ANEW WEB RESOURCE FOR INVASIVE SPECIES MANAGEMENT

WWWAINVASIVE ORG/SOUTH/

James H. Miller USDA Forest Service Southern Research Station Auburn University and Chuck Bargeron

Center for Invasive Species and Ecosystem Health The University of Georgia



» More News from the SE-EPPC Blog

Pest Plant Council

Exotic Pest Plant Council National Conference

USDA Forest Service Southern Regional Task Force for the Assessment of Nonnative Invasive Species

James H. Miller, Task Force Coordinator, Southern Research Station (SRS) Erwin Chamliss, SRS Senior Technician, Database Manager

Technical Advisory Committee

Alix Cleveland, Southern Region Non-native Invasive Species Coordinator Danny Lee, SRS Project Leader and Director Eastern Forest Environmental Threat Assessment Center

Don Duerr, Southern Region FHP Entomology Group Leader Leigh Ann McDougal, Southern Region Fisheries Program Manager John Taylor, Southern Region FHP Integrated Pest Management Specialist Kier Klepzig, SRS Project Leader, Insects, Diseases and Invasive Plants Research

Dale Starkey, Southern Region FHP Pathologist Don Tomczak (now retired), Southern Region Staff Forester Carl Petrick, National Forest Systems (NFS) of Florida Staff Officer for Ecosystems Jim Hanula, SRS Research Entomologist Victor Rudis (now deceased), Research Forester, SRS Forest Inventory and Analysis Tom Philipps, Botanist, NFS Texas Pauline Spaine, SRS Pathologist



Nonnative Invasive Species in

Southern Forest and Grassland Ecosystems



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THE UNIVERSITY OF GEORGIA

CENTER FOR INVASIVE SPECIES ECOSYSTEM HEALTH Knowledge and Information on Invasive Species of Southern Forests and Grassland Ecosystems – Draft June, 2008

- High Priority NNIS Database according to: NatureServe and IFAS Assessments for Plants & N. Amer. Forestry Comm. ExFors
- Early Detection Watch List of NNIS by Categories: Not in US, In US but not in Region, & In Region but restricted
- Databases for ALL Currently Recognized NNIS
- A "Worst List of NNIS" to focus communications
- A Map detailing Invasion Zones
- Web Links to Invasive Sites



