The OSU Extension Service just wrapped up its centennial year, and in commemoration the OSU Libraries recently made available, in digital format, 100 years’ worth of archived Extension publications, brochures, and technical bulletins. I spent an interesting hour browsing through the collection for some Extension Forestry history. There are some amusing titles, such as “The Forest and the Florist” (1961), some recurring themes (finances and marketing timber - dozens of publications), and some glaring reminders about how times have changed in the past century (see “Men Who Grow Trees”, cover pictured at right).

Interestingly I also found a 1957 brochure describing a 10-acre demonstration forest site in Columbia County. From some of my colleagues who have been around a lot longer than me, I learned that this demonstration forest was located at the old fairgrounds north of St. Helens off Highway 30. The intention of the site was to demonstrate how repeated, low-intensity thinning served to improve the forest and generate sustained income. (“Trees should be treated like milk cows. The healthier, higher producing ones should be kept for the longer period of time,” the bulletin preached!) The analogies we use in forestry may have changed over time, but the concepts still hold.

If you want to check out the archived publications collection for yourself, you can find it at: http://ir.library.oregonstate.edu/xmlui/handle/1957/3904. Just an important caveat: many of the publications are obsolete and simply reflect the best knowledge of their times. I found references to now-banned herbicides, management practices we no longer recommend, and of course out-of-date economic figures (Douglas-fir going for $50/MBF in 1953!). Still, a good history lesson.

See inside for some upcoming learning opportunities. Happy 2012!

Amy Grotta
OSU Extension Forestry & Natural Resources Faculty

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<tr>
<th>Columbia County</th>
<th>Washington County</th>
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<tbody>
<tr>
<td>505 N. Columbia River Hwy</td>
<td>155 N. First Ave. Suite 200</td>
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<tr>
<td>St. Helens, OR 97051</td>
<td>Hillsboro, OR 97124</td>
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<tr>
<td>Phone: 503-397-3462</td>
<td>Phone: 503-821-1124</td>
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<td>Fax: 503-397-3467</td>
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E-mail: amy.grotta@oregonstate.edu
Web: http://extension.oregonstate.edu/columbia/forestry
Blog: http://blogs.oregonstate.edu/treetopics

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Board of Forestry Tours Washington County

Note: The Oregon Board of Forestry spent a day in November touring Washington County and discussing issues surrounding small woodlands management. Following are State Forester Doug Decker’s remarks about the day.

During its November tour of family forests in Washington County, the Oregon Board of Forestry and Department of Forestry staff had an opportunity to see first-hand the degree of dedication Oregon’s family forest landowners are investing in their lands and in their future. It was a memorable day, featuring an in-depth look at the challenges and opportunities associated with this class of forestlands.

One of the more interesting discussions for me focused on the challenge of passing lands and a management ethic from one generation to the next. A panel of next-generation forest owners, who are in the process of taking over the lands from their elders, pointed out how these challenges ranged from tax and financial implications, to family decision-making models.

Some told of how a parent’s sacrifices back then are paying a range of social, economic and environmental dividends today. Others wondered aloud what Old Dad was thinking about when he acquired a certain parcel, or why he made the choices he did about species planted, thinning done or not done, roads laid out in certain ways. For these younger voices, their inherited forest was a back-drop for their own growing up, with family roots planted deep in a particular place. That personal stake in the game motivates this next generation to learn more, to do more, and to want the best for their forestland.

I was struck by the way in which family stories and memories are indeed so closely linked with the land, and that in some cases the management objectives today stem directly from the character and the vision of those now gone, or no longer able to engage with the management activities themselves. There was a clear understanding that the choices made by earlier generations have made the best opportunities—and some challenges—what they are today, and that the next generation of managers owes a debt of gratitude to the past.

That’s what a legacy is all about.

Which got me to thinking about the legacy we’re leaving today for the next generation. And how to motivate other landowners in the new generation to recognize their stake in the game.

Our day together in Washington County—and my recent travels and conversations with family forest landowners from across Oregon—has made to me the level of thought, planning and real care many of these owners are investing in their lands. I have been encouraged to witness this, and try to share this observation with others whenever I can, and to recognize the good work being done.

