

CAPITAL IDEAS

The Newsletter of the Alabama Forest Owners' Association, Inc. Advocate for the Forest Owner

September 2020 Vol. 39, No. 9

www.AFOA.org

CALENDAR OF EVENTS

Phone: (205) 624-2225

E-Mail: RLL@AFOA.ORG

Fax: (205) 624-2228

SEPTEMBER 2020

September 1...Shelby/Chilton/Bibb Counties. Special Primary Election - Republican Runoff for vacant House District 49 seat. This seat was previously held by state Representative April Weaver. The special general election is set for November 17, 2020.

September 1...Online 6 PM CT. Forest Management Considerations will be presented via Web-Ex. Speaker: Marc Measells, MSU Extension. For more information contact Marc at (662) 325-3550.

September 1...Online 7:30 PM CT. **Best Deer** Season Ever Webinar Series is the first webinar in the series. The topic for this session is Food Plot Preparation and Planting. For more information call the Pickens County Extension Office at (205) 367-8148.

September 1-3...Fernandina Beach, Florida. Florida Forestry Association (FFA) Annual Meeting at the Omni Amelia Island Resort, 39 Beach Lagoon Road. Fee: \$575. Call FFA at (850) 222-5646.

September 2...Online Noon CT. Leveling Up Your Family Business Board webinar is presented by The Family Business Consulting Group (FBCG). This program is for multigenerational family enterprises that are considering the development or enhancement of a board of advisors or directors. No fee. For more information call FBCG at (773) 604-5005.

September 3...Online County 8 AM - 4 PM CT. Alabama Prescribed Fire Council Annual Meeting will be presented via Zoom Meeting. Landowners and land managers welcome to attend. Fee: \$35. Contact Ryan Mitchell at (251) 423-9415.

September 3...Online 7 - 9 PM CT. Basic Estate Planning will be held via Zoom Meeting. Topics to include: Advance Directives, Power-Of-Attorneys, Wills, and Trusts. Fee: \$5. Contact Robert Tufts at (334) 734-2120.

September 3-4...Fayette County. Forestry Continuing Education at Bevill State Community College in Fayette. This program is for foresters. Topics include: Invasive Species, Wild Hog Control, BMP's, Prescribed Burning, Timber Markets, and More. 10 CFE hours available. Fee: \$225; lunch included both days. For more information call (205) 932-4335.

September 5...North/Central Alabama. North Zone Dove Season Opens on Labor Day Weekend which is a week earlier than most people are accustomed to. The season's first segment runs through October 25 with a second segment running November 21-29. The final segment is set for December 12 through January 10, 2021.

September 8...Online 7:45 AM - 3:45 PM CT. **Pine Genetics and Nursery Updates** will be presented via Zoom Webinar. Individuals interested in reforestation of lands they manage or own are increasingly faced with a variety of genetic options offered by nurseries that produce southern pine seedlings. Upon completion of this meeting, a forest landowner or land manager will be able to make more informed decisions when selecting and purchasing loblolly, slash, and longleaf pine seedlings for reforestation efforts. Fee: \$150. Contact Ingvar Elle at (706) 583-0566.

September 8...Russell County 12 Noon - 1 PM CT. **Don't Guess Soil Test** at 508 14th Street, Phenix City. Contact Jennifer Davidson at (334) 298-6845.

September 8...Online 12 Noon - 1 PM CT. ForestHer: Forest Health will be presented via Zoom Webinar. This lunch and learn is for women that own forestland or are just interested in learning more about forestry in a relaxed, fun setting. Join during your lunch break. Pre-registration required. Contact Bence Carter at (334) 389-4055.

CANCELLED... September 9-11....Chattanooga, Tennessee. **Tennessee Forestry Association Annual Meeting.** Contact Dana Howard at (615) 883-3832.

September 10...Covington County 6 - 8 PM. Establishing and Managing Plantings for Wildlife at the Covington County Extension Office, 23952 Alabama Highway 55, Andalusia. This workshop will focus on management strategies and opportunities that landowners can use on their property when establishing wildlife plantings. To register call the Extension Office at (334) 222-1125.

September 13-15...Baldwin County. Alabama Forestry Association Annual Meeting at the Perdido Beach Resort in Orange Beach. Fee: P. O. Box 361434 Birmingham, Alabama 35236-1434



\$495; \$20 discount if paid by August 31. Contact Liz Chambers at (334) 481-2135.

September 15...Houston County 9 AM. The AFOA Forestry Field Day will meet at a location To-Be-Determined. Come meet with *Holmes Hendrickson*, Consulting Forester. Topic: Site prep for replanting: Ground versus aerial herbicide applications. Will include demonstration if conditions are favorable. RSVP to Jessica Nelson at (334) 524-1920.

September 15...Online 7:30 PM CT. Best Deer Season Ever Webinar Series is the second webinar in the series. The topic for this session is <u>Stands, Houses, Safety, and Ethi-</u> cal Decisions. For more information call the Pickens County Extension Office at (205) 367-8148.

September 15-17...Starkville, Mississippi. (dates are tentative) Prescribed Burning Short Course at Hilton Garden Inn, 972 MS-12, Starkville. The course is open to the public and designed for anyone wishing to become a Certified Prescribed Burn Manager in Mississippi. Prescribed burning is one of the most efficient and cost-effective tools available to foresters and landowners in the Southeast for understory management, fuel reduction, site preparation, wildfire risk reduction, and wildlife habitat improvement. Fee: \$250. Limited to 40 participants. Contact Allen Stroud at (769) 798-2597.

September 16...Online 11 AM CT. The Seedling Genetics and Soil Fertility webinar will be presented via Zoom. This webinar will cover the important aspects of choosing the appropriate genetics for your long-term forestland investment. Appropriate site prep, fertilization, timing, and density all play critical roles in ensuring the success of a new plantation. Web address: https://bit.ly/learnsep16 If you need assistance connecting to the webinar email contact@sref.info.

September 16, 17, 23, & 24...Online 3 -4:30 PM. Preparing for Generation NEXT Workshop will be presented via Zoom. The workshop covers nine steps to successful legacy planning. Some of these steps include: Commit to beginning the planning, Determine your family assets, Write down long-term goals, Hold a family meeting, Gather essential documents, and more. Fee: \$40/family. Contact Jennifer Gagnon at (540) 231-6391.

