

Proceedings

28th Southern Forest Tree Improvement Conference



Sponsored by

The Southern Forest Tree Improvement Committee
&
Department of Forestry and Environmental Resources
North Carolina State University
Raleigh, NC

June 21-23, 2005

Proceeding of the 28th Southern Forest Tree Improvement Conference

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Sponsored Publication No. 50 of the
Southern Forest Tree Improvement Committee

Foreword

The 28th Southern Forest Tree Improvement Conference was held in Raleigh, NC in cooperation with the Southern Forest Tree Improvement Committee and the Department of Forestry and Environmental Resources in the College of Natural Resources at NC State University. For three days, foresters, tree breeders, scientists, and practitioners met and listened to the excellent presentations that are summarized in these proceedings. We all left Raleigh a bit more informed about what's happening in southern tree improvement and forest genetics than when we arrived.

Three awards were presented for outstanding contributions to the conference:

The **Tony Squillace Award** is given for the best oral presentation based on content, style and use of visual aids. The winner was Tim Mullin for his talk on “The Impact of Variable Success of Somatic Embryogenesis Among Elite Crosses on Expected Genetic Gain and Diversity of Selected Varieties”

The **Bruce Zobel Award** is given for the best oral presentation by a student. There were two winners this year:

Josh Sherrill for his talk “Total Inside-Bark Volume Estimation for Loblolly Pine (*Pinus taeda* L.) in Genetic Trials”

Kevin Potter for his talk “An *Ex Situ* Gene Conservation Plan for Fraser Fir”

Each was awarded \$200 in recognition of their achievement.

The **Belle Baruch Foundation Award** includes a \$100 award and is given for the best poster. Scott Merkle won for his poster “Light Quality Treatments Improve Pine Somatic Seedling Production Efficiency”

The SFTIC Committee thanks these four individuals as well as all the speakers for their contributions.

The Conference was a success primarily due to the efforts of Dr. Susan Moore and Ms. Becky Townsend with the Forestry Education and Outreach Program (FEOP) at NC State. Our sincere gratitude goes to them. The SFTIC Committee also thanks all the staff, graduate students, and faculty in the Department of Forestry and Environmental Resources that contributed to the success of the conference.

The 28th SFTIC Planning Committee:

Steve McKeand (Conference Chair) and Bailian Li (Local Organization Chair) John Adams, Henry Amerson, Tom Byram, Scott Cameron, Barbara Crane, Mike Cunningham, John Davis, Van Hicks, Gary Hodge, Mike Lee, Early McCall, Scott Merkle, Greg Powell, Dan Robison, Randy Rousseau, Barry Shiver, Chuck Tauer

28th Southern Forest Tree Improvement Conference

Table of Contents

28th Southern Forest Tree Improvement Conference

Plenary session: Celebrating our History / Building a New Legacy

- Moderator: Bailian Li

	<u>Page</u>
Our Roots: The Start of Tree Improvement in the South Bruce Zobel	1
Impacts of Tree Improvement on the Forest Products Industry R.C. Kellison	6
Tree Improvement and Forest Management in the Evolving Landscape of Forest Land Ownership Al Lyons	13
Issues Facing State Tree Improvement Programs Russ Pohl	14
Improving Forest Productivity Through Biotechnology Mark Rutter	15
Clonal Forestry: Out of the Lab, Finally John Pait	16
 <i>Genomics & Biotechnology</i> – Moderator: Andy Benowicz	
Genomic Resources for the Study of Loblolly Pine and Other Conifers J.F.D. Dean	17
The Cellulose Synthase and Cellulose Synthase-Like Gene Superfamily in the Populus Genome L. Li, S. Suzuki, Y.-H. Sun, and V. Chiang	18
Candidate Gene-Quantitative Phenotype Associations for Resistance to Fusiform Rust and Pitch Canker in Loblolly Pine E.S. Ersoz , et al.	19
Microsatellite DNA Variation within the University/Industry Tree Improvement Cooperatives' Loblolly Pine Founder Population C.D. Nelson, C.S. Echt, and F.E. Bridgwater	20
Identification of a New Retrotransposable Element in Loblolly Pine M.N. Islam-Faridi, et al.	21
Molecular Genetics of Cellulose Synthesis in Developing Wood of Loblolly Pine C. J. Nairn, A. Wood-Jones, W. Lorenz, and J.F. Dean	22