But much remains to be done. We need to encourage others who might be wondering about the history and the future of their own small woodlands—many of whom are new to the lands—to utilize the tools and know-how available from ODF’s Stewardship Foresters, from OSU Extension Foresters, from the Oregon Small Woodlands Association, and from the Master Woodlands Manager program. These are sources of education, on-the-ground advice, and connection with other family forest landowners. They provide vital services to families working through the complexities of forest ownership and transition.

At the close of our conversation on that cold day in November, one of our Board members put it very nicely: in some ways, stewardship is all about a willingness to live with the choices and consequences of our actions. Family forest landowners have invested themselves and their families in these lands for multiple generations—and are taking steps to make sure the legacy of their lands lives on into the future. It’s an important Oregon tradition worth continuing, and there are committed experts out there willing to help.

by Doug Decker
Oregon State Forester, Salem
Upcoming Events

Interpreting Your Timber Cruise
Saturday, January 21st, 9:00 am - noon; Timber
Sponsored by the Women Owning Woodlands Network. Learn what a cruise report tells you about your timber, and how to interpret the various numbers and abbreviations on a cruise report. Bring your own cruise report if you have one. For more information: http://womenowningwoodlands.blogspot.com or flyer on page 8.

Thinning: Theory and Practice
Tuesday, January 24th, 7:00 pm
Washington County Fire District #2 Station, 31370 NW Commercial, North Plains
Sponsored by Washington County Small Woodlands Association. OSU Extension Silviculture specialist Stephen Fitzgerald will present density management theory, followed by a panel of local woodland owners discussing their experiences with thinning.

Woodland Management 101
Wednesdays, Feb. 1, 8, 15, 22, 29 (6:30 - 8:30 pm); Saturday Feb. 25 field session
Columbia County Extension Service classroom; St. Helens
If you are new to owning or managing forestland, this is a great place to start learning about caring for your property. Course fee: $40/$20 each additional family member. For more details see page 9.

Tax Considerations for Small Woodland Owners
Saturday, February 25th, 5:30 pm; Beaver Homes Grange, Rainier

Oregon Forests and Water Symposium
Tuesday, February 28th, 8 am - 5 pm; OSU Alumni Center, Corvallis
Join the Oregon Forest Resources Institute for the latest on current issues surrounding forestry and water. Topics will include state and federal policy updates, watershed and forest road studies, silviculture, pollution, herbicides, runoff and more. Details at http://oregonforestsandwater.eventbrite.com/.

Columbia County Small Woodlands Association Seedling Sale
Saturday, March 10th, 9:00 am; St. Helens
For more information about seedling availability, contact Paul Nys (503) 556-8800.

Washington County Small Woodlands Association Native Plant Sale
Saturday, March 10th; Bales Thriftway - Farmington
For more information, check www.wcswa.org or contact Bonnie Shumaker (503) 324-7825.

Tree School - Clackamas
Saturday, March 24th, 2012; Oregon City
There’s something for everyone at this annual event. Sign up early to get into the classes you want! Catalogs are printed in mid-January. Stop by the Extension office for a copy, or request one to be mailed to you by calling (503) 655-8631.
Master Woodland Managers - a great resource

Master Woodland Managers are an integral part of our Extension program and we are fortunate to have an outstanding cadre of MWM volunteers in our area. As the year draws to a close I’d like to recognize some of our local MWMs for all of their efforts to promote good stewardship of family owned forests. These are just a small fraction of their activities - a complete list would be too long to print!

Dallas and Sharon Boge of Gales Creek hosted my Woodland Management 101 class at their tree farm in February.

Vince Cooney of St. Helens hosted a Thinning workshop at his tree farm in October.

Paul Nys and Dan Kloppman of Rainier and Jim Brown of Portland each mentored other landowners through the process of putting together a management plan.

Lyal Purinton of Buxton provided a demo of his firewood bundling operation to OSU Extension Foresters in September.