September 17...Online 8 AM - 4 PM CT. Timber Tax and IRS Reporting will be held via Zoom Meeting. <u>Topics</u> to include: Income tax implications of forest operations, Acquiring land, Calculating depletion allowance, Reporting timber sale income, Site prep expenses, and more. CFE hours available. Attendance

(CALENDAR of Events Continued on Page 3)

STANDING TIMBER VALUES				
PINE	Sawtimber		Power Poles	
	\$ per ton		\$ per ton	
Alabama	2Q19	2Q20	2Q19	2Q20
North	23.41	22.06	48.26	44.22
South	23.76	24.50	53.22	44.69
Average	23.59	23.28	50.74	44.46
Pine Sawtimber — 15,000 lbs./1000 Board Feet (Scribner)				

2nd Quarter, 2019 (2Q19) and 2nd Quarter, 2020 (2Q20) from Timber Mart-South, University of Georgia. ★ For subscription details: call (706) 247-7660 or visit www.timbermart-south.com №109/2020

- Dow-Jones Industrial Average: 27739.73
- 10-year Treasury yield: 0.644%
- Dollar: 105.79 Yen; Euro: \$1.1861
- Oil: \$42.58/barrel
- Gold: \$1,933.80/troy ounce Source: *The Wall Street Journal*, 08/21/20

"MOST GRADE HARDWOOD is moving again. ..hardwood sawmills ..." are "... paying good prices for most forms of hardwood sawtimber." Source: Forest Management Specialists' *Timber Market Update*, 8/6/20.

STOCK MARKET REPORT			
		Price Per	Share
Company or Fund Name 08/15/19 08/14/20			
PotlatchDeltic Corp. (PCH)	REIT	36.49	45.28
Rayonier (RYN)	REIT	26.85	27.86
Weyerhaeuser Co. (WY)	REIT	24.78	28.36
Louisiana Pacific (LPX)		22.76	32.01
WestRock (WRK)		32.60	30.29
CUT	ETF	24.20	27.02
WOOD	ETF	53.09	63.88
Stock Market Report courtesy of Howard Sokol, Raymond James			

Financial Services, Birmingham, Alabama.

THE NETHERLANDS DOUBLED its wood pellet imports from 2018 to 2019, and pellet imports are expected to double again in 2020 to 2.5 million metric tons (MT). "The country obtains most of its pellets from the Baltic states, Russia, and the US. With an expected shortfall in the availability of pellets from the Baltic states and Russia in 2020, imports of US pellets could increase to 500,000 MT this year, up from 130,000 MT in 2019 and just 7,000 MT in 2018." Source: *The Forestry Source*, 8/20.

LUMBER PRICES			
Source: Random Lengths Lumber Price Guide	08/14/20		
2 x 6 untreated framing lumber*	\$750		
2 x 6 pressure treated lumber**	\$670		
* 2x6 #2&Btr KD Central Southern Pine (f.o.b. mill) (per 1000 board feet) ** 2x6 #2 Pressure-Treated Southern Pine (f.o.b. mill) (per 1000 board feet) PLEASE NOTE: We are following 2x6 Southern Yellow Pine—Treated and Untreated as of October 2019.			

COULD THE "WORK FROM HOME"

phenomenon reduce property values (and property taxes) of large commercial buildings? Could the loss of property tax revenue from those empty buildings put pressure on lawmakers to raise property taxes on other properties such as homes and rural property? An Idaho tax payer expressed his concern in *The Future of Everything*, 5/29/20, a *Wall Street Journal* subscriber service.

"WE NEED fewer, tougher, cheaper institutions of real higher learning, dedicated to capitalism and freedom." You may be surprised to learn that that statement was made by the Mises Institute, <u>based in Auburn</u>, Alabama. To learn more call 334-321-2100.

AERIAL PHOTOGRAPHS, GIS, & MAPS				
GIS Mapping marancha77@yahoo.com	m (205)403-8803			
CERTIFIED PUBLIC ACCOUN	NTANTS			
JamisonMoneyFarmer PC Tuscaloosa,	AL (205)345-8440			
Richard, Harris, Ingram and Bozeman, PC	C (334)277-8135			
CONSULTING FORESTER - Mer	mber: ACF			
C. V. Forestry Services Clayton, AL	(334)775-8345			
Melisa V. Love, RF, ACF Opelika	(334)745-7530			
Joseph E. Rigsby, RF, ACF Georgiana	a (334)265-8200			
Larson & McGowin, Inc. Mobile, AL	(251)438-4581			
Eddie Carlson, RF, ACF Montgomery	(334)270-1291			
McKinley & Lanier Forest Res. Tuscaloo	sa (205)344-5139			
Gibson Forest Mgmt., Inc. Aliceville, A	AL (205)373-6168			
Forestall Company, Inc. Hoover	1-800-844-0904			
John R. Stivers, RF, ACF, CF AL & GA	(334)253-2139			
Sizemore & Sizemore, Inc. Tallassee, A	AL (334)283-3611			
J. Pat Autrey Fort Deposit	(334)227-4239			
F & W Forestry Services LaFayette	(334)864-9542			
M & W Forestry Consultants Ozark, AL	(334)432-0467			
Edward F. Travis, RF, ACF Mobile, AL	(251)408-1467			
CONSULTING FOREST	ER			
Stewart Forestry Services, Inc. Decatur,	AL (256)350-9721			
Midsouth Forestry Services, Inc. Gordo,	AL 1-888-228-7531			
Forever Green, Inc. Leeds, AL	(205)837-4466			
American Forest Mgmt. Prattville, AL	(334)358-2345			
Southern Forestry Cnslt. Enterprise, A	L (334)393-7868			
Eiland Forestry & Real Estate Trussvill	le (205)655-0191			
Foster Land Management, LLC Central A	Ala. (205)826-7741			
Lang Forestry Consultants, LLC Selm	a (334)327-9294			

