



Grouse Hollow News

SUMMER 2017



Aveda Dosha Earth Month Fundraiser Far Exceeds Expectations!

Forests Forever, Inc. and the Hopkins Demonstration Forest have been blessed the past two years by a special partnership with the Aveda Institute and Dosha Salon and Spas in the Portland and Vancouver area. Aveda/Dosha have adopted FFI and Hopkins to be the beneficiary of their annual fund raising efforts conducted each spring during April—Earth Month. As a company, Aveda and Dosha pride themselves in being environmentally sensitive and ensuring that the products and processes in their businesses are in tune with nature.

When Aveda and Dosha found Forests Forever and Hopkins, they immediately connected with our mission of conservation, wise use of the forest, and sustainability.

During the past two years, Aveda and Dosha have launched their fundraising effort with a “kick off” at Hopkins to get to know our forest and our people, plus provide community service helping manage the land. This past February, nearly 200 staff, students and family members came out to Hopkins, toured

the property, and planted trees in a recent harvest unit.

What followed during Earth Month was a series of fundraising activities through the Aveda/Dosha websites, at various business locations around the Portland/Vancouver metro area, and culminating with a gala soiree evening event in northwest Portland at the Aveda Institute’s beauty school. Nearly 400 tickets were sold for the soiree that included a fashion show, hair styling demonstrations, education/information



Hairstyling demonstrations drew the Portland fashion crowd to this soiree event.



FFI board member, Frank Wille (far left) with soiree attendees at the Hopkins Education booth.

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displays—and, of course, food and beverages.

Ken Everett, FFI’s Executive Director, said, “It was an amazing evening, again. These folks do an incredible job of organizing the fundraising effort and put a huge amount of work into the evening soiree gala. The fashion show is like nothing I’ve seen before!”

Everett and several Board members from FFI attended the soiree and had an informational display about FFI and the Hopkins Demonstration Forest, as well as, tree identification.

“Most of the folks we connect with through Aveda and Dosha are city people. So, what we do in the forest is

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Logging at Pedee Pays Off Debt

The Forests Forever, Inc. Board of Directors decided earlier this year to log a 10-acre parcel on their Pedee Woodlands property—located 14 miles south of Dallas in Polk County—with the proceeds used to retire the final portion of the mortgage on the 20-acre Post property at the Hopkins Demonstration Forest. Pedee Woodlands is a 209-acre



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Grouse Hollow News

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forest parcel that was owned by former FFI Board member, Bob Phillips and his wife, Sharon. The property was transferred to Forests Forever in 2012 following Bob's passing.

FFI purchased the Post property—adjacent to the original Hopkins tract in Beaver Creek and including the only entrance road into the demonstration forest—in 1998 on a life estate with Nita Post. The sale to FFI allowed Nita to remain on the property until her death and provided permanent access to Hopkins. That purchase was financed by FFI with a 20-year bank loan.

"It's a really good feeling to know this debt is finally paid off," said Ken Everett, Executive Director of Forests Forever. "This was a huge commitment for a fledgling non-profit to make nearly 20 years ago and limited our ability to grow as an organization. But, it was definitely the right thing to do at the time. We were able to help Nita stay on her property where she wanted to be and the purchase secured our access to Hopkins."

The pay-off of the Post property mortgage now allows FFI to move forward with future plans to develop a new restroom facility and build a new dwelling to replace the old manufac-

ture house on the Post property. The clear-cut harvest at Pedee yielded over 232,000 board feet of Douglas-fir and generated in excess of \$60,000 of income to FFI.

Additional logging at Pedee is planned later this summer to improve the primary roads on the property. Trees are crowding out the access and need to be removed in order provide daylight and drying for the roads. At the same time, ditches, culverts and additional rock will be added to the road system.

Improving the roads at the Pedee property will help develop the forest for future management and educational programs allowing visitors to use the property during the wet weather season. Income generated from thinning young stands of timber adjacent to the roads will help to pay for the road improvement work.

Earlier this year, Forests Forever completed an updated forest management plan for the Pedee Woodlands property. The next steps at Pedee will be developing an educational plan and working with the local community to bring forestry and natural resource learning opportunities to the central Coast Range area of western Oregon.

