

Bulletin

of the

Native Plant Society of Oregon

Dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats

VOLUME 50, No. 2

MARCH 2017

NPSO Annual Meeting 2017 in Roseburg June 9-11

As noted in last month's *Bulletin*, the "Hundred Valleys of the Umpqua" will be our botanical landscape for the 2017 Annual Meeting. Our meeting location, Phoenix Charter School, is situated on the Diamond Lake Highway (138), east of the downtown Roseburg area. Students at Phoenix School are often involved in habitat restoration and other community projects (roseburgphoenix.com/community.html). Douglas County is situated at a "botanical crossroads" between the California Floristic Province and the Vancouverian Floristic Province. This, combined with particular geological formations, leads to high plant diversity in the county. Many species are near their northern or southern range limits and several species are endemic to the county. The Umpqua Valley and Corvallis Chapters are happy to host the 2017 Annual Meeting in the beautiful "Land of Umpqua" and we hope you can join us in experiencing this wildflower-rich area.

A printable registration form will be posted on the Annual Meeting website, annualmeeting.npsoregon.org. There will also be links on the main NPSO webpage and the Corvallis Chapter webpage: corvallis.npsoregon.org. A hard copy registration form is in this *Bulletin*. Student scholarships to attend the meeting will be available. Deadline for priority registration at reduced cost is May 7. Given the potential for a very high snowpack this year, some fieldtrips may have alternate destinations (similar to the 2008 meeting).

Lodging will be on your own; some options are listed below. More options will be listed on the Annual Meeting web site and a longer list of options is also here: roseburgareachamber.org/directory/categoryDetail.php?cat1=Lodging

Motels in Roseburg, Exit 124 (closer to Phoenix School)
Holiday Inn Express, 375 Harvard Ave., 541-673-7517; 800-898-ROOM (7666)
Travelodge, 315 West Harvard Ave., 541-672-4836; 800-578-7878
The Dunes Motel, 610 Madrone St., 541-672-6684
Douglas Value Inn, 511 SE Stephens, 541-673-6625

Motels at Exit 125, Garden Valley Rd.
Best Western Garden Villa Inn, 760 NW Garden Valley Blvd., 541-672-1601; 800-547-3446
Quality Inn, 427 NW Garden Valley Blvd., 541-673-5561
Windmill Inn, 1450 NW Mulholland Dr., 541-673-0901
Comfort Inn, 1539 NW Mulholland Dr., 541-957-1100

continued on page 7

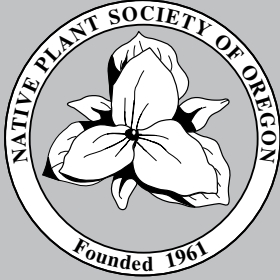
In This Issue

Stipends for Students.....	2
Native Plantings	2
Prepare for NPAW	2
Candidates Wanted	2
NPSO Calendar.....	3
Other Events.....	6
Field Trips	7
Glide Wildflower Show.....	9
Scholarships Available	10
NPSO Contacts	11
Friends of OFF.....	12

!! IF YOU HAVEN'T RENEWED YET FOR 2017, YOUR MEMBERSHIP WILL LAPSE SOON !!

Look at the label on this *Bulletin* and if "2016" appears along the top edge, this is the LAST *Bulletin* you will receive. If you don't want to miss out on any of this year's *Bulletins*, please send in your dues payment right away!

You can also renew online at npsoregon.org/online.html



Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

E-mail Discussion List

To join, send a message to majordomo@tardigrade.net, with the following in the body of the message: `subscribe npsos`

General Business Address

P.O. Box 902
Eugene, OR 97440
or correspond directly with Officers and Committee Chairs listed on the inside of the back page.

Membership Inquiries Only

Matt Morales
P.O. Box 80714
Portland, OR 97280

Bulletin of the Native Plant Society of Oregon

Editor: Erika Wedenoja
Layout Artist: Cat Mead

ISSN 0884-5999. Published 10 times per year. Subscription price specified in Membership Form printed on inside back cover page of this issue. Date and issue number on page 1.

The submission date is the 10th of each month for the following month's issue except for the Aug/Sept issue which is July 24 and the Dec/Jan issue which is November 24. Send submissions by e-mail to bulletin@NPSOregon.org.