CONSULTING FORESTER (Continued)
Cliff A. Logan & Associates, Inc. Eutaw, AL (205)372-9321
Richard Crenshaw, RF Greenville, AL (334)382-3826
M. Tyler Travis, RF Citronelle, AL (251)406-9485
HERBICIDES & WEED CONTROL
B & S Air, Inc. Herbicide Sales, Aerial and Ground Application www.bandsairinc.com (229)838-6733
INSURANCE
Alabama Medicare Plans Birmingham, AL (205)290-8648 Making Sense of Medicare www.alabamamedicareplans.com
Hunting Lease & Timberland Liability Group Policies Alabama Forest Owners' Association (205)624-2225
LAND FOR SALE
Tutt Land Company www.tuttland.com (334)534-1315
Carlson Land Services Montgomery (334)270-1291
Hudson Hines Real Estate www.hudsonhinesrealestate.com
American Forest Mgmt. Prattville, AL (334)358-2345
Southeastern Land Group, Inc. 1-866-751-5263 Farm & Timber Land AL, GA, TN, FL www.selandgroup.com
John Hall & Co. www.johnhallco.com (334)270-8400
National Land Realty NationalLand.com (855)NLR-LAND
Larson & McGowin, Inc. Mobile, AL (251)438-4581
Southeastern Realty & Auction Co John Hall (334)534-0525
Longleaf Land Co. LLC longleafland.com (334)493-0123
Mossy Oak Properties - Logan Land Co. 1-877-377-5263
Target Auction Company Real Estate AuctionsAll of SE1-800-476-3939 www.targetauction.com
McKeithen Land & Realty, LLC (251)424-4656
Great Southern Land greatsouthernland.com (334)472-0029
Travis Timberlands www.edwardftravis.com (251)408-1467
Real Estate - ARC Realty - Mark Chapman (205)403-8803
LAND MANAGEMENT SERVICES
Scotch Land Management, LLC Fulton, AL (334)637-2128
NUISANCE WILDLIFE CONTROL
Rabolli Environmental, Inc. (205)277-9426

POND MANAGEMENT				
Honey Hole Fisheries	(205)333-3665			
PC	POSTED SIGNS			
Alabama Forest Owners' A	(205)624-2225			
REAL ESTATE APPRAISALS				
Larson & McGowin, Inc.	Mobile, AL	(251)438-4581		
TIMBER BUYER				
Blue Ox Forestry, Inc.		(334)875-5100		
IndusTREE Timber, Inc.	(334)567-5436			
Ronny Wimberley Land &	Timber Division	(251)605-5049		
Ideal Timber Company, In	с.	(334)375-2895		
Reynolds Timber Compan	у	(205)928-0131		
TIMBER SALE ASSISTANCE				

TIMBER BUYER LIST for your county. Printed on gummed labels ready for mailing prospectus. Just tell us the county in which your timber is located. \$15 per county. MEMBERS ONLY. AFOA, Box 361434, Birmingham, AL 35236

TREE PLANTING	G EQUIPMENT &	SERVICES	
Site Preparation & Tree Planting Services. For a list in your county, call AFOA at (205)624-2225.			
TREE	SEED FOR SAL	E	
LOUISIANA FOREST SEED	CO.	(318)443-5026	
TREE SE	EDLINGS FOR S	ALE	
NTERNATIONAL FOREST Let's	COMPANY Grow Together	1-800-633-4506	
ArborG Be a Proud Steward 1-800-222-1280			
SUPERIOR TREES, INC.	Lee, FL	(850)971-5159	
PLANTED -	AEUSER SEEDLIN PROVEN - PROF 800-634-8975		

(CALENDAR OF EVENTS CONTINUED FROM PAGE 1)

limited, Fee: \$25, Contact Robert Tufts at (334) 734-2120.

September 18...Online 11:30 AM - 5 PM CT. Conservation Easements: Legal, Appraisal, Accounting, and Ethical Issues will be presented via Zoom. This seminar will address current legal and valuation issues associated with appraising Conservation Easements. Fee: \$125. Contact Pamela Paulk at (205) 835-0808. Editor's Note: Be especially wary when signing away your property rights.

September 22-23...Jamestown, Kentucky. Kentucky Woodland Owners Association (KWOA) Annual Meeting at the Lake Cumberland State Resort Park. Fee: \$70. Contact the KWOA at (606) 782-1317.

POSTPONED September 22-23...Online. Longleaf Pine Webinar This workshop has been postponed until November 10-11.

September 24...Conecuh County 9 AM - 4 PM. The Natural Shift: Converting from Loblolly to Longleaf Over Time at Reid State Technical College Library, 100 Highway 83, Evergreen. This workshop will cover methods and best practices when converting to longleaf while maintaining a pine overstory and a groundcover restoration demonstration. Fee: \$20. Contact Ryan Mitchell at (251) 937-7176.

September 28-29...Conecuh County. ForestHer Basics: A Workshop for Women Who Love the Land at Saloom Properties LLC, 2835 Booker Mill Road, Evergreen. This workshop will cover: Forestry terms, Reading maps, Forest soils, Basic tree identification, The importance of forest inventories, Management plans, and more, all in a relaxed, fun setting. Fee: \$65. Contact Becky Barlow at (334) 329-0554.

September 29...Online 7:30 PM CT. Best Deer Season Ever Webinar Series is the third webinar in the series. The topic for this session is Habitat and Deer Management. For more information call the Pickens County Extension Office at (205) 367-8148.

OCTOBER 2020

October 1...Athens, Georgia 8:30 AM - 4 PM ET. Intro to Forestry (For Ladies) at Flinchum's Phoenix, 605 Phoenix Road. This workshop is the first in a 3 part series. Topics include: Intro to land management, Harvesting 101, Reforestation, Survey Activity, Consultant roundtable ... Fee: \$25. For more information contact Danielle Atkins at (706) 631-4440.

October 3...Dover, Tennessee. Healthy Hardwoods Field Day at Stewart State Forest. More details to come. Contact Dana Howard at (615) 883-3832.

October 3...Autauga County. Adult Mentored

(CALENDAR OF EVENTS CONTINUED ON PAGE 6)

DEMAND FOR HUNTING LAND: We can't prove that demand is up but we know that we can't keep hunting tracts listed on AFOA's www.HuntingLand.bz webpage for very long. One landowner wrote in mid-Augusts, "You are right about the demand for hunting land. I have sent out over 100 responses to my two ads and still counting. I'm thinking that people must be seeing hunting as a safer amusement than organized sports in this time of pandemic." \$10, \$15, and even \$20 per acre annual lease prices are common.



IN CASE YOU MISSED IT, tree planting contractors were given a pass by the White House from recently imposed restrictions on legal migrant labor regulations (H2B visas). So tree planting activities will progress "normally" this fall and winter.



WE SAW A **"SPRING-LOADED,** FLOATING" CATTLE GUARD in Farm Show that we thought you might be interested in, but when we tried to find a photo of it on the web, we ran across this just as inter-



esting ATV Cattle Guard available from NRS for \$499.99. Made in Texas. Call 940-310-8406.

If you're interested in a truck-sized springloaded, floating cattle guard, call Triple Pass Welding in Manitoba Canada. 204-523 -0446. About \$900 plus shipping.

