

Auburn University –
A Resource for Forest Owners

Jim Shepard

April 23, 2011

Alabama Forest
Owners' Association



School of Forestry & Wildlife Sciences

- **A critical part of the forestry and natural resources infrastructure**
- **We support forest landowners through:**
 - **Education**
 - **Research**
 - **Extension**



Education

- **Foundational training for foresters and wildlife professionals**



Research

- **Advance the knowledge base**
- **Deliver information through extension**
- **Two-way flow of information**



Research Examples



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****EQUIPMENT and SEEDLINGS FOR SALE****

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Cultural Practices
Disease & Weed Control
Improved Seedlings
Labels
Extension Forestry
Fumigants
Mycorrhiza
Nursery Insect Pests



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Forest Policy Center

Internal
Working Paper Series
No. 125

Willingness to Pay for Hunting Leases in Alabama



The estimated Willingness To Pay was \$1.29/ac per hunter or \$23/ac per hunting club, more than double the actual average payment of \$0.52/ac per hunter or \$9.36/ac per hunting club.

These results suggested that landowners in Alabama could increase access fees for hunting leases.



Extension

- **Continuing education for foresters, loggers, and wildlife biologists**
- **Public outreach and education**
- **Landowners**
 - **Publications**
 - **Workshops**
 - **Expertise**





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www.aces.edu/2010

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Your Role in Sustaining a Critical Resource

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Timber Harvesting

Forestry & Wildlife Sciences Extension

The School of Forestry and Wildlife Sciences welcomes you to its Extension web site. Our objective is to provide Alabamians with the information needed to make natural resource related decisions; from building bluebird boxes, to finding a professional logger, to water quality indicators. You can download or order a publication from this site, check the continuing education calendar, or locate Natural Resource Agents in your region. We encourage you to browse, send us questions, or visit other sites linked through our site. [Comments](#) are appreciated.

News



A Landowner's Guide for Wild Pig Management: Practical Methods for Wild Pig Control

By: Dr. Mark Smith School of Forestry and Wildlife Sciences, Auburn University ANR-1397: A Landowner's Guide for Wild Pig Management: Practical Methods for Wild Pig Control Authors: Bill Hamrick, Mark Smith, Chris... [more](#)

Announcements

Register Here for Upcoming Forestry & Wildlife Conferences

Alabama Invasive Plant Council 9th Annual Conference
April 20th

Bird Identification Workshop
April 25th-27th

Introduction to ArcGIS for Forestry and Natural Resources
May 12th-13th

Alabama Certified Prescribed Burn Manager Training
May 24th-27th

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Need to Talk to an Extension Professional?

There are several types of Alabama Extension professionals you can contact:

County Extension Agents

County agents can help you find out about local events, provide you with certain publications, or often help with natural resources questions. There is a county Extension office in every Alabama county waiting to serve you

Extension Specialists

Extension Specialists are faculty members at Auburn University. Typically a specialist has expertise on a particular subject matter. They can answer questions over the phone, email, and letters. Because their area of responsibility covers the entire state, Extension Specialists do not typically have the resources to conduct on-site visits.

Outreach/Continuing Education

We offer continuing education programs, Professional Logging Manager credits and Continuing Forestry Education credits. For more information, please contact us.

Regional Extension Agents for Forestry, Wildlife, & Natural Resources

There are seven regional agents specializing in Forestry, Wildlife, and Natural Resources. These individuals have received specialized training and can usually answer most technical questions related to natural resources management, including forestry, wildlife, and pond management. They can also make limited on-site visits to discuss natural resources management on your property.

[Forestry, Wildlife & Natural Resources Regional Map with Contacts](#)





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Visit your County Extension Office's homepage and get to know your local Extension Agents!

