

Forest Forum Washington County Small Woodlands Association

June, 2022



Maura Olivos, The Forest Stewards Guild

May 24, WCSWA Annual Potluck and Foresters for the Birds Program

A traditional potluck with lots of delicious food and good companionship was enjoyed by 30-some WCSWA members and friends at Jackson Bottom Wetlands in Hillsboro. After the potluck, Lee and Nancy O'Banion were introduced as WCSWA's 2021 Tree Farmers of the Year, (see below for their July 16 tour info).

Next, Maura Olivos was introduced as our guest speaker. Maura works full-time with Tualatin Soil and Water Conservation District (TSWCD) and is also the convenor and coordinator for Oregon's "Foresters for the Birds." Maura is PNW Region Coordinator for the Forest Stewards Guild which sponsors Foresters for the Birds. TSWCD is also a supporter.

The Foresters for the Birds program was started in 2008 in Vermont. It had been documented that bird species were in decline on the east coast, and Vermont Department of Forest, Parks and Recreation along with Audobon Vermont wanted to identify suitable breeding and post-breed habitat for birds while still allowing for sustained yields of timber. Maine then took up the banner and published a guide for biologists, foresters, loggers and landowners of 12 eastern bird species that were easy to identify, were in decline and represented different niches and forest types. Besides printed materials, workshops and technical assistance are offered. The idea spread down the east coast and is now in 14 states with specific guidance on active forest management that is bird-friendly. **Continued on page 6**

2021 Tree Farmers of the Year Tour Invitation Lee and Nancy O'Banion invite you to a tour of their Gales Creek property

Lee and Nancy have lived on their 40 acres in Gales Creek for over 40 years. **Barry Sims** of Trout Mountain Forestry has helped guide them to achieve their goals with their management plan. **Barry** will be on hand at the tour to explain the achievements and answer questions.



When: July 16, 9:00am – 1:00pm (no full meal will be served, but muffins, coffee, soda and water will be provided).

Where: 56145 NW Old Wilson River Rd., Gales Creek, OR .

See TFOY Tour, page 7

WCSWA Website – https://wcswa.com/ Website Manager: Michael Morgan Contact Tom Nygren or Bonnie Shumaker for web postings and information. Facebook: https://www.facebook.com/WashingtonCountySmall

WoodlandsAssociation

Forest Forum Newsletter Editors: Tom Nygren & Bonnie Shumaker 503-628-5472 and 503-324-7825 Proofreaders: Bonnie Shumaker, Dan Hundley, Tom Nygren, Ardis Schroeder

WCSWA Leadership

President – Vic Herinckx, 503-645-9434 Vice-President – Barrett Brown, 503-647-6499 Secretary-Treasurer – Bob Shumaker; 503-324-7825

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- Pos. #1: Kathy Brock, 503-702-7620
- Pos. #2: Marc Ahrendt, 503—928-2083
- Pos. #3: Susan Schmidlin, 503-429-7861
- Pos. #4: Tony Spiering, 503-680-8112 Pos. #5: Cathy Dummer, 503-703-6573
- Pos. #6: Kent Grewe 503-701-2087

Legislative Committee Chair: Scott Hayes 503-568-9999 Membership Committee: WCSWA Board members

Program Committee: John and Cathy Dummer – 503-970-8789, Bill Triest – 503-705-5833, Tony Spiering – 503-680-8112

Tualatin River Watershed Council Representatives: Tom Nygren, primary, 503-628-5472, Eric Chambers, alternate, 503-647-2458

EMAIL FOR ANYONE ON THIS PAGE: washcosmallwoodlandsassoc@gmail.com

The Tree Farm Tradin' Post

A free service to our members: List tree farm items/land to buy, sell, or trade. Contact Tom Nygren, 503-628-5472. You can place a free advertisement in Forest Forum. (3 month limit)

For Sale: 1941 Model A Farmall tractor, with disk and plow. In operating condition. Asking \$900. Contact Jim Evans by voice or text at 503-490-0558.

Full box of 8 rolls of white polypro Christmas Tree baling twine.

Old stock, new in box. Harvest King "Plus" by Continental Western Corp of Seattle, WA. 1630 FT/LB 85 LB Tensile, \$35 OBO. Bill Hanson 503-429-9101, If no answer, leave message when the voice says "message." **Wanted:** No new items.