Remembering Mark Schmidt

By Mike Bondi, OSU Regional Extension Administrator and FFI Board Member and Ken Everett, FFI Executive Director

Forests Forever, Inc. lost a great friend last April. Mark Schmidt passed away following a medical emergency that began near the end of a meeting with our FFI Building Committee at the Hopkins Demonstration Forest. Mark was developing a site plan and design concepts for a replacement residence and a restroom facility on the Post Property to support our education programs.

Mark had been a self-employed designer of custom wood homes and small commercial buildings in the Molalla area and north Willamette Valley for over 40 years. Mark worked closely with FFI to design and oversee the construction of Forest Hall—today known as Everett Hall—that opened to the public in 2012.

“Mark had the unique ability to visualize exactly what type of building would

best fit into a forest environment. He loved nature, fishing, the forest, and building with wood.” said Ken Everett, Executive Director. Everett found Mark and invited him to work on the 2,400 square foot classroom and meeting hall project back in 2008. The two worked closely together to design the all-wood building and take the project through the permitting process with Clackamas County. Mark was a master at coordinating all of the regulatory details for his projects.

“We really liked Mark’s work and working with him. We decided we wanted Mark to design our next buildings to complement our other structures at Hopkins.” At the time of his death, Mark was in the process of finishing the preliminary drawings for the new buildings and reviewing his progress with the



Building Committee.

The Forests Forever, Inc. Board plans to finish the work Mark started. Mark’s design and concepts will be developed as we move forward to construction of the new facilities over the next two years or so.

FFI has recently contracted with Darryl Seiker, an architect from West Linn, has offered to work with us and Mark’s

plans. According to Everett, “We have a lot of work to be done for this next phase of development at Hopkins. Our logging earlier this summer at Pedee puts us in the position to consider construction now that we have a clear property title. We need to finalize the design work and determine project costs. Darryl has lots of experience in our kind of projects and will get us ready to begin raising the needed funds. And this effort will be a fitting legacy to Mark, our building designer and friend.”

Know Your Hopkins Plants—Twinflower, *Linnaea borealis*

By Meredith Hildebrand, OSU Master Gardner—Clackamas County

Late spring and early summer is the time when those who keep their eyes on the ground will see the delicate mat of Twinflower with its nearly invisible stems supporting tiny downward facing pink trumpet shaped blossoms. Only the very agile will be able to lower themselves to catch the lovely scent, but even the very non-agile will easily spread the Twinflower’s sticky seeds by sock or pant leg as they walk through shady, moist Northwest woodlands.

The story of the persistent, but otherwise sweetly unassuming little Twinflower, is more about the history of botany and the social network of early scientists than it is about the plant itself.

The Swedish physician and botanist, Linnaeus, born in 1707, was the son of a devoted amateur botanist who taught his young son the Latin names of their garden plants using the old, cumbersome method of stringing words together to describe living organisms’ noteworthy attributes. Linnaeus, though a dedicated plant nerd, wanted a simpler, easier to remember system, or taxonomy, so, as is often true in science, he based his naming system on earlier scientists’ research and shortened the Latin names to two words; one for the genus (always capitalized) and one for the species (always lower case). Linnaeus’s naming method was more about grouping plants based on their similar key botanical features.

Linnaeus’s benefactor and fellow botanist, the Dutchman, Jan Gronovius, was so pleased with the simplicity (and, possibly time savings) of his friend’s system that he commemorated the achievement by naming the little vine, Twinflower, (*Linnaea borealis*), and Linnaeus is now known as the father of modern taxonomy. And, most appropriately, Twinflower is also known as the national flower of Sweden!



Linnaea borealis
Twinflower

First State Convention Brings Youth from Around State

By Peter Matzka, OSU Forest Educator—Hopkins Demonstration Forest

The Hopkins Demonstration Forest played host to the first State Convention of the Future Natural Resource Leaders (OR-FNRL) on April 27-28. The event was the culmination of several years of planning and organization to create the OR-FNRL—led in part by Oregon State University's Peter Matzka, our Forest Educator at the Hopkins Demonstration Forest.

On Friday, April 27, 200 high school students from twelve Oregon schools came to test their skills and demonstrate abilities in a variety of natural resource-based technical events. These included plant identification, map reading, compass and pacing, timber cruising, log scaling, prepared speech, job interview, job related skill presentation, written expression, and more. Twenty-five judges from private industry, state agencies, area landowners, and local businesses—including FFI, comprised the panel to assess these students' abilities and skills.

