

Forest Forum

Washington County Small Woodlands Association

August, 2019

2019 Tree Farmer of the Year - Great Tour on a Perfect Day!

Ernie and Linda Rieben Share their 2018 Tree Farm of the Year with over 120 veteran and beginning woodland owners.

Jim James, Executive Director of the Oregon Small Woodland Association, and the Riebens, along with a lot of help from members of Washington County Small Woodlands Association and other partners such as Oregon Forest Resource Institute, Tualatin Soil and Water Conservation District, hosted the event.

The Rieben Tree Farm on Cedar Canyon Road has been in their family since 1926 when Linda's grandparents bought it. Over the years it has transitioned from primarily agriculture use, to primarily forest (90%). Linda and Ernie acquired it from her parents' estate in 2013.



"Walk" though the presentations from the Tour, in photos and narration, on pages 10 and 11.

Mill tour of Pacific Fibre, North Plains Aug. 23rd, 2019

Have you ever wondered what happens at the chip mill in North Plains? Perhaps some of your harvested trees have been sold there, or you've heard about it and wanted to know what is produced there and where it ends up. If you have ever pondered those questions this is the tour for you. Plan to meet up at the Pacific Fibre plant in North Plains (south side of Hwy 26) at 9:00 am on August 23rd.
Address: [34380 NW Vadis Rd, Cornelius, OR 97113](http://34380%20NW%20Vadis%20Rd,%20Cornelius,%20OR%2097113)

Paul Hadaller will be leading the tour. Paul has worked for PFP for 24 + years in various capacities. He is currently Log/Procurement manager.

Pacific Fibre Products has three whole log chipping facilities, located in Longview, WA., Molalla, OR and North Plains, OR. They supply wood chips to Nippon Paper and West Rock Paper, both in Longview, WA, and Georgia Pacific Paper in Wauna, OR.

They also process wood waste/bark and log yard debris into ground covers and soil mixes.

PFP's motto is: "Nothing Beats Reliability in Products or People!"

WCSWA Leadership

President – Vic Herinckx, 503-645-9434
Vice-President – vacant
Secretary-Treasurer – Bob Shumaker; 503-324-7825

Board of Directors:

- Pos. #1: Norbert LePage, 503-985-0149
- 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, Mike Messier, 503-233-2131, Bill Triest – 503-705-5833

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

WCSWA Website

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

Forest Forum Newsletter

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

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. Got a tool or piece of equipment you don't need any more? Or maybe you are looking for tools, equipment, property, or materials? You can place a free advertisement in Forest Forum. (3 month limit)

For Sale: No New Items to List

Wanted:

* **4x4 truck.** Not too concerned about cosmetic appearance, transmission style (auto/manual), or interior features. Just must be 3/4 or 1 ton rated, 4x4, tow hitch and no major mechanical problems. Marc Ahrendt (503-928-2083)

Event Calendar

August	23	Mill tour, Pacific Fibre Products, North Plains	9:00 a.m. at the mill. See article page 5. See article on page 8
	24	Farming Carbon in the Forest	
September		No meeting or tour in Sept.	
October	22	North Plains Fire Station, 7:00pm	Wildlife in the forest - Critters in the Forest – Peter Hayes
November	23	Annual WCSWA Dinner Meeting	
December		WCSWA – No Meeting this month	

Leadership Notes

What a privilege and challenge for me to step in as president to an organization that has been served so well by Bonnie Shumaker's leadership since January 2017. Bonnie's engagement, focus and guiding hand is seen throughout WCSWA including board meetings, program activities, government legislation, OSWA, plant and seedling sales. Thank you Bonnie!

On July 20 we had a very successful neighbor to neighbor and Outstanding Tree Farmers of the Year tour at Ernie and Linda Riebens' tree farm. This was a great opportunity to see friends, meet new people, enjoy the beautiful setting and learn a few things. Many thanks to all the volunteers that made the day successful.

Speaking of volunteers, Mel Adams and Miles Merwin have initiated conversations with our newest members so we can get to know them. Look for the New Member Spotlight to appear regularly on this page, starting with the Ludemans this month.