Event Calendar

June	16	Good Wood Celebration	Build Local Alliance. 5:30-7:00pm See page 8
	18	Oregon Woodland Cooperative Annual Meeting	See page 5 or call 503-357-2551 for more information
	23-25	OSWA-OTFS Annual Family Forest Convention	Benton County Fairgrounds – register on email sent by OSWA or call OSWA at (503) 588-1813
July	16	2021 Tree Farmer of the Year Tour and Picnic	Lee and Nancy O'Banion's tree farm in Gales Creek. See page 7.



August	20	Tour of ODF JE Schroeder Seed Orchard	St. Paul, OR. This is where we get our seeds for seedlings. More
			information coming in July FF

Leadership Notes

Vic Herinckx

I missed out on the May potluck to attend the Oregon State College of Forestry Dean's Dinner. This is an annual event to recognize student scholarship recipients in the College of Forestry. It's great to see there are 1,300+ students in the College of Forestry and even better that this year was a record year for scholarship awards exceeding \$900,000.

The winner of the WCSWA scholarship this year was Raymond Hinckley. I did not get a chance to meet Raymond but hoping to connect and provide more information about our scholarship winner in the next newsletter.

I shared a dinner table with Randy & Cindy Hereford, Butch Bernhardt and 2 College of Forestry student ambassadors. Randy is the President and Chief Executive Officer of Starker Forests – a sponsor of the Oregon Family Forest Convention. Butch is the Senior Program Manager with Western Wood Preservers Institute (WWPI), based in Vancouver, WA. What a coincidence to have a wood preservation expert to discuss the merits of pressure treated wood posts after recently observing short stretches of guardrail in the Sunriver area replaced with galvanized steel posts rather than treated wood. Steel doesn't really pencil out as they have similar 50-year lifespans and treated wood is a far cheaper (and better) option!

Recently the WWPI donated \$100,000 to the College of Forestry to support the construction of a pressure treating facility on the Oregon State University campus. The lab will be used by utility pole and treated wood research cooperatives to advance science related to treated wood products like utility poles, railroad ties and marine pilings.

Hoping you all can make it to the Family Forest Convention this year to renew and add connections in the small woodland owner community.

Until next time continue to stay safe!

Richard Waring receives 2020 Marcus Wallenberg Prize

Posted on November 1, 2021 by OSU College of Forestry



Richard Waring

We'd like to congratulate professor emeritus Richard Waring, who was honored as one of three recipients of the 2020 Marcus Wallenberg Prize. He gave the acceptance speech in the digital ceremony and symposium held on October 26, 2021.

Waring, along with co-honorees Joe Landsberg and Nicholas Coops, developed a revolutionary computer model to predict forest growth in a changing climate. Together these scientists fundamentally changed the understanding of forest growth, providing new, spatially explicit tools that are routinely used by forest managers, scientists and policy makers.

The annual prize, one of the highest honors in the field of forestry, is named for the late Marcus Wallenberg Jr., a banker, industrialist and member of Sweden's long-influential Wallenberg family.

Richard Waring joined the OSU College of Forestry faculty in 1963 and remained active in forest science teaching and research until 2018. The **award was announced** in April of last year.

Advertising Opportunity: The Forest Forum is a monthly newsletter sent out to over 300 members and friends of WCSWA. Advertisers receive free newsletters for the duration of their ads. ADVERTISING RATES (PRICE INCLUDES **TYPESETTING & AD PREP)**

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Please send this form, ad copy, logos, photos, etc. to: Bob Shumaker, 52490 NW Cedar Canyon Road, Banks, OR 97106 Thank you for supporting Washington County Small Woodlands Association!

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1/6 page	30	60	150
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Life isn't about waiting for the thunderstorm to pass; it's about learning to dance in the rain. Anonymous Washington County Master Gardeners Classes Offerings

Free In Person Class: **Growing Herbs in Your NW Garden, Thursday, June 16th, 10 a.m. to noon** Location: Washington County Master Gardener Learning Garden at Jenkins Estate, 8005 SW Grabhorn Rd, Beaverton, OR 97007. Preregistration not required.

Free In-Person Family Event **Bees In Your Garden Date Saturday, June 25, 2022, 10 a.m. – noon** Registration Required: http://washingtoncountymasterg ardeners.org. PCC Rock Creek, Bldg. 4 & WCMGA Education Garden.



Keep your forest healthy • Improve wildlife habitat Reduce wildfire risk • Learn about certification

Find it at KnowYourForest.org

All the resources and assistance to manage your forestlands are in one easy to access location that is regularly updated.