On Saturday, April 28 the skills demonstrations moved down into the forest to the new 'Activity Field' adjacent to the Cedar Grove Shelter. For those that have not been down to the shelter area recently it is worth the hike down to see what has developed. Over the last year, this former mucky, field of brush, stumps, and soil disposal site was trans-



Birling (log rolling) is always a fun activity—not to mention requiring a lot of agility.

formed into a well-drained and level 'Activity Field' complete with six inches of wood chips, two 35-foot spur climbing poles, wood sawing stands, obstacle course, and other activity stations. Events on Saturday were more hands-on and included manual crosscut and power sawing, arbor and spur tree climbing, choker setting, cable slicing, log rolling, and more. Attendance on Saturday was close 150 high school students and an equal number of parents and spectators, if not more, along with another 25 judges. All of the events were a huge success.

As Hopkins grows and develops these



Traditional crosscut sawing is still an important skill in wildland recreation management.



Choker setting is another key skill for working in the woods.

new resources, like the 'Activity Field', will provide new opportunities, as well as, new audiences to educate and interact with. In the coming year we will be adding a GPS/GIS mapping and forest inventory program using current state of the art and industry standard equipment and software, a working sawmill to demonstrate wood utilization and milling concepts, have an expanded wetland area around the existing pond, and re-develop the riparian management demonstration area. Look for future reports to highlight these new activities and opportunities.

— PHOTOS BY KEN EVERETT —

Teachers Now in the Woods!

By Peter Matzka, OSU Forest Educator—Hopkins Demonstration Forest

By the time you are reading this, summer will have arrived, and with summer, comes the *Teacher in the Woods* program at Hopkins.

Over the past several years, different formats have been used to see what worked best for balancing both a quality program, flexible scheduling, and attracting a good number of teachers. We found that balance last year when we offered opportunities for high school teachers to come out to Hopkins and work on specific on-going projects in one-week blocks. While some teachers could only work with us for a week, others wanted more time in the woods. This provided the needed flexibility to attract a good number of diverse teachers, with different interests, and still maintain a quality program.

So, for 2017 our *Teacher in the Woods* program will remain much the same, but the projects will be changing. At this writing in mid-June, we currently have six teachers committing a combined total of twelve weeks in the forest at Hopkins this summer. Our teachers are coming from all around the Portland metro area.

Our primary field project the teachers will be focusing on this summer is inventorying and mapping the resources

on the 140-acre demonstration forest using a professional, sub-foot accuracy GPS unit, and working with ARCGIS—a professional geographical information system software package. The latest in the world of high-tech comes to the forest at Hopkins!

The goal when mapping this summer is to develop an electronic database that contains accurate locations for features such as trails, roads, culverts, bridges, buildings, property corners, unit boundaries, and wildlife habitat—plus other points of interest. Features will be located, assessed, and geo-located within a yard, if not near one-foot accuracy.

Also, the teachers will be using lower cost, consumer grade GPS units—the type sold in sporting good stores—so, they can become familiar with the basic technology that is commonly available to the public. We want the teachers to easily replicate their summer experience back in their classrooms—but, at a lower cost that they can provide to a greater number of students.

The data collected using the high-accuracy mapping technology at Hopkins will be used to develop various map layers to aid in future management mapping decisions and planning, as well as, provide numerous teaching applications at Hopkins.

We have other projects, too, planned

for this summer's teachers at Hopkins. Included will be the development of an illustrated native plant guide specific to Hopkins, but applicable for much of the northern Willamette Valley. This guide is being created for use with our education programs, but will also be available to the public. The guide will include approximately 50 of the more common native ferns, herbs, forbs, woody shrubs, conifers, and broadleaf trees.

In addition, some teachers will help develop hands-on curriculum resources for high school and middle school students in the areas of wildlife identification, water quality, and soil science/classification. Finally, the Riparian Demonstration Area is getting revisited and updated to reflect the new Oregon Department of Forestry rules, and as part of that process, existing inventory stations will be relocated using the sub-foot GPS and then inventories can be brought up to current conditions, as well as.