We also read in Farm Show, Vol. 44, No. 4, about "Lightweight Plasma Rope Stronger Than Steel Cable," (and a whole lot lighter in weight). The rope doesn't stretch, so if it were to break, it won't snap at you like a big bull whip. The Farm Show article featured Samsel Supply Co. in Cleveland, Ohio, but we suspect you can find other suppliers on line. Call 800-892-8012.



"IN PECAN AMERICA, John Gifford takes an outwardly simple subject, the pecan, and reveals its historical richness, ecological significance, and cultural complexity. Pecan America is a delightful and informative journey into a beloved but at times misun-

derstood American food ... " - Stephanie Anderson. About \$27 online from various sources

"FROM THE FIRST WRITTEN REC-ORD of it made by the Spaniard Cabeza de



Vaca in 1528 to its nineteenth-century domestication and its current development into a multimillion dollar crop, the pecan tree has been broadly appreciated for its nutritious nuts and its beau-

tiful wood. In Pecan: America's Native Nut Tree, Lenny Wells explores the rich and fascinating story of one of North America's few native crops..." About \$30.



While the site of **Noland Lumber Company** has changed over the years– a fire forced the company to move from Aliceville to Kennedy, and then a decade later it moved to Gordo-its commitment to high quality and customer service hasn't changed. Those have been the pillars of the family-run business since it started in 1971. "My father and grandfather started this business, and it was important to them to take care of their community and their customers," said owner Mike Noland, who joined the company in 1978 and then took over the business in 2008. "It's also important to us to be good stewards of the environment."

Noland Lumber Company purchases only high quality hardwood timber, which it then uses to produce various size lumbers to meet its customers' needs. When the sawmill first opened, the company was producing upwards of 10,000 board feet per day. Today, the company runs approximately eight to 10 million board feet per year, selling much of its lumber all over the Southeast and even exporting it around the world. "We're proud of what we do, and much of that is due to the employees," Noland added. "Many employees have been here 25 years plus, and we're proud of that."

Microsoft, SilviaTerra Team Up on Forest Carbon Project

By Steve Wilent

If you're a forest landowner who wants to sell carbon in addition to timber, you'll have to change your forest practices—say, by increasing your rotation age—and demonstrate that doing so has allowed more carbon to accumulate in your forest than it would have under business-as-usual management. Under the Forest Projects Protocol for California's greenhouse gas Cap-and-Trade Program, landowners must commit to maintaining these practices for **100 years**, a term untenable for many.

In contrast, as part of the American Forest Foundation's Family Forest Carbon Program, landowners agree to modify their forest practices for **10 to 20 years**.

SilviaTerra, which describes its Natural Capital Exchange (NCAPX, silviaterra.com/ ncapx) as a data-driven marketplace for forest carbon credits, is betting that an even shorter term—one year—will be attractive not only to small landowners, but also to landowners who own many thousands of acres. Microsoft, the computer software and services giant, has provided support; the company recently has shown interest in SilviaTerra's work.

I recently spoke with Max Nova, cofounder of SilviaTerra, about NCAPX. I also spoke to two landowners who have enrolled in the pilot program and a forester familiar with it.

"For us, it started four years ago, when we began working with some of the big forest carbon project developers on some of their conventional forest carbon projects," said Nova. "We learned about that process and saw a couple of the problems with them, namely, that they exclude a lot of small landowners. And most landowners, even some of the larger ones, aren't ready to sign 100-year contracts. This was preventing the carbon market from getting to the scale that society wants it to be at."

Nova and his colleagues also consider "adverse selection" to be a serious weakness in conventional forest carbon programs: Many of the landowners most likely to sign up for a carbon project are those least likely to harvest timber.

"It's a situation where you're paying somebody that owns a lot of trees [not to harvest], but they're in deep interior Alaska on supersteep mountain slopes a thousand miles from a mill. They're not going to cut those trees," Nova said.

What's more, the costs associated with conventional forest carbon projects are often far too high for smaller landowners.

"You have to have measuring, monitoring, and verification of these projects, and that's part of the reason why small landowners haven't been able to participate—the overhead costs are so high. A landowner could be looking at \$100,000 or \$200,000 and two years to get a project set up," he said. "We saw this as an opportunity for technology to come in and reduce those costs."

To test this technology and a process that would offer smaller landowners revenue based on the carbon their forests sequester, SilviaTerra established a pilot NCAPX project in six counties in western Pennsylvania. The 21 landowners—with a total of 68,000 acres who agreed to participate have one-year agreements that ended on July 31, 2020. Microsoft has agreed to purchase \$300,000 in forest carbon offsets from these landowners, via SilviaTerra.

The process works like this:

- SilviaTerra uses its Basemap technology to estimate the volume of timber on a parcel, the amount of above-ground carbon sequestered in that timber, and the amount of that carbon that would be removed under business-as-usual management practices.
- The landowner agrees to defer or reduce harvesting for one year.
- SilviaTerra hires a forester to conduct field measurements on the property to verify the amount of carbon sequestered in the timber above the business-as-usual management scenario.
- SilviaTerra sells the carbon credits (to Microsoft, for this pilot project).
- SilviaTerra pays the landowner a preagreed per-ton rate for the carbon sequestered.

On one 1,179-acre parcel, for example, SilviaTerra informed the landowner that business-as-usual management would reduce the carbon on the parcel by 2,461 tons. By not harvesting during the one-year term, the landowner could expect to receive \$3.55 per ton for up to 2,461 tons, for a maximum of \$8,736.55.

Said Nova: "A big part of our role is that, for any parcel in the US, we are able to cookie -cut that parcel out of our nationwide Basemap data layer, so without any boots on the ground initially, we can tell a landowner, 'Hey, if you want to participate in the forest carbon market, here's how much carbon you can bring to the table,' and give them some rough guidance on what the price might be. It's up to the landowner to determine if it makes economic sense for them to defer harvests for a year or if harvesting during that year offers a better return on their investment."

Landowners pay nothing to participate in the program. SilviaTerra sells carbon via an auction and earns a transaction fee paid by the buyer. SilviaTerra pays for field inventories and other costs.

"We want to be very landowner-focused, and we want to make it as easy as possible for them to participate," said Nova. "At the same time, we don't want to be giving landowners free money for doing what they were going to do in the first place, so we have to demonstrate to buyers [of carbon credits] that we're assessing landowners' harvest risk and that we're actually changing behavior on the landscape." Under NCAPX, behavior is changed for one year. Why such a short term?