Opinions expressed in this publication are those of the authors of the articles. They do not represent the opinions of the Native Plant Society of Oregon, unless so stated.

Annual Meeting Stipends for Students

NPSO is offering three stipends of up to \$200 each to college undergraduate or graduate students to attend the NPSO Annual Meeting 2017 in the beautiful Umpqua Valley in Roseburg. We want to encourage more students to be active in NPSO, so we are offering the stipends to help defray some expenses for travel, lodging, food and banquet, membership, and registration. Your costs may vary depending on your lodging, mileage, etc. However, the stipend should be sufficient to cover registration and some lodging. In return for receiving the stipend, NPSO suggests that each student write a short article (about 250-300 words), describing some aspect of the meeting such as the field trip you participated in or the evening presentations, for the *Bulletin*. To apply, please request a copy of the Stipend Application directly from Judi Sanders, judi.sanders@gmail.com or use the application available on the Annual Meeting website. Make sure to indicate NPSO Annual Meeting Stipend in the subject line of your email. Deadline for submitting your stipend application to judi.sanders@gmail.com by email is May 1, 2017.

Umpqua Chapter Members Plant Native Species in City Park

On February 25, volunteers from NPSO Umpqua Valley Chapter were joined by master gardeners and other groups to get our hands dirty and plant an array of native plants, including shrubs and perennials, for a total of 54 plants. Our chapter accepted an opportunity by the City of Roseburg Parks to enhance the landscape area with native plants. We will continue to maintain the plants growing at Fir Grove City Park and plan to use it to showcase the ease and beauty of growing natives. We also added new species to the garden at Hickory St. in Roseburg. If you would like to see what we have accomplished, just give us a call.

Plan Now for Native Plant Appreciation Week

Though the weather outside is frightful, the arrival of spring will be so delightful. While dreaming of spring, it's never too early to start planning for this year's Native Plant Appreciation Week, taking place April 23-29, 2017. This is the largest coordinated public outreach event for the Native Plant Society of Oregon and an excellent opportunity for society chapters throughout the state to sponsor workshops, hikes, plant sales, etc. and help increase their chapter's visibility and membership. We all get much busier as the weather improves so now is the time to plan. Be sure to post your activities in the NPSO *Bulletin* and to let the NPAW Committee know about them as well. Email any information to Judi Sanders at judi.sanders@gmail.com.

NPSO Seeks Candidates

Please consider taking the opportunity to serve our Society by running for election to one of the state-wide officer or at-large board of director positions. Interested persons and people with ideas for potential candidates may contact Dan Luoma by email (daniel.luoma@oregonstate.edu) for more information.

NPSO CALENDAR

State Notes

NPSO State Board Meeting

April 1, Saturday, 10 am-2 pm

The next State Board meeting will be hosted by the Emerald Chapter in Eugene.

NPSO Annual Meeting 2017

June 9-11 2017, Friday-Sunday

Corvallis and Umpqua Valley Chapters will jointly host the NPSO Annual Meeting 2017 in Roseburg, with the meeting location at Phoenix School. A State Board meeting will be held on Sunday. Field trip descriptions and registration form are in this *Bulletin*. For additional information, visit annualmeeting.npsoregon.org.

Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244. To get on our email list, contact flora.id@wtechlink.us.

Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at ch_president@NPSOregon.org.

Meeting and work party location:

Carnegie Room, McMinnville Public Library, 225 NW Adams St. (corner of Highway 99W and SW Second St.), McMinnville. Parking lot entrances on Adams and Second Streets.

March 23, Thursday, 7 pm

Program: Designing with Natives to Invite and Sustain Biodiversity at Home.

In the face of habitat loss and species extinction, gardens—even small ones—can and ought to play a crucial ecological role in supporting vibrant and complex natural systems. Join Eileen Stark as she explains some basic design elements, ecological concepts, and maintenance practices for creating and enjoying functional, diverse, and humane spaces. Discover the region's

native plant communities and how they might find a home in your yard. The essence of a successful garden lies not only in its ability to look beautiful, but also in its ability to nurture wildlife that's in danger of being lost forever. Location: Carnegie Room, McMinnville Public Library, see above for details.