Bob and Bonnie Shumaker, Anne and Richard Hanschu, and Cary Renzema all of the Banks area hosted the Oregon Board of Forestry tour of family forestlands in Washington County in November (see recap on page 2).

Dennis Nelson and Ralph Keasey of Vernonia hosted the Columbia County Summer Woodland Tour in July.

Neil Schroeder of Beaverton visited several woodland owners and provided them with useful guidance on taking care of their land.

Tom Nygren of Hillsboro helped to coordinate the Tree Farm program, among many other things!

Bill Triest of Beaverton helped coordinate evening programs for the Washington County Small Woodlands Association.

Thank you to all who have contributed your time and knowledge to our community!

Conservation Stewardship Program (CSP) signup period open

The Natural Resources Conservation Service is taking applications for the CSP through January 13th. This program provides a per-acre payment to small forestland owners and farmers that can demonstrate that they are implementing conservation practices such as wildlife habitat enhancement, stream improvement, or other measures. For details and to see whether this program would be a good match for you go to the NRCS website, www.or.nrcs.usda.gov, or contact your local NRCS office. In Columbia County, the number is (503) 397-4555. In Washington County, the number is (503) 648-3174.
New Publications and Resources

**EM 9040, A guide to riparian tree and shrub planting in the Willamette Valley: steps to success**
By Brad Withrow-Robinson, Max Bennett and Glenn Ahrens
How to plan your project, select and obtain plant materials, prepare the site, plant your trees right, take care of the planting, and monitor and learn from results.
28 pages, available online only (no charge): [http://hdl.handle.net/1957/24003](http://hdl.handle.net/1957/24003)

**PNW 496, Propagation of Plants by Grafting and Budding**
By G.N.M. Kumar
Of interest to avid gardeners, home orchardists, and experimenters...
Revised September 2011, 18 pages, no charge. Available online only at: [http://cru.cahe.wsu.edu/CEPublications/PNW496/PNW496.pdf](http://cru.cahe.wsu.edu/CEPublications/PNW496/PNW496.pdf)

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**Reading this newsletter on paper?**
This newsletter is also available online. By subscribing to the electronic version, all of the online resources that are mentioned in this newsletter are just a mouse click away. To subscribe by email:

2. Click “Subscribe via email” on the right side of the page and submit your address.
3. Watch for a confirmation email with a link that you will need to click to activate your subscription.

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Congratulations to Dallas and Sharon Boge from Gales Creek! They grew this year’s State Tree, which was on display in the Capitol Rotunda in Salem during the holiday season.  
*Photos by Sue Curtis*
Scary? No, but Oregon’s bats are in trouble

While black bats wing their way to center stage on Halloween decorations and greeting cards, Oregon’s real bats aren’t doing so well: disease and habitat loss are threatening their survival. In fact, eight of Oregon’s 15 bats species are identified in the Oregon Conservation Strategy as in need of help.

Oregon Department of Fish and Wildlife biologists say that there are a number of things people can do to help the state’s only winged mammal—from building bat houses to watching bats to learning about them to protecting their habitats to keeping them safe in winter.

“The most important thing people can do at this time of year is to avoid disturbing bats. They are especially vulnerable in the winter when they are hibernating,” said ODFW’s Andrea Hanson.

Oregon’s bats hibernate in caves, mines, buildings or hollow trees. If disturbed, they are forced to burn calories, reducing their chase of survival. Another significant threat to wintering bats is white-nose syndrome, a deadly disease caused by a fungus that thrives in the same cold temperature range as hibernating bats. Once infected, bats get a white fuzzy growth on their noses. The direct cause of death is still unclear, although it is believed the fungus interrupts sleep patterns and causes the hibernating bats to awaken, depleting their fat reserves and causing starvation.

“We don’t think white-nose syndrome has arrived in Oregon, but it is a real threat—it has killed more than a million bats in the northeast and is moving across the country,” said Hanson.

To help stop white-nose syndrome from spreading, biologists and land managers are asking Oregonians, especially those who work in or explore caves and mines, to avoid disturbing bats and to decontaminate clothing and gear before and after entering a cave.