"Our view is that, while we do have a oneyear term-and it may not be the same acres every year-these are the lowest-cost acres where you can actually change management," Nova said. "Ultimately, we're incentivizing people to push out their rotation age, so across the landscape, it actually increases the average age of forests. Think about the US South, where people are growing loblolly pine on a 26-year rotation. The average age of those stands is 13 years. If we pay them to extend their rotation by a year or more, to 27 or even 28 years, and maybe get that average up to 14 or even 15 years, in aggregate that actually represents an enormous amount of carbon. We think NCAPX offers the lowest-cost path to achieve that."

Nova notes that, for landowners in the southern US growing loblolly pine on short rotations, "the price of carbon might not be high enough to incentivize them to defer their timber harvest for another year—they might lose too much in net present value to do that."

Nova also notes that the idea of a one-year term may seem radical.

"In traditional forest carbon projects, the incentives are completely identical to what we're doing," he said. "When you sign up for a traditional forest carbon project, you're contractually obligated to maintain carbon above some baseline. Once that baseline is set, as a forest manager your whole job every year is to look for the lowest-cost way to maintain your carbon above that baseline. All we're doing is taking that dynamic and, instead of confining it within the relatively small geography of a traditional forest carbon project, we want to deploy it across every acre of the landscape."

SilviaTerra plans to roll out its program in 11 southern states in 2021.

"We're doing that in part because the economics are really good—extending the loblolly pine rotation is cheap," said Nova. "But we're also doing this because of the region's supply chain, and it's the home of a lot of the big industrial and consumer-goods companies who are making carbon commitments. For them to be able to say, 'Hey, we're actually paying landowners to grow carbon in this region,' that's a great story for them."

The Landowners

Max Lowrie, a woodland owner and president of the Woodland Owners of Clarion Allegheny Valley (WOCAV), just ended his oneyear contract with SilviaTerra. As with the other landowners who signed up for the project, the term ended July 31, 2020. Lowrie owns 145 acres, where he manages the timber and has installed food plots aimed at providing forage for game, including wild turkey and white-tailed deer. As forest landowners, Lowrie and his family were intrigued by the NCAPX pilot project. "While we wish we could make money every year off the land, it doesn't always work out that way," he said. "I've been reading about carbon credits and carbon markets for the last four or five years, but I honestly did not believe that I would ever see any money from the carbon credit market in my lifetime. When SilviaTerra reached out to us and indicated that they were interested in piloting this program in our county, we jumped at the chance."

Lowrie suggested that other WOCAV members look at the SilviaTerra program, and several expressed interest in signing up. Last year, SilviaTerra cofounder Zack Parisa visited with a group of the landowners to discuss the pilot project and its parameters. When some of the landowners objected to a provision in a draft contract that would have prohibited them from harvesting significant amounts of timber during the contract year, Parisa agreed to modify the contract terms to allow harvesting. If a landowner opts to harvest timber during the contract year, their payment will be lower or zero, reflecting the lower additional amount of carbon sequestered on their property, but with no other penalty. That proved acceptable to the group of landowners.

"One of the things I really like about the SilviaTerra program is that it runs on a year-to-year basis," Lowrie said. "The American Forest Foundation's carbon credit program is a 10- to 20-year commitment. Ten or 20 years? I really can't see doing that. I can see landowners going for a two- or three- or four-year commitment, but some landowners would balk at five years or longer. When SilviaTerra said that they would keep their program at one year, I said, 'Well then, you can sign me up.""

Although at this writing Lowrie had yet to see how much revenue he'll realize from his contract, he said he is interested in signing up for another year.

"If we make a couple bucks, it's great. If not, then we helped the forest with sustainable management. We're pretty flexible," he said.

Marnie and Craig Ochs are Pennsylvania forest landowners with a family history of lumbering and forestry. Craig's father owned and ran Rick Ochs Lumber for many years, until the family closed the mill about 20 years ago; Craig worked at the company as a young man.

The Ochs enrolled two parcels totaling nearly 2,000 acres in the NCAPX pilot.

"To me, it's free money," said Marnie. "Timber is a pretty front-heavy investment when you buy the property, and then every year you pay real estate taxes—we probably pay right around \$30,000 a year in real estate taxes."

The prospect of defraying some of those taxes and other costs was attractive to the Ochs.

SilviaTerra hired foresters to assess the timber on the properties.

"They went and did their thing, [then] Zack

sent us a letter of intent, and we signed it," she said. "I think it's a great resource, and I hope it continues."

The Ochs received two letters, one for each of the two enrolled parcels.

Marnie and Craig are distressed when they come across parcels owned by other owners who have high-graded them.

"We're a very conscientious forestry family," said Marnie. "Pennsylvania has some of the most beautiful hardwoods that you'll ever want to see, and it's definitely a resource that you want to grow and preserve, versus just raping the land. This [NCAPX] program would be great for people who can't really afford not to cut their timber. If it could pay someone's taxes and they weren't dependent on cutting their [forest] down to nothing, then everyone wins."

A Consulting Forester's View

SAF member Ken Kane owns and operates Generations Forestry, a consulting forestry firm based in Kane, Pennsylvania. (Kane said that, as far as he knows, he isn't related to the town's founder, Thomas L. Kane, a noted Civil War general.) Some of Kane's clients have enrolled their properties in the SilviaTerra program.

"It's the one program that I have seen that gives relatively small landowners the opportunity to participate without forfeiting total control or a large amount of control over the management of their forests," he said. "It gives them some latitude and allows them an opportunity to sequester carbon, but when necessary, they can pull out of the program and do what they need to do. In that way, it's really attractive for the landowner."

A landowner who had a sudden need for cash would be able to harvest timber to meet those needs without penalty, Kane said, but would forgo revenue under the program if they failed to meet the carbon sequestration targets as specified in the contract.

Revenue from NCAPX can offset some portion of a landowner's property taxes and other costs of ownership, he added.

"What intrigued me about the program is that the reimbursement rate was at least **attractive enough to provide the landowner some incentive to participate**. [In many cases] it will be enough to offset a significant portion of their fixed costs," said Kane. "The numbers that SilviaTerra shared with me were worthwhile enough that I introduced the program to some of my clients and suggested that they talk with SilviaTerra. But I let [the landowners] make the decisions, rather than try to push something on them. I'm not benefiting from this program, and I don't try to sell it to my clients—I let the relationship between my clients and SilviaTerra be independent."

During a downturn in the market for many hardwoods, Kane said that landowners are under pressure.