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. A sample waiver form is available at http://npsoregon.org/documents/NPSO_waiver.pdf. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12. A trip leader checklist and sample waiver form are available at: <http://npsoregon.org/calendar.html>

March 25, Saturday, 10 am-noon

Work Party: Native Plant Garden at McMinnville Public Library. Volunteers are needed to help tend the native plant garden, which is over 20 years old now. No experience is required. You'll learn to recognize local native plants—as well as weeds—while getting to know other NPSO garden crew members. Dress for the weather and bring gloves, bucket and gardening tools if you have them. Location: McMinnville Public Library, see above for details. For more information, contact Catie Anderson at catie.fishback@gmail.com or 503-435-2401.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact co_president@NPSOregon.org.

March 13, Monday, 7:30 pm

Program: Gardening for Birds and Insects—Think Ecological Diversity. Bill Proebsting's talk will aid our thinking about birds and insects in the garden by describing a systematic framework of basic ecological principles that are adaptable to any situation, from postage stamp-sized lots to acreage. They are also aesthetic, so you can grow a visually-pleasing garden as well. He will approach the topic from various perspectives, hoping that everyone can find something to apply to their particular situation and interest. Location: Cordley Hall at OSU, Room 2087.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists & botanical information about Lane County plants & the people who love them.

New Meeting Location: The Stellaria Building, 150 Shelton-McMurphey Boulevard, Suite 104, Eugene. Head east on West 3rd Avenue until it turns into Shelton-McMurphey Boulevard. Stellaria is inside Hummingbird Wholesale.

March 4, Saturday, 10 am-1:30 pm

Field Trip: Tour the South Meadow at Mt. Pisgah to View Early Seasonal Wildflowers. Dave Predeek takes us on a walk to view flood plain restoration work and a disjunct population of *Enemion stipitatum*, dwarf rue-anemone, of the buttercup family. This is the only population of *E. stipitatum* in Lane County, with just 2 other populations in the Willamette Valley. Total walking distance is two miles. Dress for weather. Bring water and snacks. Location: Meet at Mt. Pisgah Arboretum. From I-5, turn east at 30th Avenue in South Eugene and go two miles east on Seavey Loop Drive. For further information call Dave at 541-345-5531.

March 16, Thursday, 7 pm

Program: Woodland Meadows and Steub-obst-Wiese—Traditional European Orchard Management for Oregon. Speaker Will McClatchey is a former professor of Botany, University of Hawaii, and a former VP for research at the Botanical Research Institute of Texas. His research has focused on ethnobotany conservation and traditional cider-orchard management practices. He is now attempting to develop woodland meadows in South Lane County. Location: upstairs in the Stellaria Building, 150 Shelton-McMurphy Boulevard in Eugene, see above for details.

Filipendula

This is a newly formed chapter for the northern Oregon coast area. For more information, visit our Facebook page: NPSO-Filipendula Chapter, or contact Field Trip Chair Carla Cole, colecarla@yahoo.com.

High Desert

For information, visit the High Desert Chapter website: www.highdesertnpsoregon.org and Facebook page: Native Plant Society of Oregon: High Desert Chapter, or email highdesertnps@gmail.com.

Klamath Basin

For information on the Klamath Basin Chapter, visit <http://klamathbasinnps.com> or contact the chapter president, Kim Eliott, kb_president@NPSOregon.org.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at mc_president@NPSOregon.org.

Portland

If you would like to receive the chapter's semi-official email newsletter, The Calochortus, email Don Jacobson at donjphoto@gmail.com.

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hike and other events as well as great plant pictures.

The Portland Chapter meets the second Thursday of most months. Meetings and programs begin at 7:00 pm. **MEETING PLACE: TaborSpace at Mt. Tabor Presbyterian Church**, 5441 SE Belmont St., Portland. We will meet in **Copeland Commons**; enter the church through the main door off Belmont and turn right to enter the room. Parking is available in the church lot on the NW corner of SE 54th and Belmont.

March 9, Thursday, 7 pm

Program: Invasive Forest Pests in Oregon. Invasive forest insects cause extensive damage that negatively impacts our environment and economy in Oregon. Brandy Saffell with the OSU Extension Service in the Metro region will introduce two high-priority pests, the emerald ash borer and the Asian long-horned beetle. She and others are working to keep these insects out of Oregon forests and will provide tips on how to identify them and report sightings. She will also share information about the Oregon Master Naturalist Program. Meeting location: Copeland Commons, TaborSpace, Mt. Tabor Presbyterian Church, see above for details. Contact: Mary at alphiesmith@comcast.net or 503-288-4340.