The WCSWA board held its quarterly meeting on July 16. One board decision was to increase the cost of "admission" to the annual banquet to \$30 per person for the first 2 and \$20 for each additional guest. This change makes the admission cost much closer to the actual food and beverage cost and reduces WCSWA's contribution to our \$2,000 budgeted subsidy. Elections will be held during the annual banquet in November for President, VP, Treasurer and Board positions #3 and #4. Current board members Susan Schmidlin and Tony Spiering both agreed to run again for those board positions. Bob Shumaker plans to continue as Treasurer. Candidates were discussed for the currently vacant Vice-President position.

Vic Herinckx

New Member Spotlight

by Mel Adams

Driving into the 40 acres that **Mark and Jennifer Ludeman** own and manage is a drive into lush green, mixed with 5 ponds and a wondrous assortment of chickens, ducks, geese, turkeys, pigs and 2 cows. A new addition will be a mini Oreo cow (also known as a Belted Galloway) soon to arrive. They have about 20 acres in trees and 20 in pastures. Some of their pastures are being transitioned to trees this coming spring with fir, cedar and alder. They live on the property in a charming home with a view above Buxton. Mark is a 3rd generation Oregonian. Jennifer and Mark have been married 46 years. Their 4 children are grown (4th generation) and there is one granddaughter (5th generation) that has become a prime focus of Jennifer. The couple has traveled extensively, having visited over 41 countries.

Many of you may know the Ludemans from another context. They owned Ludemans Fireplace and Patio in Beaverton for 30 years. This was on the two-block long Beaverdam Road parallel to SW Canyon. Over the years, the Ludemans used buildings all along that road for additional businesses. You may have also met them at their bar stool store, Christmas store, Farm and Garden location, toy store or raw dairy. All within a few feet of their main store.

Mark and Jennifer closed the fireplace/patio store a couple years ago. They now focus their considerable skills to improve people's lives using two organizations they operate at their location. Healing Your Heart With Love (www.healingyourheartwithlove.com) and An Oasis In Nature Retreat Center. (find that on www.houfy.com)

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:
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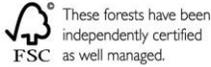
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***When we plant trees, we
plant the seeds of peace and
seeds of hope.***

Wangari Maathai,
Nobel Peace Prize laureate,

REITS and TIMOS

The world of privately owned industrial forestland has been turned topsy-turvy in the past 20-30 years. The era of a company owning its' own timberland to supply its' mills is long gone. Now, the majority of industrial timberland is either managed as a real estate investment (REIT), or is managed as a timberland to produce timber for the market (TIMO).

So who are the **top REITS in the U.S.** and how much do they own? Make your guess below; *find out the answer on page 7.*

- | | |
|-------------------|---------------------------|
| a. Sierra Pacific | b. Green Diamond |
| c. JD Irving | d. Rayonier |
| e. Weyerhaeuser | f. Potlatch |
| g. Acadian Timber | h. Catchmark Timber Trust |

Who are the **top TIMOs** in the U.S.? Make your guess below; *find out the answer on page 7.*

- | | |
|--------------------------------|---------------------------|
| a. Landvest Timberland | b. The Forestland Group |
| c. Forest Resource Consultants | d. Hancock |
| e. Wagner Forest Management | f. Resource Mgmt. Service |
| g. American Forest Management | h. Forest Invest. Assocs. |

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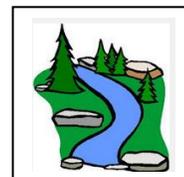
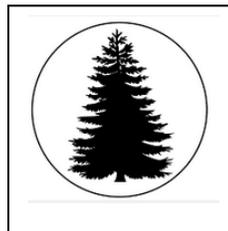
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REITS and TIMOS

(Answers to Quiz, page 5)

REITS

- | | |
|---------------------------------------|--|
| a. Sierra Pacific
1.94 M acres (4) | b. Green Diamond
1.7 M acres (6) |
| c. JD Irving
3.1 M acres (2) | d. Rayonier
2.1 M acres (3) |
| e. Weyerhaeuser
12.3 M acres (1) | f. Potlatch
1.89 M acres (5) |
| g. Acadian Timber
1.1 M acres (8) | h. Catchmark Timber
Trust – 1.6 M acres (7) |

Data from Q2 2019 Forisk Research Qtrly and The North American Timberland Owner and Manager List