"When you have an economy such as where we are today with Pennsylvania hardwoods.... Our primary high-value species, black cherry, 20 years ago was selling for three to four times what it's selling for today. Soft maple is worth more today than black cherry," said Kane. "As the value [of many hardwood species] drops, we need things like carbon to reward landowners to do the right thing for the long term. SilviaTerra's program is one that a landowner can participate in as long as they can afford to, and when they have a higher-value alternative, they can step back and pursue a timber sale if they need to. With some of our clients, the money that SilviaTerra has offered will give them enough cash to hold on."

Otherwise, he said, their only other alternative would be timber harvests.

"Even if a harvest is appropriate, we all know that forestry has enough latitude that maybe you can procrastinate for two or three years," Kane said. "And if you can have some way of generating a cash flow for those two or three years until the market makes up the loss that you would've taken had you sold your timber prematurely, you still get the same sustainable shelterwood cut to establish regeneration, or the regeneration cut to promote a new forest, or just a good thinning. This [NCAPX] is a way to put some cash in your pocket and not sell your timber short."

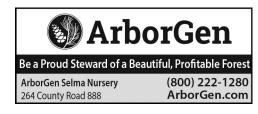
The Next NCAPX Steps

According to SilviaTerra's Parisa, the company plans to extend NCAPX to 11 states in the US South next year: Texas, Oklahoma, Louisiana, Arkansas, Mississispipi, Alabama, Georgia, Florida, South Carolina, North Carolina, and Tennessee. The company has letters of interest from landowners in those states to supply more than six million tons of carbon at the end of the one-year term. The company opted to initiate this stage of NCAPX in the spring of 2021, rather than in 2020, in part due to difficulties in meeting with clients and market uncertainties during the covid-19 pandemic.

"This program requires assessment of business-as-usual demand for timber, and things aren't very 'usual' right now. Even a few months to better assess timber market dynamics will help in this regard," said Parisa. "And measuring the open/close of this program at the end of the dormant season is preferable than at the end of the growing season."

Parisa said that the **company plans to extend NCAPX to all 48 states in the continental US in 2022**. That year, it will begin offering clients access to the same annual mechanism for conserving wildlife habitat for several game and threatened or endangered species.

Reprinted from the August 2020 issue of *The Forestry Source* with permission from the Society of American Foresters and the author. *Steve Wilent* is editor of *The Forestry Source*.



AFTER THE WILDFIRE, a landowner may wish he'd done a prescribed burn. From *Forests* by Walter Stephens:

Next day when walking on your land Which once grew tall and graceful trees The only things your eyes see now Are snags which smolder in the breeze.

If only you had burned that ground When moisture heat and wind were right, You'd not now see this sterile scene Of smoking spires against the light.

A burn controlled is man's attempt To mimic nature's plan, Except to choose the day that's right To gently heat the land.

Source: Georgia Forestry, Summer 2020



Steve Archer grew up in northwest Georgia, but his career in forestry has moved him all over the South. After graduating from the University of Georgia, he moved to Florida to work in land management for Champion International. Nearly a decade later he moved back to his hometown of Cartersville to work as a timber dealer, and it's also where he had his own business for a while. Eventually, he made the move to Russellville, Alabama, to work with American Forest Management, where he's been since 2014. "I love working with the people in this industry," Archer said. "I enjoy meeting people, understanding their needs, and trying to help them with their objectives and their timberland."

Archer's primary client is a large timber investment management organization, but he also does work for other landowners as well. He helps manage everything from <u>timber sales to timber cruises and</u> <u>reforestation</u>. "I'm not out in the field as much as I used to be, but I still love how it's fast-paced and every job is different," he said. "I have also enjoyed being part of the Alabama Forest Owners Association. It's nice to meet so many landowners through the association's annual meeting." (CALENDAR OF EVENTS CONTINUED FROM PAGE 3)

Hunt Workshop at the Autauga Wildlife Management Area. These workshops provide participants with an opportunity to learn hunting basics, firearm safety and handling, where to hunt, and the equipment and gear needed. The October 3rd workshop will focus on how to hunt deer with archery equipment. Other workshops are available throughout the state. There are eligibility requirements. Fee: \$20. For more information email Justin Grider at justin.grider@dcnr.alabama.gov.

October 6...Online 12 Noon - 1 PM CT. ForestHer: Timber Products will be presented via Zoom Webinar. This lunch and learn is for women that own forestland or are just interested in learning more about forestry in a relaxed, fun setting. Join during your lunch break. Pre-registration required. Contact Bence Carter at (334) 389-4055.

October 7-8...Athens, Georgia. Forestry for Non-Foresters at Flinchum's Phoenix, Whitehall Forest, 650 Phoenix Road. "This course will be especially useful for landowners and those who work with foresters and the forest industry such as forestry agencies, associations, forestry investment firms, real estate investment trusts and banking institutions with forest investments." Course could be held online if determined as necessary. Fee: \$345; \$50 discount if paid by September 15. Contact Ingvar Elle at (706) 583-0566. See the leaders of this course give a teaser presentation at the 2016 AFOA Annual Meeting at www.afoa.org/meetings/AM/AM2016/ Hubbard Irwin.htm

Cotober 8...Choctaw County 9:30 AM. The AFOA Forestry Field Day will meet at a location To-be-Determined. Come meet with Stephen Butler, Consulting Forester. <u>Topic:</u> <u>Pine reforestation and the benefits of thinning</u> <u>pine plantations</u>. RSVP to Jessica Nelson at (334) 524-1920.

October 10...Limestone County. Adult Mentored Hunt Workshop at the Swan Creek Wildlife Management Area, 18936 Harris Station Road, Tanner. Fee: \$20. For more information email Justin Grider at justin.grider@dcnr.alabama.gov.

October 13...Online 11:50 AM - 4:15 PM ET. **Forestry Herbicide Update Workshop** will be presented via Zoom Webinar. Course participants will receive updates on current herbicide research and information on herbicide applications <u>commonly used throughout a</u> <u>pine rotation</u> to improve survival and growth. Presenters: Dr. David Dickens and Dr. David Clabo of University of Georgia. Fee: \$125; \$25 discount if paid by September 29. Contact Ingvar Elle at (706) 583-0566.

October 13...Burns, Tennessee 5:30 PM. Tennessee Forestry Association (TFA) Regional Meeting at Montgomery Bell State Park Lodge. Topic: Forestry by the Numbers - <u>The</u> Importance of our Industry & Landowners. Presenter: Rachel Greene, Forest Data and Analysis Unit Leader. Fee: \$20. Contact Dana Howard at (615) 883-3832. *This meeting* was originally scheduled July 28.