- Search by County for local resources
- Find educational materials in the Learning Library
- Refer to forest practice laws
- Register for classes



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Land Use Planning For Rural Parcels

Oregon Woodland Cooperative Annual Meeting - June 18th

Outdoor Event - Equipment Demonstrations

Call 503-357-2551 for more information



OSU Extension Podcasts Available

In the Woods is a podcast series hosted by OSU Forestry & Natural Resources Extension. Recent episodes include "Small Landowner Management" and "Mass Timber" with Scott Leavengood. Listen at <u>https://inthewoodspodcast.com/episodes/</u>





Foresters for the Birds (continued from page 1)

Oregon began developing its own Foresters for the Birds program about 2½ years ago with the theme of "How to keep common birds common." 12 bird species in Western Oregon were chosen associated across different habitats including oak woodlands, Douglas-fir, Western Hemlock, and Western Red Cedar woodlands. The program for eastern Oregon with its own unique habitats will be addressed separately.

The 12 Focal Bird Species in Western Oregon are: Pileated Woodpecker, Brown Creeper, Varied Thrush, Pacific Slope Flycatcher, Pacific Wren, Hermit Warbler, Wilson's Warbler, Acorn Woodpecker, Rufous Hummingbird, Swainson's Thrush, Band-Tailed Pigeon, Black-headed Grosbeak.

Each species is described with suggestions for how to support them with trees, shrubs and herbacous plants through active management. The guide will be published in late June, 2022. Workshops and materials will be offered for foresters, landowners and loggers. WCSWA members will be kept advised.



More on Alex Gorman – New Extension Agent for Washington, Columbia and Yamhill Counties

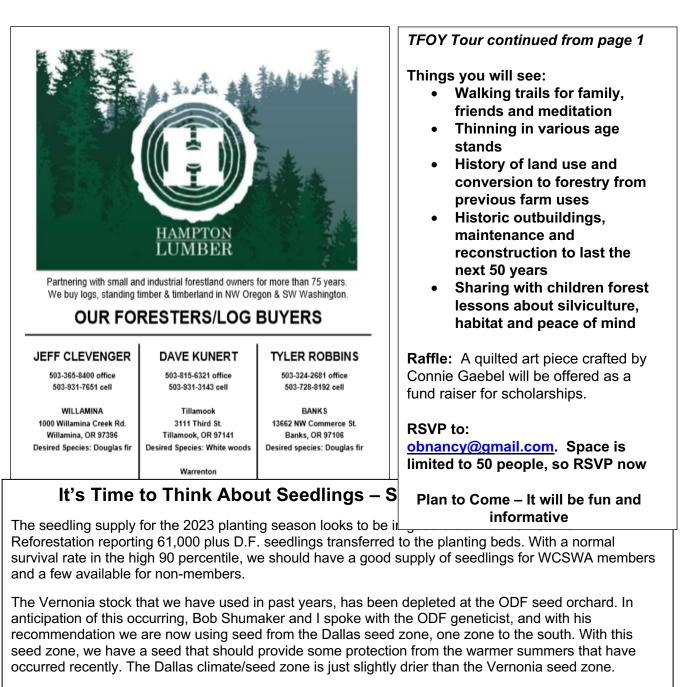
We introduced Alex to you in the May Forest Forum. However, Susan Watkins from Yamhill County had a chance to talk to him one-on-one and was willing to share further information with us. *Thank you, Susan. (See entire interview in Yamhill Co. newsletter)*

Alex's forestry philosophy includes both traditional forestry and planning for climate change. A favorite story involves an annual visit to a family camping site. The road to

their camp passed a stand that had recently been thinned. His mom was alarmed, but Alex was elated, knowing the work would improve the remaining trees.

Though Alex enjoyed his industrial forest work, he missed the social interactions his new Extension work will require. He is eager to jump into conversations with landowners. His goal, he says, is to "meet landowners"

where they are," to help us identify and achieve our goals. Alex has deep ties to Oregon and the Pacific Northwest. His brother lives in Albany, and other family and friends are scattered about the region.



5,000 Western Red Cedar have also been ordered. The WRC are known as "Hi-Terpene", a deer and elk browse resistant species that the nursery recommended in place of the straight run WRC that we have been purchasing.

This is just a friendly reminder to sharpen your tree planting shovels and Hodads as planting season is only 6 months away.

Good Wood Celebration

Join the **Build Local Alliance** on Thursday, June 16th, 5:30-7:00 p.m. for an in-person **Good Wood Celebration** - stories of local wood, grown, crafted and placed.