March 11, Saturday

Hike: Crawford Oaks at Columbia Hills State Park. We'll search for blooming grass widows, *Lomatium gormanii*, *Lomatium laevigatum*,

Dodecatheon conjugens, *Fritillaria pudica*, and *Balsamorhiza careyana*, among others. If we don't find *Lomatium columbianum* in bloom, we'll make an additional stop nearby to see them. Hike length about five miles on trails and cross country with 500 ft. gain. For information, contact Paul Slichter, 503-661-3292 or pslichter@frontier.com.

March 18, Saturday, 1-3 pm

Field Trip: Nob Hill Nature Park in St Helens. This will be an easy, low-key stroll through Nob Hill Nature Park (NHNP) to view fawn and chocolate lilies and more in an area currently undergoing restoration. NHNP is a 6.6-acre oak woodland perched on a basalt bluff overlooking the Columbia River. Poison oak is common off well-maintained trails; long pants and long sleeves are suggested. This event is on, rain or shine. Pre-registration not needed. Location: NHNP is 30 miles north of Portland, off Hwy 30 in St Helens. Meet at the city's wastewater treatment facility across from park at 1 pm. Directions from Portland: take Hwy 30 north, past Scappoose. At the WalMart in St Helens, turn right on Gable Rd. Go toward the river. Bear right on Plymouth St. and keep bearing right until you see the wastewater treatment plant on the right. There is plenty of parking across from the park's main entrance. Information: day of event, call 503-349-8586. For a plant list, call trip leader Caroline Skinner at 503-248-9719.

March 31, Friday, 8:30 am-4:30 pm

Field Trip: Catherine Creek. The premiere early flower spot in the Gorge, where we will search for grass widows, yellow bells, prairie stars, toothworts, several desert parsleys, and others. Easy walking route to five miles with 800 ft. gain. Location: Meet at the Catherine Creek trailhead at 10 am or carpool from Gateway Park and Ride at 8:30 am. Approximate return time to Portland is 4:30 pm. Drive is 120 miles round trip. To sign up for the hike or for more information, contact Ron Klump at 360-619-8892 or ronklump55@comcast.net.

April 8, Saturday, 10 am-1 pm

Field Trip: Lacamas and Round Lakes near Camas, Wash. Easy hike, about a 2.5-mile loop around lake front, forested slopes, and flowered meadows. Hope to catch camas and avalanche lilies in bloom in the oak balds. To sign up for the hike or for more information, contact Ron Klump, 360-619-8892 or ronklump55@comcast.net.

April 13, Thursday, 7 pm

Program: The Alpine of North America, the Last Region Still without Major Human Influence.

The North American alpine biome is found at higher elevations above the timberline in the southern Sierra and Rocky Mountains and becomes lower in elevation farther north in the Sierra, Cascade, and Rocky Mountains. It is also situated in the most northern peaks of the Appalachian Mountains of New England and Chic-Choc Range of the Gaspé Peninsula of Quebec, Canada. Learn from botanist Dennis W. Woodland how plants have developed survival adaptations in this harsh biome. The flora and ecology of each of these geographical regions will be discussed, with many lovely alpine species illustrated. Meeting location: Copeland Commons, TaborSpace, Mt. Tabor Presbyterian Church, see above for details. Contact: Willow at salixsky@hotmail.com or 503-358-5848.

April 15, Saturday, 8:30 am-4:30 pm

Field Trip: Memaloose Hills. Wildflower hike in the east Gorge, moderate, 5–6 miles, 800 ft. gain. This hike is jam-packed with flower species, including the rare violet suksdorfia and big shows of balsamroot. It also boasts a pioneer road, basalt formations, and views of the Columbia River and Cascade peaks. Located just east of the town of Mosier, this hike was a favorite of Russ Jolley. 140 mile round-trip drive. Co-leaders Beth Magnus and Clarice Johnston. Contact Clarice to sign up and receive carpool information: eclarice@gmail.com. Departure time 8:30; return to Portland approximately 4:30.

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2017, make a suggestion, or provide feedback regarding the field trip program, please contact Julie Spelletich at: jspelletich@gmail.com. Join us on Facebook at: facebook.com/SiskiyouChapterNativePlantSocietyOfOregon.