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Other Offices -

- Alabama 4-H Center
C. Beaty Hanna Horticulture & Environmental Center
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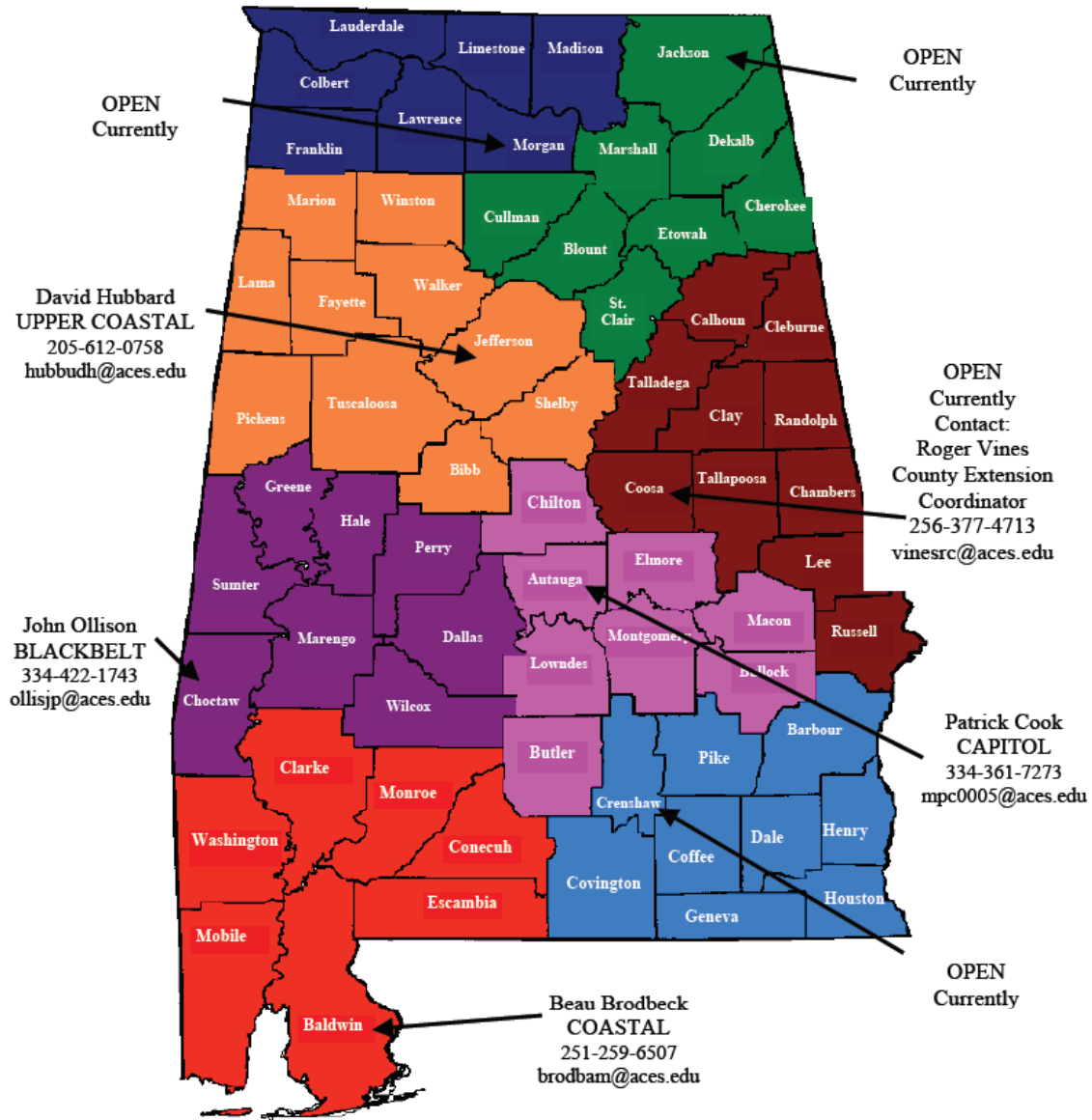
Forestry, Wildlife, & Natural Resources Extension Specialists

The following Auburn University Extension Specialists have expertise related to Forestry, Wildlife, and Natural Resources.

Brenda Allen	Urban Forestry
Jim Armstrong	Wildlife Damage Control
Becky Barlow	Forest Management & Economics
Eve Brantley	Watershed Restoration
Bill Deutsch	Alabama Water Watch
Stephen Enloe	Invasive Plant Ecology & Control
Doyle Keasal	Environmental Education K-12
Nancy Loewenstein	Invasive Species
Ken McNabb	Artificial Regeneration
Mathew Smidt	Timber Harvesting
Mark Smith	Wildlife Management
Robert Tufts	Timber Harvesting



FORESTRY, WILDLIFE & NATURAL RESOURCES REGIONAL EXTENSION AGENTS

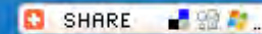




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Author: BARLOW
PubID: ANR-1373

Title: COMMON FORESTRY TERMS FOR THE FOREST LANDOWNER

Pages: 0 Balance: 0

Status: IN PRODUCTION

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Common Forestry Terms for the Forest Landowner

Without a basic understanding of forestry terms, it can be difficult to communicate with foresters or buyers of forestland or timber. Being well versed in forestry terminology can help landowners feel confident when making management decisions or selling their timber. This glossary is a tool for landowners seeking to define ownership objectives, develop management plans, improve their timber stands, or conduct a timber sale. Using a forestry consultant is highly recommended, and knowing these terms can help landowners better communicate with foresters and understand various forestry processes.