Learning about bats

One way to learn about Oregon’s bats is to download a copy of *Batty for Bats: Facts for Kids* from the Living with Wildlife section of ODFW’s website, [http://www.dfw.state.or.us](http://www.dfw.state.or.us). The fact sheet provides a description and photograph of each of Oregon’s 15 bat species and some ideas of how to help.

Facts about Oregon’s Bats

- Oregon’s bats eat only insects. An adult bat eats about 1,000 insects every hour!
- Bats hang upside down because it gives them an ideal position for take-off.
- Bats can fly 20 to 30 miles an hour and travel more than 100 miles a night.
- Bats are the only flying mammal.
- Bats will use bat houses: build one or buy one.
- Look for bats in spring and summer at dusk and early evening over water and around street lights as they hunt insects.
- If you see multiple dead bats, call ODFW’s Wildlife Health Hotline (866) 968-2600. Don’t pick the bats up, just report where and when you saw them.

Conservation of Oregon’s bats

Eight of Oregon’s 15 bats are identified in the Oregon Conservation Strategy as species in need of help. To find more information about distribution, habitat and conservation actions that will help bats, see the Summaries of Strategy Species section of the Oregon Conservation Strategy on ODFW’s website, [http://www.dfw.state.or.us /conservationstrategy/read_the_strategy.asp](http://www.dfw.state.or.us/conservationstrategy/read_the_strategy.asp)

*Source: ODFW*
Beaver news

Statewide Beaver Relocation Guidelines Now Available

Many land managers and conservationists are interested in putting beavers to work restoring riparian areas and creating fish and wildlife habitat, but moving beavers between locations can be challenging. To help clarify the process, Oregon Department of Fish and Wildlife has issued a set of guidelines, which detail the standards for moving beavers on the landscape.

Beaver relocation requires approval and a permit from ODFW and a commitment by the permit-holder to site selection and monitoring.

Tim Hiller, ODFW Carnivore-Furbearer coordinator, is interested in talking to people who want beaver on their property and those who have beaver they would like moved.

“We would like to know what kind of interest there is,” said Hiller. “Eventually I’d like to construct a database to be able to match beaver donors with receivers if the interest is there.”

The ODFW Guidelines for Relocation of Beaver in Oregon and associated forms are available on the ODFW website in the Living with Wildlife section. The Beaver Work Group includes ODFW staff and partners from governmental agencies, private timber industry and other groups.

Research Study Focuses on Beavers and Landowners

Drs. Mark Needham and Anita Morzillo of the Department of Forest Ecosystems and Society at Oregon State University recently completed a survey designed to quantify landowner attitudes toward beavers and about allowing them on their property. This statewide survey drew responses from more than 1,500 people.

“Seventy-five percent of respondents know that beaver dams create important habitat for fish, 97 percent think beavers create wetlands that are good for the environment and 62 percent know that beavers don’t eat fish,” said Needham.

Although people are knowledgeable about beavers, the research also indicates public interest in getting more information about how to coexist with the species—especially those animals whose building activities result in impacts such as flooded fields and downed trees.

On private land, beavers are considered predatory animals and can be lethally removed at any time they are causing damage. On public land, they are protected furbearers.

Needham and Morzillo said the survey results show that the majority of respondents are willing to consider options such as wrapping trees, receiving compensation or having experts provide information about coexisting with beavers instead of removing them.

The final report, Landowner Incentives and Tolerances for Managing Beaver Impacts in Oregon, is available in the Living with Wildlife section of ODFW’s website, http://www.dfw.state.or.us.

Source: Oregon Department of Fish & Wildlife
Interpreting your Timber Cruise
Hyla Woods, Timber, OR
January 21, 9 am - 12 pm

DETAILS
30151 NW Timber Rd, Timber, OR
Hyla Woods – owned by Pam and Peter Hayes
Directions: Hwy 26 to Timber Junction; turn South on Timber Rd. Go approx. 1.7 miles and turn into driveway on right (just past cedar fence).