Nonnative Invasive Species in

Southern Forest and Grassland Ecosystems

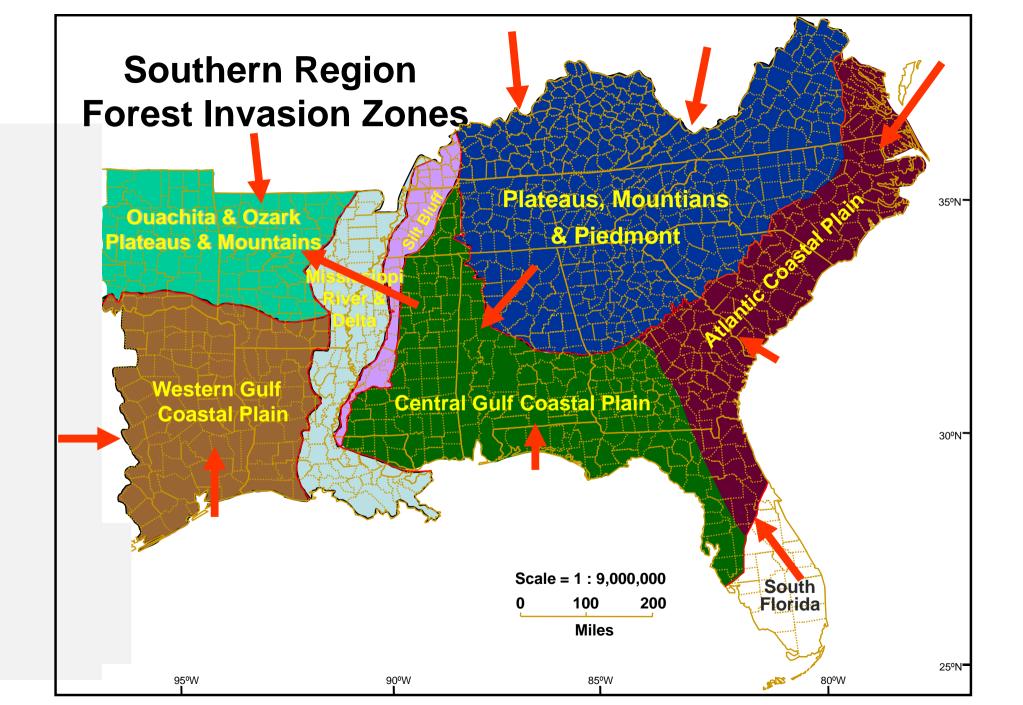


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THE UNIVERBITY OF GEORGIA

CENTER FOR INVASIVE SPECIES ECOSYSTEM HEALTH

Forest Invasive Taxa	High Priority	Complete	EDRR
Terrestrial Plants	65	379	76
Aquatic Plants	10	48	16
Pathogens (mainly fungi)	6	21	3
Insects	10	67	7
Crustaceans	1	6	2
Mollusks	2	72	2
Jellyfish	1	1	0
Earthworms	2	11	0
Tapeworms	1	1	0
Mammals	7	8	1
Birds	5	5	0
Fish	8	22	5
Reptiles, amphibians, & lizards	5 <u> 0</u>	<u>43</u>	4
	118	619	116





Nonnative Invasive Species in

Southern Forest and Grassland Ecosystems



THE UNIVERBITY OF GEORGIA

CENTER FOR INVASIVE SPECIES ECOSYSTEM HEALTH Maps of Occupation and Estimates of Acres Covered by Nonnative Invasive Plants in Southern Forests

James H. Miller, Research Invasive Ecologist

Erwin B. Chambliss, Research Associate USDA Forest Service Southern Research Station Auburn, Alabama

Christopher M. Oswalt USDA Forest Service Southern Research Station Forest Inventory and Analysis Knoxville, Tennessee

FIA Survey Guide

Nonnative Invasive Plants of Southern Forests

A Field Guide for Identification and Control



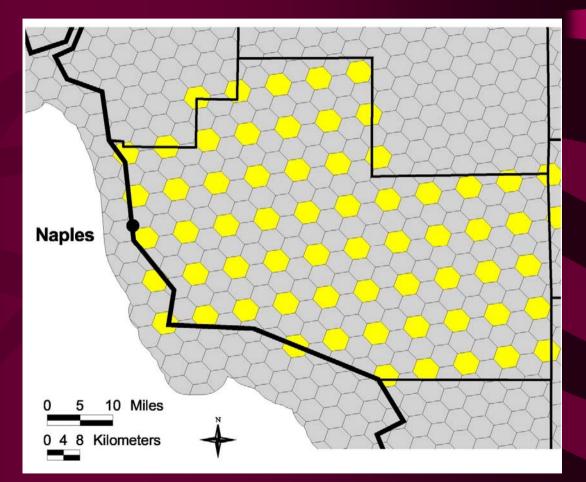


es Forest Service nt Southern Research Station are General Technical Report SRS-XX James H. Miller