October 13...Online 7:30 PM CT. Best Deer Season Ever Webinar Series is the fourth webinar in the series. The topic for this session is <u>Rules</u>, <u>Regulations</u>, and <u>Chronic Wasting Disease</u>. For more information call the Pickens County Extension Office at (205) 367-8148.

Central Time. *CAPITAL IDEAS* - *LIVE!* 15minute Telephone News Conference for Alabama Forest Owners. Listen on your phone or later on the web. Call AFOA to register: (205) 624-2225.

CANCELLED...October 14-15...Shelby County. **Alabama Landowners Conference.** Contact William Green at (334) 612-5235.

C October 15...Online 6 PM−8 PM. Zoom Dinner & Discussion. More details next month.

October 16...Barbour County 9 AM - 2 PM. **Forestry Alternative Income Opportunities** at Barbour County Extension Office, 525 School Street, Eufaula. Topics will include <u>Pine straw</u> <u>and Hunting lease opportunities</u> as well as a field demonstration of a pine straw operation. To register, call the County Extension Office at (334) 687-5688.

October 20-23...Online. **Biennial Longleaf Conference** will now be held as a virtual conference. Fee: \$285; \$30 discount if paid by October 1. For more information email Sarah Crate at sarah@longleafalliance.org.

October 21...Athens, Georgia 7:30 AM -4:30 PM ET. Nuisance Wildlife Damage Prevention and Control at Flinchum's Phoenix. Instructor: Dr. Michael Mengak. Fee: \$215; \$50 discount if paid by September 30. Contact Ingvar Elle at (706) 583-0566.

October 20-21...Russell County. ForestHer Basics at Blessed Trinity Shrine Retreat Center, Fort Mitchell. ForestHer is for women that own forestland or are just interested in learning more about forestry in a relaxed, fun setting. <u>Topics include: How to read maps</u>, Forest soils, Basic Tree ID, Importance of forest inventories, What a management plan is, and Professional services. Fee: \$100; lodging included or \$65 without. Contact Becky Barlow at (334) 844-1019.

October 22...Shiloh, Tennessee 5:30 PM. Tennessee Forestry Association (TFA) Regional Meeting at Hagy's Catfish Hotel. <u>Topic: Controlling Kudzu</u>. Presenter: Richard Sanderson, TDF West District Forester. Fee: \$25; All you can eat dinner included. Contact Dana Howard at (615) 883-3832. *This meeting was originally scheduled August 13.*

(CALENDAR OF EVENTS CONTINUED ON PAGE 7)

MEMBERSHIP APPLICATION			Alabama Forest Owners' Association, Inc.	
				Officers & Board of Directors
MEMBER SERVICE REQUESTS		MEMBERSHIP FEES	Austin L. Rainwaters, President	
[] I own 40 or more acres of forest				Michael C. Dixon, Sr., Vice President
Initial Consultation with a mem			(1st class postage will cause your newsletter to arrive several days earlier than bulk rate)	William C. Yeargan, Secretary
[] I am enclosing \$15 for a Timber	-	County.	urrive several aays earlier than back rate)	Jon R. Ingram, Treasurer Hayes D. Brown, General Counsel
[] Guidelines for Hunting Lease Ag	0		1 YEAR	R. Lee Laechelt, Exec. Vice Pres.
[] Model for a Timber Sale Contract				Henry Barclay, III
[] Application for Hunting Lease L		0	[] Regular Member - Bulk Rate Postage \$17	Harvey Lester Barnett, Jr.
[] Application for Timberland Liab	oility Insurance Coverage	*	[] Regular Member - 1st Class Postage \$29	Mafus R. Bird, Jr.
		A	[] Sustaining Member - 1st Class Postage \$170	Ben F. Black
[] 8" x 10" Posted Signs. Er ("No Trespassing Hunt Club" - y				Robert B. Carr, III
[] AFOA T-Shirt — () Short Slee			2 YEARS	Eleanor Espy Cheatham
Call for colors and sizes. Colo		e, \$15.50 Select style.	Develop Marchan, Della Deta Destano (* 22	Susan P. Dooley
			[] Regular Member - Bulk Rate Postage \$33	William L. Forbes
[] AFOA Ball Cap: \$13. Call to specify color. Color:			[] Regular Member - 1st Class Postage \$57	Wayne Ford
* This service is for landowners only. Hunters may only use the hunti.		the hunting lease liability	[] Sustaining Member - 1st Class Postage \$340	William A. Freise
insurance policy under the mem				James W. Gewin
		3 YEARS	Andrew B. E. Kyle	
(Mr.)(Mrs.)(Ms.)			[] Regular Member - Bulk Rate Postage \$49	Helen Crow Mills Pittman
Name of Landowner (person, family, partnership, corporation, LLC, etc.)*		[] Regular Member - 1st Class Postage \$85	Ira W. Rhodes John A. Screws	
(Mr.)(Mrs.)		LI 8 8 4.		
Name of Person Representing Landowner (optional)*		[] Sustaining Member - 1st Class Postage \$510	Mary L. Wimberley	
Name of Ferson Representing Lande	(optional)			Jan S. Witt
Mailing Address				Capital Ideas & AFOA Staff
Malling Address			SEND APPLICATION & PAYMENT	R. Lee Laechelt, Editor, Capital Ideas
			TO:	Eyvon S. Laechelt, Office Manager
City	State	Zip Code	10.	W. A. "Billy" Laechelt, COO
				Brandie R. Floyd, Member Records
Telephone: home	Telephone: w	ork	AFOA, Inc.	Susan Poe Love, Executive Assistant
-			P. O. Box 361434	Brenda Singleton, Executive Assistant
Telephone: fax E-Mail Address (we do not share)		Birmingham, AL 35236	Martha L. Powell, Executive Assistant	
		Dir minghung Till 00000	Peggy Cooper, Member Records Assistant	
State(s) and County(ies) Where Forestland Is Located — Please List.			Deborah G. Jones, Clerical Assistant	
State(s) and County(les) where Fore	suand is Located — Pleas	SC LISI.		Jessica Nelson, Consulting Forester Project McKenzie Self, Student Intern

(CALENDAR OF EVENTS CONTINUED FROM PAGE 6)

October 22...Henry County 5:30 - 8 PM. Wild Pig Management at the Wiregrass Research and Extension Center, Headland. This seminar will concentrate on wild pig history, biology and ecology in Alabama. It will also provide participants with an overview of wild pig control methods and trapping of wild pigs, as well as demonstrations of discussed techniques. To register, call the Wiregrass Center at (334) 693-3800.