Breeding, Testing, & Selection – Moderator: Richard Bryant

	<u>Page</u>
Forty Years of Genetic Improvement of Shortleaf Pine in Missouri D. P. Gwaze, R. Melick, C. Studyvin, and M. Coggeshall.	23
Family Composition Changes Over Time in a 17-Year-Old Mixed-Family Loblolly Pine Stand J.P. Adams and S.B. Land	38
Heritability and Gain for Early Height Growth and Foliage Retention in Eastern Cottonwood from the Southeast J. P. Jeffreys and S.B. Land	48
Interacting Genes in the Pine-Fusiform Rust Forest Pathosystem H.V. Amerson et al.	60
Genetic Variation in Wood Quality (MOE) of Coastal Douglas-fir R. Johnson and B. Gartner	61
Genetically Improved Eucalypts for Novel Applications and Sites in Florida D.L. Rockwood, G.F. Peter, M.H. Langhotlz, B. Becker, A. Clark, III, and J. Bryan	64
 <i>Seed & Propagule Production, Clonal Testing</i> – Moderator: Nick Muir	
Survival and Promotion of Female and Male Strobili from Topgrafting in Third-Cycle Slash Pine (<i>Pinus elliottii</i> var. <i>elliottii</i>) Breeding Program A.M. Medina, D.A. Huber, T.L. White, and T.A. Martin	76
The Effect of Root Segment Origin, Size, and Orientation in Aspen Rootling Propagation J.S. Brouard, f. Niemi, and L.R. Charleson	80
The Impact of Variable Success of Somatic Embryogenesis Among Elite Crosses on Expected Genetic Gain and Diversity of Selected Varieties T.J. Mullin, M. Lstibůrek, J. Pait, and Y.A. El-Kassaby	92
Genetic Variation in MFA, MOE and Wood Density Among Clones of <i>Pinus taeda</i> L. F. Isik, B. Li, B. Goldfarb	95
Genetic Analysis of Early Field Growth of Loblolly Pine Clones and Seedlings from the Same Full-Fib Families B. Baltunis, D. Huber, T. White	96
Accounting for Spatial Variability in Clonal Forestry Trials S.A. Gezan, T.L. White, D.A. Huber	99
Clonal Replacement as a Tool for Seed Orchard Managers C.L. Rosier, S.E. McKeand, E.M. Raley	102

Breeding, Testing, & Selection – Moderator: Greg Powell

	<u>Page</u>
Susceptibility of Loblolly x Slash Pine Interspecific F1 Hybrids to Tip Moth Infestation and Fusiform Rust Infection in a South Mississippi Planting M.T. Highsmith, L.H. Lott, and C.D. Nelson	103
Comparing Parameter Estimation Techniques for Diameter Distributions of Loblolly Pine B.C. Smith, B.P. Bullock, and S.E. McKeand	104
Preliminary Results for Above- and Below-Ground Bio-Sequestration of a Mature F1 Black Spruce Varying in Site and Family Productivity J.E. Major, et al.	107
Expected Genetic Gains and Development Plans for Two Longleaf Pine Third-Generation Seedling Seed Orchards C.D. Nelson, L.H. Lott, and D.P. Gwaze	108
Genetic Variation in Young Fraser Fir Progeny Tests J.L. Emerson, L.J. Frampton, and S.E. McKeand	115
Using Biotechnology to Help Restore the American Chestnut S.A. Merkle and G.M. Andrade	118

Breeding, Testing, & Selection – Moderator: Fred Raley

Total Inside-Bark Volume Estimation for Loblolly Pine (<i>Pinus taeda</i> L.) in Genetic Trials J.R. Sherrill, et al.	123
Selfing Results in Inbreeding Depression of Growth but not of Gas Exchange K. Johnsen, J.E. Major, C. Maier, and D. Barsi	126
Is the <i>cad-n1</i> Allele Associated with Increased Wood Density or Growth in Full-Sib Families of Loblolly Pine? Q. Yu, B. Li, C.D. Nelson, S.E. McKeand, and T.J. Mullin	127
Height and Diameter Growth Differences Among Eight Cherrybark Oak Provenances J.P. Adams, R.J. Rousseau, and J.C. Adams	128
Genetic Variation in Basal Area Increment Phenology and its Correlation with Growth Rate in Loblolly and Slash Pine Families and Clones V. I. Emhart, T.A. Martin, T.L. White, and D.A. Huber	131
On the Origin of Fusiform Rust Resistance in Loblolly Pine R.C. Schmidting, C.D. Nelson, and T.L. Kubisiak	135