Forest Management

afforestation

Growing trees on land where there were none. Cost-share programs usually require that the land has not been in forest for at least several decades.

agroforestry

The practice of growing trees and agricultural or horticultural crops on the same site.





Landowners and Forest Inventories: Frequently Asked Questions

Assume you just purchased a new car and have decided to sell your old vehicle yourself. What is the first thing you would do? You would determine the value of the vehicle and a reasonable sales price, right?

Most people wouldn't dream of trying to sell something as valuable as a vehicle without first knowing what it is worth. Yet, every day there are timber sales that can be much more valuable than a used car, and landowners have no idea what the timber is worth. They have no idea if they got a fair price for their timber.

It is well worth your time and effort to have your timber inventoried prior to a timber sale. Failing to do so may cause you to sell your natural resource assets for less than current market value because the actual value of the timber is not known, or because it may be marketed improperly.

The following will answer many of your questions about inventorying and selling your timber. Our goal is to make you a more informed seller.



Figure 1. A forest inventory can help you understand what your timber is worth, and it may help in designing a silvicultural prescription or land management plan to meet your objectives.

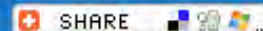




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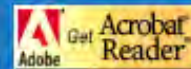
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Author: BARLOW Title: IN ALABAMA, MONEY DOES GROW ON TREES; FORESTRY AND ITS ECONOMIC IMPORTANCE IN ALABAMA Pages: 0 Balance: 469
PubID: ANR-1331 Status: IN STOCK

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In Alabama, Money Does Grow on Trees: Forestry and Its Economic Importance to Alabama

The largest wood-supplying region in the United States is the South, and Alabama figures prominently among southern states in timber production. Based on 2002 estimates, almost 56 percent of the total timber harvest in the United States was from southern states, and that trend is predicted to continue through the next 50 years. It was also estimated that between the years 2002 and 2050 the majority of the timber produced will be harvested from forested acres owned by private landowners.

Alabama boasts an estimated 22.6 million acres of forestland, which produced almost \$1.7 billion in forest products in 2006. Widely accepted measures of economic activity such as employment, payrolls, and value of shipments can be used to illustrate how forestland, the source of all timber production, is vitally important to Alabama's economy. In this publication, these measures of economic activity



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Natural Resources Series

TIMELY INFORMATION

Agriculture & Natural Resources

Costs for Common Forestry Practices in the South*

Table 1 summarizes average costs for seven common forestry practices in the U.S. South since 1996. Costs were derived from a survey of forestry professionals in private forest industry, public agencies, and forestry consultants located across the southeastern United States. This survey has been completed every two years since 1982, and provides cost trend data for southern forestry practices. Survey results for the 2008 survey includes data provided by 53 forestry professionals in private forest industry, public agencies, and forestry consultants located in 14 southern states

We believe the results provide a reasonable representation of costs for various forestry practices in Alabama. However, it should be noted that costs for individual, nonindustrial private forest landowners will depend on a number of factors. For example, local availability of vendors and the size of area to be treated by a certain practice may influence costs. A good rule of thumb is treating larger areas generally costs slightly less on a per acre basis than the same treatment on smaller acreages.

More detailed cost information on specific forestry practices can be obtained by requesting a reprint of *Costs and Costs Trends for Forestry Practices in the South*, by Rebecca J. Barlow, Mathew F. Smidt, Jennifer Z. Morse, and Mark R. Dubois in the September/October 2009 issue of *Forest Landowner*, www.forestlandowners.com.



Forestry Practice	1996	1998	2000	2002	2004	2006	2008
Controlled, prescribed burning	14.65	16.58	17.70	14.41	21.08	24.94	29.31
Mechanical site preparation	108.05	122.14	136.03	166.50	105.23	119.72	157.32
Planting							
by hand	0.0607	0.0670	0.0641	0.0800	0.0668	0.0863	0.1079
by machine	0.0651	0.0593	0.0770	0.1100	0.1162	0.1168	0.1386
Precommercial thinning	89.22	71.27	82.27	102.10	74.98	58.89	80.81
Fertilization	56.52	54.80	43.08	56.04	50.08	77.98	110.28
Timber cruising	3.06	4.10	3.45	5.40	3.32	6.01	6.28
Marking trees for harvest	12.21	15.06	25.70	65.09	14.62	58.26	86.99





A LANDOWNER'S GUIDE FOR
WILD PIG MANAGEMENT
PRACTICAL METHODS FOR WILD PIG CONTROL

Bill Hamrick, Mark Smith, Chris Jaworowski, & Bronson Strickland
Mississippi State University Extension Service &
Alabama Cooperative Extension System

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Managing White-Tailed Deer: Camera Surveys

Landowners and hunters continually seek new tools, information, and techniques for managing white-tailed deer on their properties. One technique that has grown quite popular is the use of game cameras to conduct surveys of local deer herds. Since the late 1980s, researchers have used game cameras to study numerous aspects of white-tailed deer ecology and biology. Advances in technology—mainly the advent of computers and digital cameras—have made the use of camera surveys a practical technique that can be easily used by all landowners. Vast improvements in the quality, storage



Figure 1. Camera surveys can be used to gather information about white-tailed deer on your property.