October 27...Online 7:30 PM CT. Best Deer Season Ever Webinar Series is the fifth and final webinar in the series. The topic for this session is <u>Processing and Preparation</u>. For more information call the Pickens County Extension Office at (205) 367-8148.

October 27-29...Online. Keeping Forests Virtual Forum invites you to participate in a forum dedicated to the development of successful payment for ecosystem service projects in the Southeast. For more information contact Scott Davis at sadvis381@gmail.com or keepingforestsforum@gmail.com. Editor's Note: Plan to attend, but be aware that we suspect the outcome of movements like this are not likely to be in the best interests of fee -simple private forest owners.

October 31...Shelby County. Adult Mentored Hunt Workshop at the Cahaba River Wildlife Management Area. For more information email Justin Grider at jus-

tin.grider@dcnr.alabama.gov.

October 31...Baldwin County. Adult Mentored Hunt Workshop at the Upper Delta Wildlife Management Area in Stockton. Fee: \$20. For more information email Justin Grider at justin.grider@dcnr.alabama.gov.

NOVEMBER 2020

November 3...Online 12 Noon - 1 PM CT. ForestHer: Prescribed Fire will be presented via Zoom Webinar. Pre-registration required. Contact Bence Carter at (334) 389-4055.

November 4-5...Athens, Georgia 7:30 AM -4:30 PM ET. Healthy Forests: Managing for Bugs, Wildlife, and Big Trees at Flinchum's Phoenix. Fee: \$345; \$50 discount if paid by October 14. Contact Ingvar Elle at (706) 583-0566.

November 6...Land O' Lakes, Florida 9 AM - 2 PM ET. Land Steward Tour at the property of Jake English. For more information contact Chris Demers at (352) 846-2375.

November 7...Baldwin County. Annual Stockton Sawmill Days at Bicentennial Park. Logrolling, pole climbing, cross-cut sawing, boom walking, performed by professional lumberjacks. Other items of interest: portable sawmill operating basket making, syrup making... Fee: \$10; children under 12 free. Send questions to stocktonsawmilldays@gmail.com.

November 7...Barbour County. Adult Mentored Hunt Workshop at the Barbour Wildlife Management Area shooting range. Fee: \$20. Questions? Send email to Justin Grider at justin.grider@dcnr.alabama.gov.

November 10-11...Online. Longleaf Pine Webinar will be presented via Zoom Webinar. Fee: \$300; \$50 discount if paid by October 20. Contact Ingvar Elle at (706) 583-0566. *This workshop postponed from September 22* -23.

November 11...NATIONWIDE 10:00 AM Central Time. CAPITAL IDEAS - LIVE! 15minute Telephone News Conference for Alabama Forest Owners. Listen on your phone or later on the web.

November 12...Jefferson/Shelby area 6 PM to 8 PM. Dinner & Discussion. More details next month.

November 19...Tifton, Georgia. Timber Taxation Workshop at the Tifton Campus Conference Center. Fee: \$215; \$50 discount if paid by October 29. Contact Ingvar Elle at (706) 583-0566.

November 24...Athens, Georgia 7:30 AM -5:15 PM. Understanding the Role of BMPs at Flinchums Phoenix. CFE credits available. Fee: \$215; \$50 discount if paid by November 3. Contact Ingvar Elle at (706) 583-0566.

More Events can be found on AFOA's website at www.AFOA.org/cal/cal.htm

Always Call Ahead to Confirm Program Details



IF YOU'RE SHORT OF TIME, go back to pages 4 and 5 and just read the places where we've bold-faced the type. SilviaTerra has finally figured out a way for forest landowners to earn money from virtuesignaling-corporations who want to say their operations are "carbon neutral." The strings attached seem to be quite minimal. Let us know if you participate next year when they bring the program to Alabama. Also, if you have any influence on Congress, you might want to point out to those who think forest owners need government help to sell carbon sequestration rights that SilviaTerra is already making it happen without government subsidies.



LITTER JUST ISN'T NORMAL is the title of PALS' poster contest for kinder-



garten through 6th grade. People Against a Littered State is also sponsoring a Recycled Art Contest with "no set theme" for 7th through 12th grades. ...piles of sawdust in Dad's shop, Easter egg dyes, hmmm. For details, contact Jamie Mitchell at 334-263-7737 or Jamie@alpals.org.



"BECOME A POLL WORKER," urges Alabama Secretary of State *John Merrill*. Meet people; make new friends. Call 334-242-7210.



SAFETY TIP OF THE MONTH from *The Progressive Farmer*, August 2020. "While using jumper cables to start another vehicle, try to avoid connecting both cables directly to the battery if at all possible. It is

much safer to install the positive cable on the battery and the negative cable to a good ground on the dead vehicle. Sometimes. sparks can cause a battery explosion if the sparks are directly above the battery. Grounding the negative away from the battery will always avoid an explosion."





A TYPICAL STATEWIDE ELECTION in Alabama, with primary, runoff, and general election, costs about \$16.5 million.

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THE STORY OF TREES and how they changed the way we live, by Kevin Hobbs and David West and illustrated by Thibaud Hérem, "...is very readable, engaging, informative, and entertaining; I enjoyed reading it. But, be warned: *The Story of Trees* is so jam-packed full of fascinating tree facts that it can be overwhelming: Don't try and read it in one sitting or your head is likely to explode. Do dip into it, maybe a tree at a time, and your investment will be wellrewarded." Reviewed by Nigel Chaffey, Senior Lecturer at Bath Spa University. About \$22.





BIG NUTRITION: When it comes to wild edibles found in abundance that provide a lot of nutrition, few plants compare to white oaks and cattails. Acorns from those trees in the white oak group — including white oak (Quercus alba), chestnut oak (Q. prinus), and others — contain less tannins than their red oak counterparts. White oak acorns can be gathered, shelled, and added to multiple changes of boiling water until the resulting water remains clear, thus signaling that most of the tannins have been removed. Once this is complete, the acorn meats can be roasted and salted like nuts or ground into flour. ... a pound of acorns can contain 2,000 calories. While acorn gathering is a seasonal activity, another plant that's often ranked the king of wild foods is cattail (Typha latifolia), which can yield edible portions all year long. The young shoots can be peeled and eaten raw in the spring, and the green flower spikes can be boiled and buttered like corn later on." Source: Beyond Wild Berries, by Phillip Meeks, Sawmill and Woodlot, May/June 2020.