Survey of Invasive Plants

20% of hexagons sampled every year

1-7 years to complete a State then cycle reinitiates

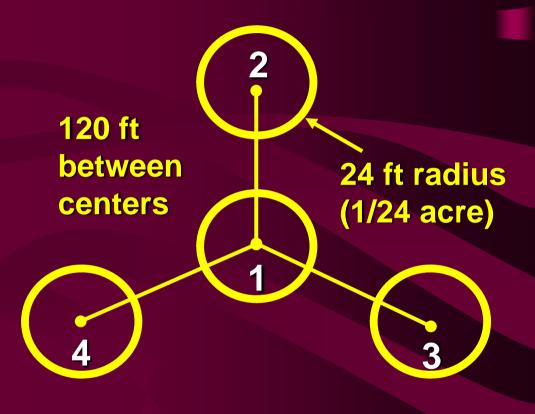


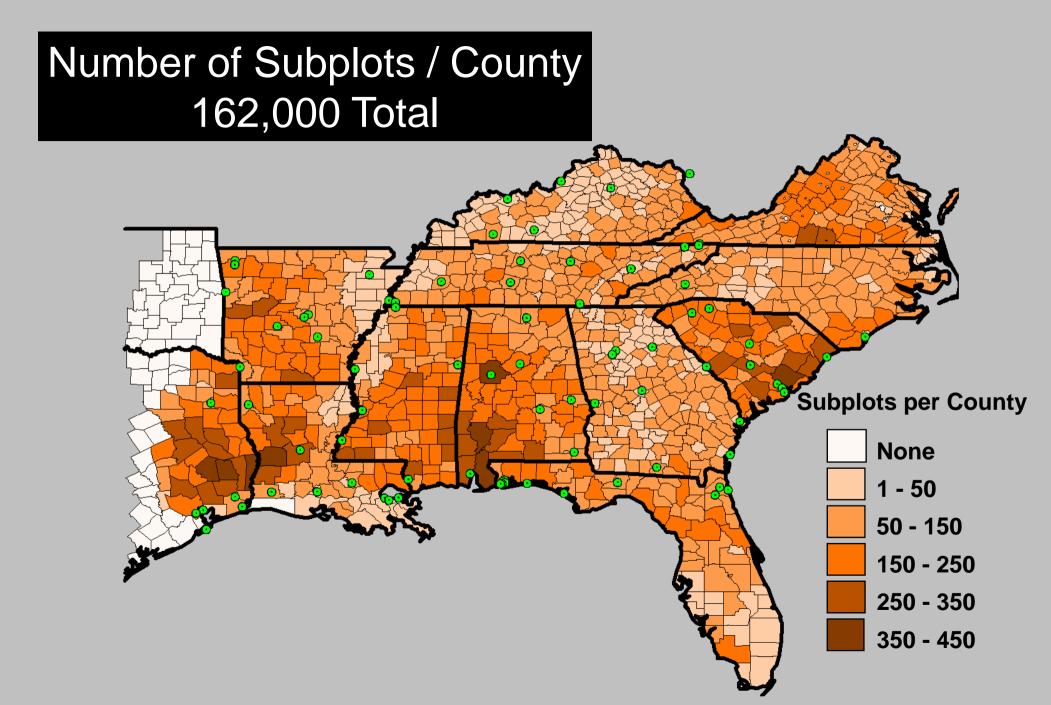
FIA Forest Survey Plots

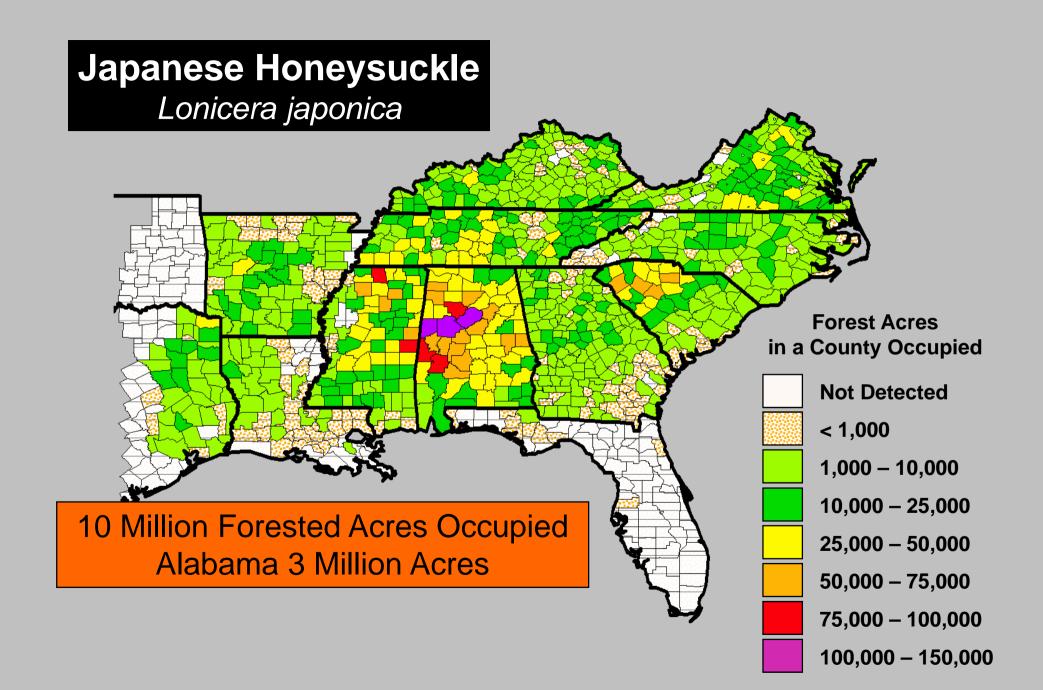
A Sample Plot is randomly positioned within each hexagon