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Author: STRIBLING
PubID: ANR-0512

Title: WILD TURKEY MANAGEMENT IN ALABAMA

Pages: 4 Balance: 0
Status: IN PRODUCTION

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Wild Turkey Management In Alabama

The wild turkey thrives as a classic example of wildlife management success. During the Depression years, wild turkeys numbered fewer than 10,000 in Alabama and were restricted to scattered pockets of isolated habitat. In the short time since then, restocking of suitable habitat, protection, and management have allowed turkeys to respond dramatically to favorable land-use changes. Wild turkeys now occupy portions of all 67 counties in Alabama and may exceed 300,000 in number.

Life History

During fall and throughout most of winter, wild turkeys gather in flocks. Flocks are usually distinct units comprised of adult and young hens, adult gobblers, or, by mid-winter, young gobblers. Large flocks, often referred to as droves, are more common in western races of the wild turkey than in the eastern subspecies found in Alabama.

Stimulated by warming temperatures and increasing daylight, flocks begin to break up during late winter and early spring. Young gobbler groups, however, may remain together throughout their first spring.



Workshops

- **Longleaf Pine Management**
- **Risks and Risk Management**
- **Should I have a Will or a Trust**
- **Why You Should Have Your Own Estate Plan**
- **Landowner Liability**



Workshops

- **Forest and Wildlife Management for the Private Forest Landowner**
- **Managing Feral Hog Damage**





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Wednesday, April 20

Alabama Invasive Plant Council Annual Conference
Time: 8:00am - 5:00pm Audience: Statewide
Location: Lee County - AU Hotel and Conference Center

Monday, April 25

Bird Identification Workshop
Time: 12:00pm - 12:00pm Audience: Statewide
Location: Covington County - Solon Dixon Forestry Educational Center, Andalusia, AL

Tuesday, April 26

Growing Up Wild
Time: 9:00am - 3:00pm Audience: County / Local
Location: Houston County - 1699 Ross Clark Circle, Suite #4

Bird Identification Workshop
Time: 12:00pm - 12:00pm Audience: Statewide
Location: Covington County - Solon Dixon Forestry Educational Center, Andalusia, AL

Wednesday, April 27

Growing Up Wild
Time: 9:00am - 3:00pm Audience: County / Local
Location: Houston County - 1699 Ross Clark Circle, Suite #4

Bird Identification Workshop
Time: 12:00pm - 12:00pm Audience: Statewide
Location: Covington County - Solon Dixon Forestry Educational Center, Andalusia, AL





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May 2011

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Thursday, May 5

Alternative Forest Products Workshop & Tour

Time: 8:30am - 3:30pm Audience: County / Local

Location: Escambia County - Solon Dixon Forestry Ed. Ctr., 12130 Dixon Ctr. Rd., Andalusia, Alabama 36420

Thursday, May 12

Introduction to ArcGIS for Forestry and Other Natural Resource Applications

Time: 7:30am - 7:30am Audience: Statewide

Location: Lee County - 602 Duncan Drive, 3301 Forestry & Wildlife Sciences Bldg, Auburn University, AL 36849

Friday, May 13

Introduction to ArcGIS for Forestry and Other Natural Resource Applications

Time: 7:30am - 7:30am Audience: Statewide

Location: Lee County - 602 Duncan Drive, 3301 Forestry & Wildlife Sciences Bldg, Auburn University, AL 36849



Thursday, May 5, 2011

Event:	Alternative Forest Products Workshop & Tour	Start:	5/5/11 8:30am
Fee:	-0-	End:	5/5/11 3:30pm
Calendar:	ACES Forestry, Wildlife & Natural Resource Mngt.	County:	Escambia
Address:	Solon Dixon Forestry Ed. Ctr., 12130 Dixon Ctr. Rd., Andalusia, Alabama 36420	Phone:	251-867-7760
Contact Name:	Beau Brodbeck, REA Forestry	Email:	brodbam@auburn.edu
Event Website:			
Audience:	County / Local		
Description:	CEU's Available Workshop Topics: *Silva pasture *Pine Straw production *Wild blueberry harvesting for farmers markets *Invasive Trees for firewood *Collecting seed for understory plants for longleaf habitat restoration		



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