand Development 
M.A. Blazier, T. Clason, D. KC, E. Taylor, S. Tanger, and G. Holley