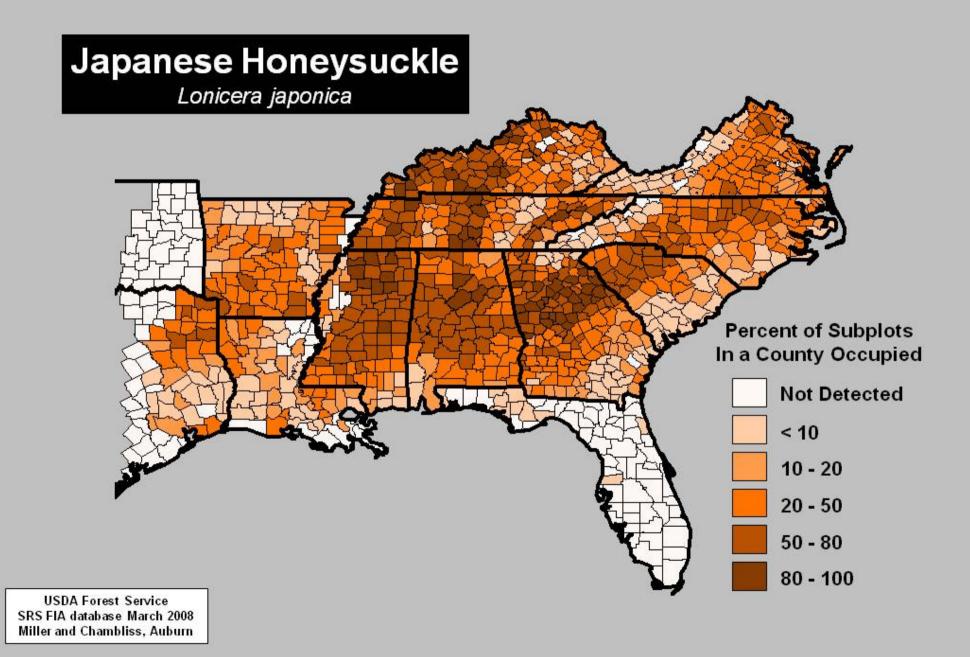
Sample Plots contain 4 Subplots each 1/24 acre