Hear inspiring stories of Pacific Northwest "Good Wood" from people working across the local wood chain, from forest to finish. Storytellers will include a forest owner, a millwork manager, a wood reclaimer, a sustainable wood distributor, an architectural designbuilder, and a furniture maker.

The Celebration will also feature a story of natural building and ecological landscaping in urban Portland. Each has their own perspective to share on "What is Good Wood?"

Refreshments and pizza will be provided by the **Build** Local Alliance.

Registration (FREE) is required.

https://www.eventbrite.com/e/good-wood-celebration-2022-tickets

When: Thursday, June 16th, 5:30-7:00 p.m. **Where:** Sustainable Northwest Wood warehouse -2701 SE 14th Ave., Portland, OR



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ALTERNATIVES TO CLEARCUTTING

WCSWA Member Passing

Linda South: Linda and her husband Don South have been long-time WCSWA members. The South family was awarded Tree Farmers of the Year in 1985. They were founding members of the Oregon Woodland Cooperative and received 50-year certification with American Tree Farm System

Don and Linda were married in 1973 and moved to North Plains in 1978 where they built and operated South Tree Farm. Linda had a 50-year nursing career and was also a life member of the Oregon Wild Sheep Foundation.

A Memorial Service was held June 4. In lieu of flowers, donations can be made in Linda's name to the Oregon Wild Sheep Foundation.

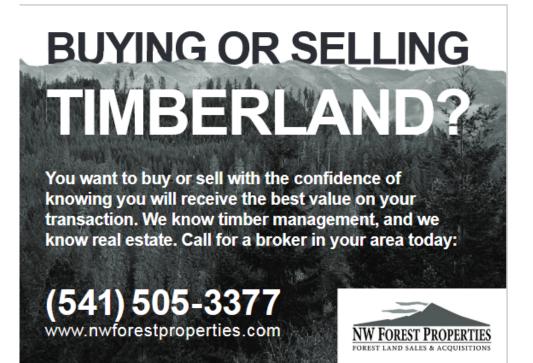




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Forests and wood: The path to a sustainable, negative-carbon world

From TREESOURCE, March 28, 2022 by David Atkins

Imagine stepping out of a **time machine** in June, 2050 — and finding yourself atop a 28-story, masstimber building perched amidst a forest of high-rises on Chicago's South Side. This year, finally, the world has recorded a decrease in atmospheric CO2. Such **c**elebrations are under way worldwide. Climate-saving projects that prudently invested in forests and their products made this happen:

- The rapid increase in the number of mass timber buildings, bridges and other structures, from sustainably grown forests.
- The global expansion of forested acreage, now pull CO2 out of the atmosphere— and provide a sustainable supply of wood
- The world's forest owners have received regular, reliable payments for carbon capture and storage.
- Many of these forests are also managed to restore biological diversity while providing more wood for human use.
- In addition, new biochar production has led directly to the storage of gigatons of carbon-dioxide

The imagined future of tree-filled urban areas and diverse uses for carbon-storing wood and cellulose is nearer than you might believe. (re-thinkingthefuture.com)

Okay, Time Traveler. Now take a deep breath, relax and let yourself snap back to 2022. The roster of wood-related achievements that you've just encountered was NOT fantasy. Certainly not! All the requisite technologies exist today, although many have not yet penetrated consumer markets. As Michael Goergen, vice president of the U.S. Endowment for Forests and Communities, observes: "To bring new products into the market requires work on ... perception, legal, regulatory, financial and other aspects. ... It needs to do more than just help reduce carbon. It has to save money and improve performance."

The rapid increase in mass-timber structures over the past seven years has required coordinated efforts — to change building codes, to provide testing that's capable of verifying the wood's strength, and to test its durability during fires, or replications of stress and movement during earthquakes. To achieve the successes that mass-timber buildings have experienced in such a short time, partnerships were needed among NGOs, universities, industry associations, investors and governments at all levels.