TIMOS

- | | | | |
|--------------------------------|-----------------|---------------------------|-----------------|
| a. Landvest Timberland | 2.0 M acres (8) | | |
| b. The Forestland Group | 2.5 M acres (4) | | |
| c. Forest Resource Consultants | 2.1 M acres (7) | d. Hancock | 3.9 M acres (2) |
| e. Wagner Forest Management | 2.7 acres (3) | f. Resource Mgmt. Service | 2.3 M acres (5) |
| g. American Forest Management | 5.5 M acres (1) | h. Forest Invest. Assocs. | 2.2 M acres (6) |



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The Build Local Alliance invites you for a Walk in the Woods

Farming Carbon in the Forest

**Saturday - August 24, 2019, 10:00am-2:00pm
Raincloud Tree Farm Corbett, OR**



Register:

<https://www.eventbrite.com/e/a-walk-in-the-woods-farming-carbon-in-the-forest-registration-65117765991>

Join local forest steward, Jon Stewart, on a walking exploration of his family's Raincloud Forest and see the steps they and their partners are taking to understand and demonstrate climate-smart forestry.

With rising concerns about changing climate, this is an opportunity to learn about ways that local forests can contribute to reducing CO2 levels while also being healthy, productive forests. Participants will learn about and discuss the forest and carbon management strategies at Raincloud forest, including challenges of carbon accounting and marketing. Discussion will cover possible wood product pathways to provide an optimal carbon outcome.

How can such forest-to-product pathways be supported by foresters, manufacturers, architects, builders, and customers?

What's needed for landowner assistance, wood procurement, and public policy to support an optimal forest carbon outcome?

The address and directions to the forest will be sent to registered participants the week before the hike.

What to bring: Dress for the weather and be prepared for hiking about 1.5 miles on forest roads and trails. Please bring your own lunch. Refreshments will be provided.

There is limited parking on site. If possible, please try to call.

Contact glenn.ahrens@oregonstate.edu or 503-655-8631 for more information.

Thanks to our partners! Pinchot Institute, Ecotrust, and the Stewart Family of Raincloud Tree Farm.

Wood Resources International LLC:

China's imports of US forest products fell by 430 million dollars in the first four months of 2019. The US market share fell, while Canadian and Russian exporters have increased their shares. The flow of lumber, logs and pulp from the US to China has fallen sharply since the US government initiated tariffs on Chinese imports to the US in May of 2018. In the first four months of 2019, China's imports of US forest products were down 43% from the same period in 2018.

Stop Building a Spaceship to Mars and Just Plant Some Damn Trees

Researchers found that there's room for an extra 900 million hectares of canopy cover.

When it comes to climate change research, most studies bear bad news regarding the looming, very real threat of a warming planet and the resulting devastation that it will bring upon the Earth. But a new study, out Thursday in the journal *Science*, offers a sliver of hope for the world: A group of researchers based in Switzerland, Italy, and France found that expanding forests, which sequester carbon dioxide from the atmosphere, could seriously make up for humans' toxic carbon emissions. In 2018, the United Nations' Intergovernmental Panel on Climate Change, the world's foremost authority on climate, estimated that we'd need to plant 1 billion hectares of forest by 2050 to keep the globe from warming a full 1.5 degrees Celsius over pre-industrial levels. (One hectare is about twice the size of a football field.) Not only is that "undoubtedly achievable," according to the study's authors, but global tree restoration is "our most effective climate change solution to date."

In fact, there's space on the planet for an extra 900 million hectares of canopy cover, the researchers found, which translates to storage for a whopping 205 gigatonnes of carbon. To put that in perspective, humans emit about 10 gigatonnes of carbon from burning fossil fuels every year, according to Richard Houghton, a senior scientist at the Woods Hole Research Center, who was not involved with the study. And overall, there are now about 850 gigatonnes of carbon in the atmosphere; a tree-planting effort on that scale could, in theory, cut carbon by about 25 percent, according to the authors. In addition to that, Houghton says, trees are relatively cheap carbon consumers. As he put it, "There are technologies people are working on to take carbon dioxide out of the air. And trees do it—for nothing."