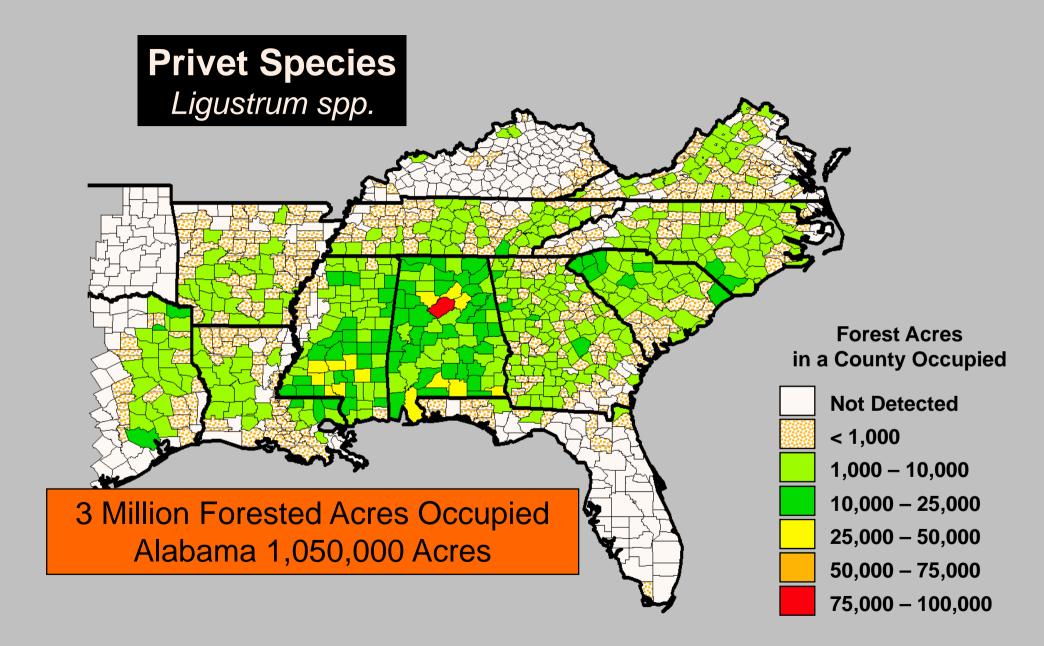
1 subplot = 1,500 acres

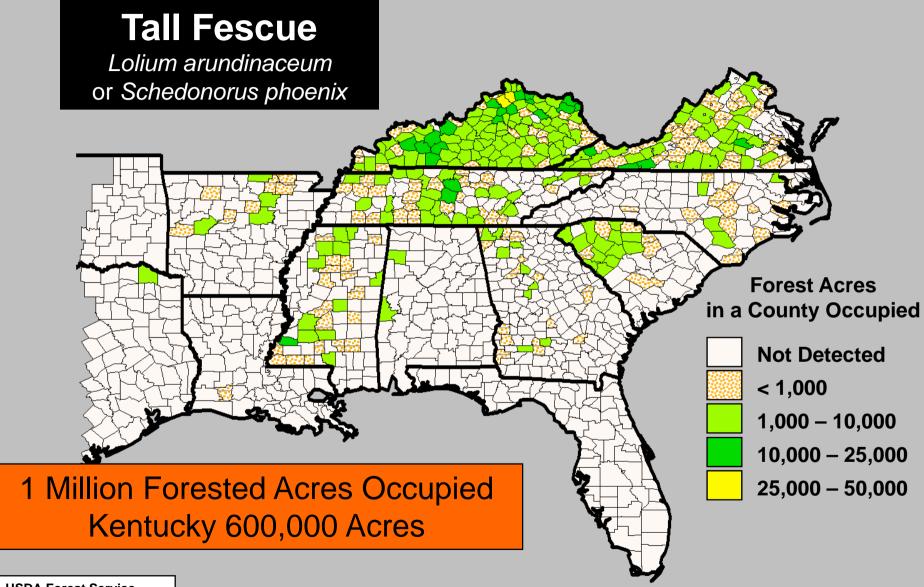








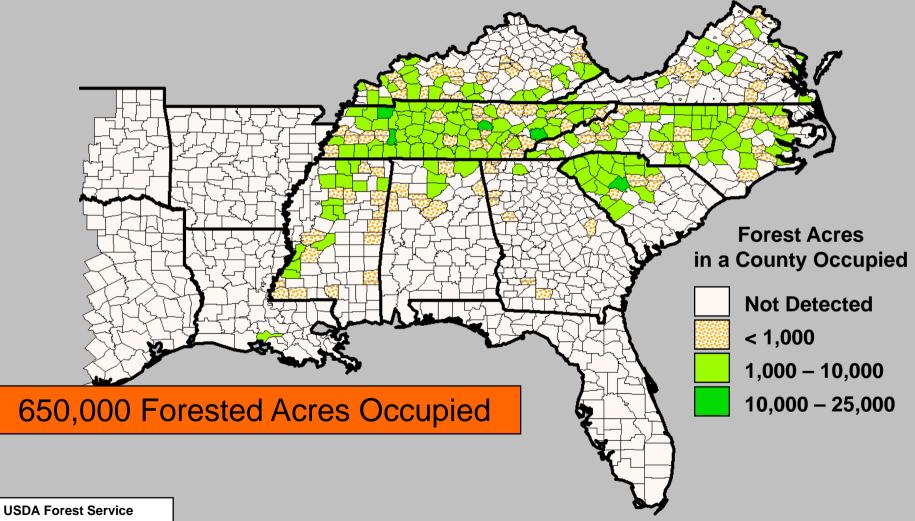




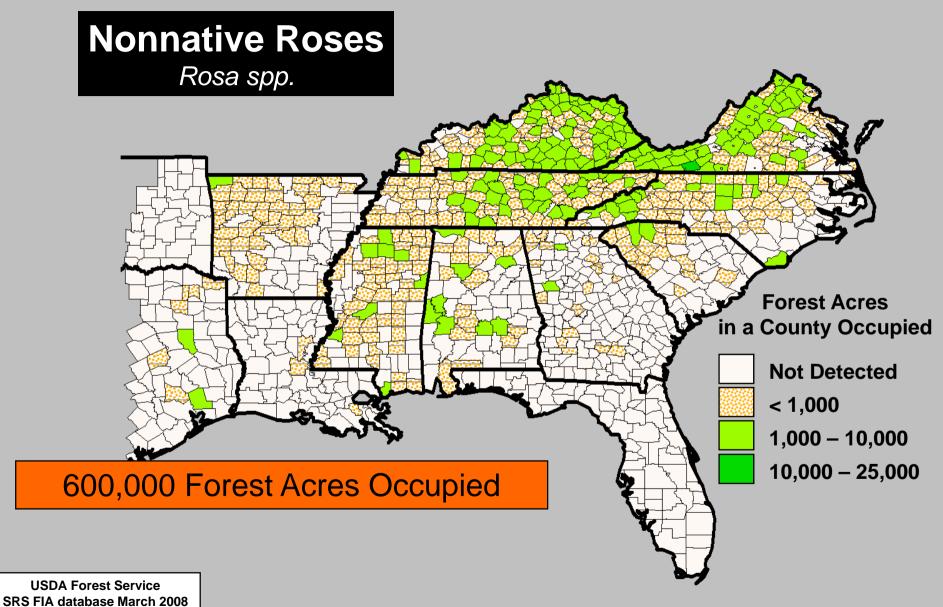
USDA Forest Service SRS FIA database March 2008 Miller and Chambliss, Auburn