The results of more than a decade of research and development of cellulosic nanoparticles and near nano-sized particles could now be on the verge of growth comparable to that experienced by mass timber. Three product lines have the potential:

- No. 1: Nanocrystals as an additive to concrete. A small amount of these particles added to concrete can reduce its carbon emissions by 15 to 50 percent, depending upon a variety of factors. Purdue University researchers reported that they can make a stronger bridge by using concrete infused with microscopic nanocrystals from wood. The researchers work with cellulose nanocrystals, byproducts generated by the paper, bioenergy, agriculture and pulp industries. (Purdue University) Not only that, but the use of nanoparticles reduces the wear and tear on concrete equipment used in construction and it can be pumped further. Separate research has shown the addition of biochar to concrete can also reduce carbon emissions and strengthen the "end product." The potential synergy between these two additives has yet to be tested.
- No. 2: Wood nano-particles also could help reverse the bleaching of coral reefs. Chemicals used to create some sunscreens has been tied to the bleaching of coral, leading to bans on some (but not all) sun blockers. Researchers have discovered that nanocrystals can be formulated and used as a sunscreen or added to cosmetics to create a clear SPF 15 sunscreen without the deleterious effects on coral.
- No. 3 use of cellulosic nanocrystals in tire manufacturing. The use of renewable wood cellulose in place of petrochemical additives could drastically change the carbon footprint of tires. Researchers have learned the addition also reduces the rolling resistance and weight of tires, thereby increasing the vehicle's miles per gallon or per charge. Goergen expects the "wooden tires" will soon be used in high-performance markets like Formula One and Tour de France.

Biochar is one of many forest products being researched for environmental and commercial use. (USFS). Biochar can be used in a whole suite of products. Biochar can enhance agriculture and forest soil productivity by adding carbon to hold more moisture and nutrients in the soil. It can help reclaim mining sites, and can be used in water filtration systems and in the manufacture of bioplastics. Each process, in turn, creates renewable energy – called Biomass Energy Carbon Capture and Storage or BECCS.

Biochar is made from any type of biomass, whether wood residues from forest management or sawmilling to agricultural residues like rice and nut hulls or human or animal waste and more. It is converted to primarily carbon through pyrolysis, the heating of the biomass in the absence of oxygen or in a low-oxygen environment. The gases released are burned, ideally to produce energy and the carbon left behind is very resistant to decay. Therefore, the carbon is stored for many hundreds to 1,000-plus years.

Transparent Wood: One of the more recent research breakthroughs, West said, came out of the Forest Service's partnership with the universities of Maryland and Colorado: namely, the manufacture of transparent wood that could replace glass. Compared to glass, the transparent wood is lighter, stronger, and more insulative. Also, it requires less energy to produce.

Now, for a moment, back to the future: The futuristic image of 2050 South Chicago included a city filled with trees, shrubs and green roofs. The 2021 Infrastructure Bill provides for the planting of millions more urban trees. In 2050, real-life residents – not just time travelers – could see the benefits of adaptive forest management that uses ecological, disturbance-based knowledge: Forests that are more resistant and resilient when confronting wildfires, drought, storms, insects and diseases. The U.S. and

the rest of the world could be growing more wood, storing more carbon, and maintaining habitat and watersheds that could thereby help buffer the effects of increasingly severe rain and flood events.

Saving Butte Falls Town Creates Community Forest as Wildfire Buffer

By JAN JACKSON For the Capital Press. May 23, 2022

BUTTE FALLS, Ore. — Local members of the timber industry and fire crews worked around the clock to keep the Obenchain and Almeda fires from wiping out the town of Butte Falls, Oregon in September 2020. Now the 450 townspeople are working to prevent a repeat of those disastrous fires by creating a community forest as a buffer surrounding the town.

The 460-acre circle of timber around the town will be developed as a community forest. The plan is to manage the forest so its trees are spaced farther apart from one another with higher ladder fuels that can be "broadcast burned" without damaging the trees.

"The Oregon Department of Forestry has been incredible, we became an Oregon Solutions project, and (Gov. Kate Brown) came down and gave us her stamp of approval," Butte Falls Mayor Linda Spencer said. The town received a \$400,000 grant from the U.S. Forest Service for the community forest, a \$700,000 grant from the Oregon Legislature and more money from other places.

The first contract was awarded in May. It will probably take at least five years to get there, but they have started. Contracts for the work are now being issued to many of those who worked to save the town two years ago.



COUNTY CHAPTER OF THE OREGON SMALL WOODLANDS ASSOCIATION NONPROFIT ORG US POSTAGE PAID HILLSBORO, OR PERMIT NO. 54

Potpourri

New Members: Welcome to new member Mark Romreo of North Plains.

We are here to help members achieve their management goals. To get the most out of your membership, come to the meetings and tours that are scheduled throughout the year. You'll find many kindred envirtuations to learn and above together.