To make this bold prediction, the researchers identified what tree cover looks like in nearly 80,000 half-hectare plots in existing forests. They then used that data to map how much canopy cover would be possible in other regions—excluding urban or agricultural land—depending on the area's topography, climate, precipitation levels, and other environmental variables. The result revealed where trees might grow outside of existing forests. They found that all that tree-planting potential isn't spaced evenly across the globe. Six countries, in fact, hold more than half of the world's area for potential tree restoration (in this order): Russia, the United States, Canada, Australia, Brazil, and China. The United States alone has room for more than 100 million hectares of additional tree cover—greater than the size of Texas.

The study, however, has its limitations. For one, a global tree-planting effort is somewhat impractical. As the authors write, "it remains unclear what proportion of this land is public or privately owned, and so we cannot identify how much land is truly available for restoration." Rob Jackson, who chairs the Earth System Science Department and Global Carbon Project at Stanford University and was not involved with the study, agrees that forest management plays an important role in the fight against climate change, but says the paper's finding that humans could reduce atmospheric carbon by 25 percent by planting trees seemed "unrealistic," and wondered what kinds of trees would be most effective or how forest restoration may disrupt agriculture.

"Forests and soils are the cheapest and fastest way to remove carbon from the atmosphere—lots of really good opportunities there," he said. "I get uneasy when we start talking about managing *billions* of extra acres of land, with one goal in mind: to store carbon." One of the studies' authors, Bastin, though, says the study is "about respecting the natural ecosystem," and not simply planting "100 percent tree cover." He also clarified that planting trees alone cannot fix climate change. The problem is "related to the way we are living on the planet," he says. Caveats aside, Another of the studies' authors, Houghton, sees the study as a useful exercise in what's possible. "[The study] is setting the limits," says Houghton. "It's not telling us at all how to implement it. That's what our leaders have to think about."

Jackie Flynn Mogenson, Asst. Editor, Bio

Editor's Note: This recent article has generated some thoughtful comments on the internet:

- Is this a Model too Far? *I don't know how anyone could model "forest loss due to climate change" since we don't know how the climate will change, nor how trees will respond.*
- Some concerns on methods: *only 10-13 factors determine tree cover potential globally - major local and regional-scale constraints missing, e.g. permafrost, subsoil constraints (ex. depth to bedrock), nutrient limitations, var. forms of soil degradation, seasonal inundation.*
- Very relevant in high-potential areas! *They also assume grazing areas and production forests can reach same tree cover as protected areas. In my view, a gross overestimate of actual potential! And a lesson on how machine-learning algorithms still need a reality check.*

Rieben Tree Farm Tour – in Words and Pictures

The Rieben Family: (right to left – Ernie, Linda, daughter-in-law Cynthia, granddaughters Courtney and Ashley, son Greg, and daughter Laura.



Tour Stop #1 History of Logging

Sam Sattler presents information about the history of logging, with a backdrop of the logging history in the Moehnke family captured in a movie and many historical photos of logging by Linda's father, Dorman Moehnke, and uncles and cousins. The Moehnke family logged in the Jewell, Alsea, and Mt. Hood areas. Linda's uncle David operated the 3M Logging Company with the help of family members. The photos of logging were primarily from the 1930's and 1940's. **Laura Rieben** did a lot of work in putting the exhibit together

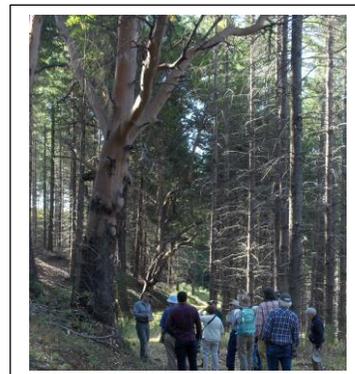


Tour Stop #2 Thinning



Ken Nygren gave the background and results of a 2017 thinning of about 18 acres of planted Douglas-fir. The aim of the thinning was twofold: to maintain the health and growth of the fir, and to release the existing large pacific madrone and Oregon white oak that were embedded in the Douglas-fir.

The Riebens are also interested in wildlife, and the thinning will also improve the habitat for a variety of bird and animal species. Ken pointed out that "wildlife happens" – any vegetative action results in changes in wildlife species and occurrence.