Nepalese Browntop, Microstegium

Microstegium vimineum



SRS FIA database March 2008 Miller and Chambliss, Auburn



Miller and Chambliss, Auburn

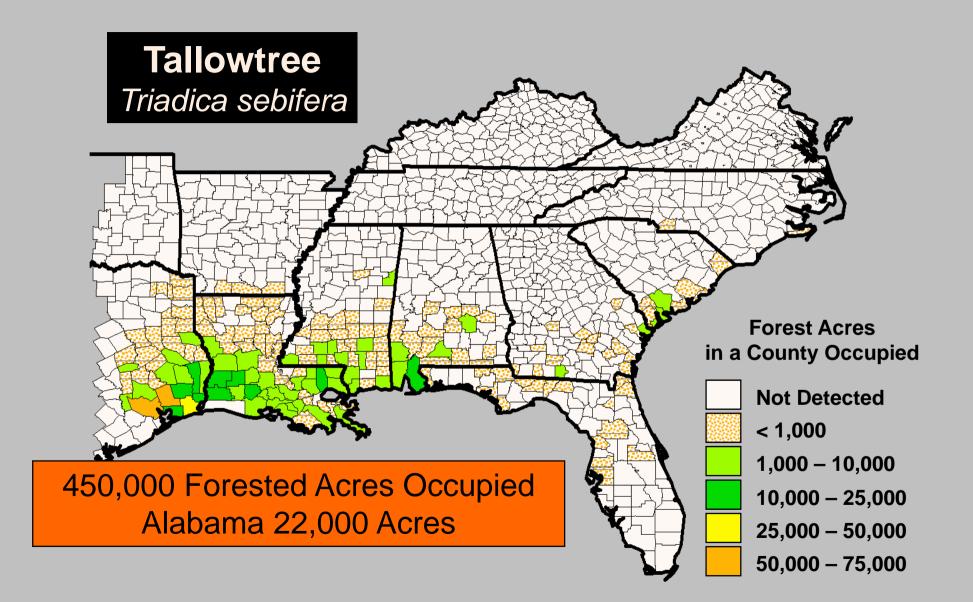




Photo courtesy: Alabama Forestry Commission

COMING SOON !!!!