Conservation & Genetic Diversity – Moderator: Gary Hodge

Page

Seedling Resistance to *Phytophthora cinnamomi* in the Genus *Abies*

J. Frampton, D.M. Benson, J. Li, A.M. Braham, E.E. Hudson, and K.M. Potter 146

An *Ex Situ* Gene Conservation Plan for Fraser Fir

K.M. Potter and J. Frampton 148

Summary of Important Results from Biological Research Conducted by Camcore Over the Last 25 Years

W. S. Dvorak 160

Geographic Variation in Shortleaf Pine - Cortical Monoterpenes

R.C. Schmidting, J.H. Myszewski, and C.E. McDaniel 161

From Tree Improvement to Species Improvement: Restoration and Conservation Efforts on the Forest Service's Southern National Forests

B.S. Crane 168

Plenary Session – Changing Wood Products – Moderator: J.B. Jett

A Random Walk Through the History of Breeding for Wood Quality

J.P. van Buijtenen T.D. Byram 169

The Outlook for Pine Plantation Management in the South

R.C. Abt 170

After 50 Years, Shift Genetic Emphasis Toward the True Tree Value – Pine Sawtimber

H.M. Lupold 171

Commercialization of Forest Biotechnology: Economic Targets for Enhanced Global Competitiveness of the U. S. Pulp and Paper Industry

G.F. Peter, D.E. White, N. Sicarelli, R. De La Torre, D. Newman 172

What Do We Do to Improve Wood Properties in a Breeding Program?

B. Li, F. Isik, and B. Goldfarb 184

Poster Abstracts and Extended Abstracts

	<u>Page</u>
USDA Forest Service Cooperates with the USDA National Center for Genetic Resources Preservation on a Nationwide <i>ex situ</i> Plant Genetic Resources Conservation Plan J. Barbour	186
Genetics of Resistance to <i>Phytophthora cinnamomi</i> in Chestnut M.E. Bowles and J. Frampton	187
USDA Forest Service, Forest Health Protection, Resistance Screening Center Services Carol H. Young	188
Genetic Linkage Map of Nordmann fir: The First in the Genus <i>Abies</i> E.E. Hudson, L.J. Frampton, H.V. Amerson, S.A. Garcia, D.M. Benson	189
Towards an Information Concerning Genetic Parameters of European Larch (<i>Larix decidua</i> Mill.) on the Base of Progenies from Diallel Crossing Evaluation at the age of 31 & 34 Years J. Frydl, J. Sindelar ¹ , P. Novotny	190
The Role of NAC068, a NAC Domain Protein, in Wood Development K. Hunt and S. Covert	191
Genetic Gain and Diversity of Seed Crops under Alternative Management Options in a Clonal Seed Orchard of <i>Pinus thunbergii</i> K.S. Kang, D. Lindgren, T.J. Mullin, W.-Y. Choi, S.-U. Han and C.-S. Kim	192
Application of Sprinkler System for Control of Cone Insects in a Conal Seed Orchard of <i>Pinus koraiensis</i> K.-Y. Lee, K.-J. Cho, S.-B. Chung and J.-T. Kang	195
Cloning of Mature Black Willow Trees via Shoot Organogenesis S. Lyyra, A. Lima and S.A. Merkle	198
Light Quality Treatments Improve Pine Somatic Seedling Production Efficiency S.A. Merkle, P.M. Montello, X. Xia, and D.R. Smith	199
A Microsatellite Assessment of Population Architecture and Gene Flow in Fraser Fir K. M. Potter, S. Josserand, J. Frampton, and C.D. Nelson	200
Impact of Crop Tree Release on Wood Properties of Pitch x Loblolly Pine Hybrids M. L. Jackson, T. R. Fox	201
Expression Patterns of <i>Pinus</i> Defense Genes During Host-Pathogen Interactions A.M. Morse, et al.	202
Invertases as Genetic Determinants of Sink Strength P.N. Boccock, L.F. Huang, K.E. Koch, J.M. Davis	203
<i>List of Participants</i>	204