RSVP:
(541) 766-6750 or chrissy.lucas@oregonstate.edu
Info: womenowningwoodlands.blogspot.com

AGENDA
We will gather in the cabin at Hyla Woods to learn how to understand what a cruise report tells you about your timber. We will go through what the various units, numbers and abbreviations on a timber cruise mean. If you have a cruise report from your own property, bring it with you to work with. We will also talk about when is the right time to have a timber cruise done, and options for updating an old one. Time and weather permitting, we will tour Hyla Woods and see some of the interesting projects that the Hayes family & friends have underway! If you have time, bring a lunch and we will continue the conversation after noon.

Consider Carpooling! Send an email to the WOWnet listserv or post on the WOWnet Facebook page and see who can join you!

http://www.facebook.com/orwownet
wownet@lists.oregonstate.edu

Women Owning Woodlands Network was formed by Oregon State University Extension Service and women woodland owners who wanted to:

- Recognize the growing number of women taking a wide array of active woodland management roles.
- Support and increase women’s access to forestry-related information and encouraging communication through state and local networks.
- Raise basic forestry and decision-making skills through hands-on activities.
Woodland Management 101

Wednesdays, February 1st – 29th, 2012

If you have a parcel of forestland, or are intending to buy one someday, then this course is for you.

Developed by OSU Extension’s Forestry team, this six-session course covers what you need to know, and who you might want to contact to begin taking care of your forest. Sessions will be held at the Columbia County Extension Office, 505 N. Columbia River Hwy in St. Helens, except for the Saturday field trip, which will be on a local forest property.

**Course Schedule**

**Wed. Feb. 1st, 6:30 - 8:30 pm:** Introduction; How Your Forest Ecosystem Works; Understanding Forest Soils; Tree and Shrub Identification

**Wed. Feb. 8th, 6:30 - 8:30 pm:** Management Plans; Successful Reforestation; Sustaining Your Forest - Protection from Insects, Disease and Fire

**Wed. Feb. 15th, 6:30 - 8:30 pm:** The Science and Art of Silviculture - Thinning, Pruning, and Other Activities; Basic Forest Measurements

**Wed. Feb. 22nd, 6:30 - 8:30 pm:** Fish and Wildlife Habitat; Forest Certification; Invasive Weeds

**Sat. Feb. 25th:** Field session - Forest Measurements; Silviculture; Road Maintenance; Fish and Wildlife Habitat; Other Topics

**Wed. Feb. 29th, 6:30 - 8:30 pm:** Taxes and Business Management; Harvesting and Marketing Products from your Woodland; Forest Laws; Sources of Assistance

- **Primary instructor** for this course is Amy Grotta, OSU Extension Forester for Columbia and Washington Counties.
- **To attend you must pre-register no later than January 25th** by completing and mailing/delivering the registration form below, or by calling the Extension office: (503) 397-3462.
- **Cost of the course for instruction and materials is $40 per participant and $20 for each additional participant from one family.**
- **If you provide a legal description of your property, we will provide maps and photos for your property for use in discussing management options.**
- **Questions? Call Amy at the Columbia County Extension Office, (503) 397-3462**

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**Woodland Management 101 Registration**

Name(s): ____________________________________________________________

Mailing Address: _________________________________________________________

Phone: ___________________ Email: _____________________________________________

Legal description of your forestland: Township: _______ Range: _______ Section: _______

Taxlot number: ________________________

Make payment to OSU Extension. Bring or mail this form to: OSU Extension Service, 505 N. Columbia River Hwy, St. Helens, 97051.
Log Price Information

Quarterly log prices will be back next issue. For now, here is a look at patterns of timber harvest by small (non-industrial private) woodland owners in Columbia and Washington Counties over the past decade. This data is compiled by the Oregon Department of Forestry. Data from 2011 were not available but expected to be up sharply from 2010. For comparison, industry owners harvested 100,000 MBF in Columbia County and 66,000 MBF in Washington County in 2010.

![Non-industrial private timber harvest volume, 2000-2010](chart.png)

Oregon State University Extension Service
Columbia County
505 N. Columbia River Hwy
St. Helens, OR 97051

Return Service Requested