This summer season will be very busy at Hopkins and a great opportunity for local teachers to learn while working in the forest—and, help Forests Forever accomplish important work!

Aveda Doshra Fundraiser continued from front page

something pretty different to them. Just like what they do and where they work in the city is pretty different to us. Maybe that's why this is such a meaningful partnership. Aveda, Doshra, FFI and Hopkins all really share the same core mission and values—but, in our own worlds. We really do complement each other and we all learn a lot from each other, too."

Last year's Aveda and Doshra fundraising—their first with FFI and Hopkins—raised \$21,000. Their goal this year was \$25,000. The final tally for 2017 was \$29,000.

Many thanks for our friends at the Aveda Institute and Doshra Salon and Spas. You folks are AMAZING!

Spring Education Report

By Peter Matzka, OSU Forest Educator—Hopkins Demonstration Forest


The Hopkins School Education Program served close to seventy, K-12 school groups this past April and May. Despite the continued cool and wet weather, school groups brought with them over 3,000 students and nearly 700 adults. Add to that, six adult and landowner workshops, eight volunteer events, three college groups, and the Portland State University Outdoor Mentor Program—and, it was quite a spring. By the end of June, total education program numbers were 105

groups, 3,300 students and 1,100 adults.

These impressive number were made possible by working with our partners from OSU Extension, Portland State University, local community volunteers, and of course the support of our Education Consortium members who provide the funding to sustain our programs. However, even with all of this assistance almost 1,000 students were turned and/or directed to other programs, if possible, due to being at full 'staffing' capacity this spring.



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Calendar

July 10-14: Teacher in the Woods—
Session 1

July 17-21: Teacher in the Woods—
Session 2

July 24-28: Teacher in the Woods—
Session 3

August TBD: Teacher in the Woods—
Session 4

August 12: Community Forestry Day—
clean and treat the exterior of Hopkins Hall;
keep up with right-of-way mowing and
finish trail clearing; shop clean-out

**August 12: "Good Wood" Forest
Management and Products—**workshop
and tour for forest landowners

September 9: Community Forestry Day—
process accumulated blowdown with new
sawmill; clean-up around pond and new
wetland; finish shop clean-out

**September 14: Riparian Buffer
Demonstration Workshop for Forest
Landowners**

October 14: Community Forestry Day—
road and trail inspection and preventive
maintenance; new harvest unit seedling
inspection and maintenance

*NOTES: All Community Forestry Days begin at
8:30am until 3:00pm; call ahead (503-632-
2150) for information and to reserve lunch.*

**For more information, call:
503-632-2150 or visit:
www.demonstrationforest.org**

Sawmill Building Takes Shape

Last fall, Walt and Ron Dilley sold their family's Colton tree farm and donated their portable sawmill, a wood chipper, and a lumber edger to Forests Forever, Inc. FFI Executive Director, Ken Everett, was hoping to build a shelter building to house the mill and the additional equipment—protecting everything from the weather and providing a safe working area.

While at Tree School this past March, Ken saw Carol Belton from Seattle. Carol and husband, John, owned forest property east of Sandy. John passed away in 2014. John was a real believer in building with wood, making value-added products from the forest, and often employed the services of a portable sawmiller on their property to make products from his trees.

Carol offered to help build the new 48' x 24' sawmill shelter at Hopkins. And, today, just a few months later, the shelter is complete and the first wood has been already milled.

Other local landowners were involved in the project, too. Hopkins neighbor, Gary Deardorff, donated a log from a harvesting operation he was doing. Sawmiller Kevin Kastner donated the cutting of the log at his mill according to the specifications needed for a 6" x 24" x



24' wood beam to span the opening in the building where logs could be brought in to the mill. Kastner worked closely with John Belton on most of his value-added wood product projects over the years.

FFI contracted with Randy Wheeler from Estacada to do much of the construction for the project, framing and roofing. Volunteers at Hopkins pitched in to complete the finish work on the storage room.

Everett said, "This is a great project and will be a valuable addition to our education programs at Hopkins. I see us opening a whole new world of teaching for landowners and for the high school students.

"But, more importantly, the sawmill project is another example of what great friends we have at Hopkins. The Dilley family's equipment gift and the Belton's generous financial gift, then, led to the other important contributions to make this all happen. Pretty amazing and very special for the community."