Some facts about the thinning: Amount harvested - 111.16 MBF (thousand board feet) went to Boise Cascade (PEELERS); 645.09 Tons (approximately 75 MBF) went to Interfor Molalla (SAW LOGS), 135.44 tons went to Pac Fibre North Plains (PULP). Total NET Revenue (stumpage value) = \$70,601.68. The harvest occurred September – 25 October 2017. The original density of trees was 250-300 trees per Acre (variable), and target density was 150-170 trees per Acre (variable) – for an average spacing of 17x17 foot average spacing.

Tour Stop #3 Invasive Species

Tyler Pedersen, Invasive Species Program Coordinator, and **Olivia Hurd**, Invasive Species Technician, both with The Tualatin Soil and Watershed Conservation District, gave the low-down on the nasty and unwanted weed species in our fields and forests. Some of the primary species of concern are tansy ragwort, scotch broom, St Johns wort, oxeye daisy, holly, yellow archangel, and Canada thistle.

There are biological controls for some species, notably tansy, but chemical treatment is the most common and effective way to deal with these pests. Tyler and Olivia stressed that you should consult an expert and/or use the Pacific Weed Management Handbook and chemical labels to determine how, when, and how much chemical to apply.

Tyler and Olivia are demonstrating the “Extrigator) and “Uprooter” tools to use in hand treatment of some weed and shrub pests. Contact TSWCD if you want to borrow one of these tools.



Tour Stop #4 Birds in the Forest

Brandy Saffell, forest conservationist with Tualatin Soil and Water Conservation District, and **Gregor Yanega** of Forests for the Birds discussed the wide variety of animals and birds that inhabit our forests, and what their habitat needs are. Gregor amazed everyone by his ability to identify the bird life that could be heard but not seen on a short walk in the forest.



Brandy referred to publications by the Oregon Department of Fish and Wildlife that are very useful. They are part of the “Woodland Fish and Wildlife” series, and may be found on the OFRI website, <https://knowyourforest.org/learning-library/creating-a-home-for-wild-animals>. She asked the groups what kinds of habitat they might have created or improved, and got a variety of responses ranging from nest boxes to an elaborate cascara-choke cherry feeding area for band-tailed pigeons.

Brandy also pointed out that the priority one action to take in providing forest bird habitat is to keep the land in forest!

Conversion of forest land to other uses, or breaking it up – fragmenting it – will make it uninhabitable for

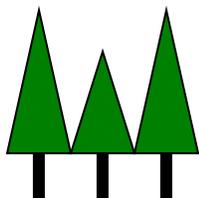
forest birds. In second place is to have a strategy for the whole property, not just one piece of it. That strategy might include a focus on a portion of the property, but consideration must include the whole property – birds fly and cover a lot of ground!

Other considerations include structural diversity of the vegetation, such as size of trees and shrubs, density of the canopy, species of vegetation, availability of nesting sites (such as cavities in trees, ground cover), forage sites (large bark crevices for insects), etc.

Seasonal diversity of the vegetation is also important – when does it flower and produce fruits and how does that fit in with migration patterns for some species that spend only a part of the year in your forest?



Forest Forum



COUNTY CHAPTER OF THE
OREGON SMALL WOODLANDS
ASSOCIATION

Potpourri

New Member: Welcome to **John Urstad of Corvallis**. 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're always invited to the WCSWA meetings!). You'll find many kindred spirits among our diverse membership – and many opportunities to learn and share together! If you have any questions or need help, contact any of the Directors, Officers, or Newsletter Editors listed on page 2 of this newsletter.

OSU Extension has published 3 pamphlets to help family forest owners find or hire professionals including:

- Finding the right accountant/preparer <https://catalog.extension.oregonstate.edu/em9169>
- Choosing the right logging contractor <https://catalog.extension.oregonstate.edu/em9170>
- Choosing the right chemical applicator <https://catalog.extension.oregonstate.edu/em9171>

Helpful Links:

- <http://blogs.oregonstate.edu/treetopics> to read Amy Grotta's "Tree Topics" blog
- www.oregonwoodlandcooperative.com to learn about the Oregon Woodland Cooperative
- <https://www.facebook.com/WashingtonCountySmallWoodlandsAssociation>
- For E-Notification: : <https://ferns.odf.state.or.us/E-Notification> or visit ODF Office