Nonnative Invasive Plants of Southern Forests A Field Guide for Identification and Control

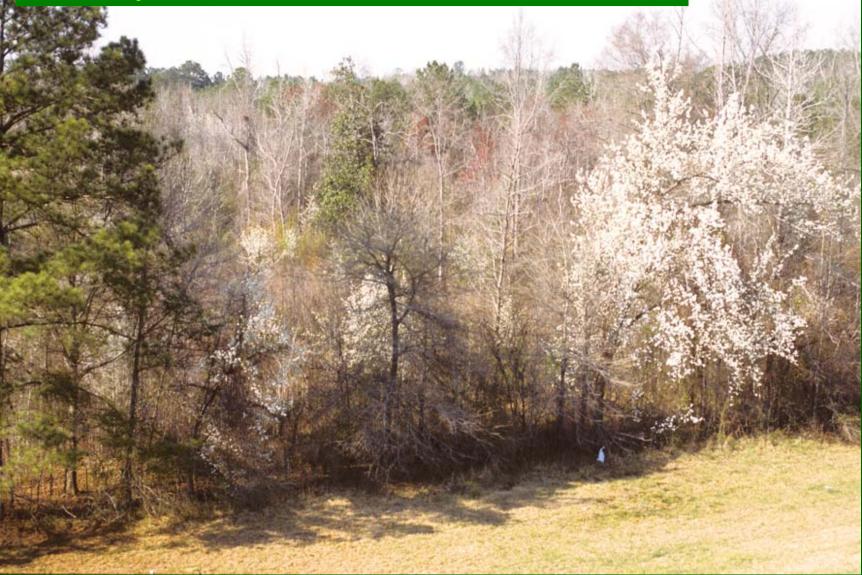


Department Southern Research Station of Agriculture General Technical Report SRS-XO lames H. Miller

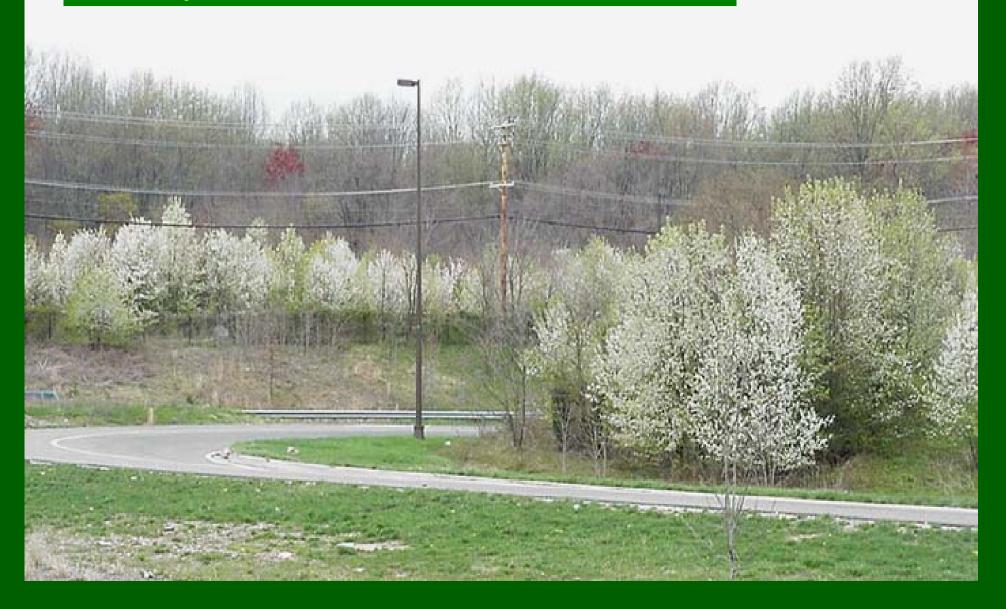
A Field Guide for the Identification of Nonnative Invasive Plants in Southern Forests Miller, Chambliss, and Loewenstein Reviewers: Hansen, Lance, Manning, Minteer, & Nation

A Management Guide for Nonnative Invasive Plants of Southern Forests Miller, Manning, and Enloe Reviewers: Evans, Fraley, Minogue, Moorhead, & Nespeca

Callery Bradford Pear



Callery Bradford Pear



Beale's barberry, leatherleaf mahonia (Mahonia bealei)









Beale's barberry, leatherleaf mahonia (Mahonia bealei)



Japanese Knotweed



We Must Have a Cadre of Trained and Professional Applicators like the US Park Service's Southeast Exotic Plant Management Team





We Must Have a Cadro of Trained and Professional

US Pa



otic Plant