March 12, Sunday, 9 am

Field Trip: Upper Table Rock. Join John Villella, a botanist with Siskiyou Biosurvey and member of the American Bryological and Lichenological Society and NPSO, to observe lichens, bryophytes, and terrestrial algae. This is a great time to visit Upper Table Rock as it is prime time for ephemeral bryophytes and terrestrial algae associated with the vernal pools on the top of the rock. Some lichen highlights include: vagrant forms of *Xanthoparmelia* and *Dermatocarpon* and local rarities such as *Parmelina* and *Peltula*. Also, there is a chance to observe early flowering wildflowers. Location: meet at the Upper Table Rock parking lot. For information and to register contact Julie Spelletich at 541-951-1744 or jspelletich@gmail.com.

March 16, Thursday, 7 pm

Program: Montane Islands in a Desert Sea. Jan and Dave Dobak will give us a look at the flora of northern Nevada's Ruby Mountains and Wheeler Peak, and California's Lassen Volcanic National Park. The Dobaks live and garden in Milwaukie, Oregon. They are avid worldwide travelers, photographers, and active members of several plant and garden organizations, including NPSO. Refreshments at 6:45 pm, meeting and program at 7:00 pm. Location: Southern Oregon University Science Building, Room 161. Free and open to the public. For information contact Dave at 541-535-5355.

Umpqua Valley

Visit umpquavalleynativeplants.com for more information on chapter activities or

to be added to our email list. Check out our Facebook page, www.facebook.com/UmpquaValleyNPSO. Not online - call Donna Rawson 541-459-2821.

New business meeting and program location: Room 310 in the Douglas County Courthouse, 1036 SE Douglas, Roseburg.

Meeting place for field trips: The large parking lot between the Douglas County Library and Douglas County Courthouse (west side of Fowler St. near the creek). Please contact M.A. Hansen at 541-863-8111 (call or text) if you plan to attend any of our field trips.

March 18, Saturday, 9 am-3 pm

Field Trip: Early Spring Wildflowers in Olalla Creek Watershed. Ted Schatzenkerk will lead us to Upper Olalla Road south of Tenmile to view the first wildflowers of spring, including: Oregon fetid adder's tongue (*Scoliopus hallii*), gold star (*Crocidium multicaule*), baby blue-eyes (*Nemophila menziesii* var. *atomaria*), rosy plectritis (*Plectritis congesta*). We will make several stops along Olalla Creek. Ride sharing is encouraged. Bring lunch and dress for the weather conditions. Easy walking on this trip. See above for location and contact information.

March 26, Sunday, 9 am-3 pm

Field Trip: Explore Beatty Rock, a Monolithic Outcropping of Conglomerate in the Lower Cow Creek Watershed. We will explore lower Cow Creek Road to examine the California sword fern (*Polystichum californicum*), spring phacelia (*Phacelia verna*), a rare moss (*Pseudoleskeella serpentinensis*), and the fairy slipper orchid (*Calypso bulbosa*). The first stop is at the mouth of Beatty Creek, where we will amble on Beatty Rock then hike a short way up a brushy streamside trail to view serpentine-tolerant plant species. The second stop is the BLM Island Wayside. Anticipate climbing on sloping, mossy (slippery) rock for viewing ferns as well as hiking a quarter mile along a streamside trail with short steep pitches (moderate strenuous effort). Ride sharing is encouraged. Bring lunch and dress for the weather conditions. See above for location and contact information.

April 1, Saturday, 9 am-3 pm

Field Trip: Severt Iverson County Park and Tenmile Creek. Iverson Park has served as a rest stop and a gathering for weddings, anniversaries, and peaceful walks for 50 years. In April 2016 we joined up with John Hunter and Friends of Iverson Park to enjoy a stroll in the pristine woods and continue a plant identification survey. In the short time we were there we roughly identified 42 plant species, including *Trillium ovatum*, *Erythronium oregonum*, and fairy slipper orchid (*Calypso bulbosa*). Join us for a return trip to enjoy this park and explore Tenmile Creek that runs through it. It's just a few miles out the Coos Bay Wagon Road from Lookingglass. Bring lunch and dress for the weather. See above for location and contact information.

April 9, Sunday, 9 am-3 pm

Field Trip: Ford's Pond and other Sites between Sutherlin and Roseburg. The City of Sutherlin partnered

with the Friends of the Ford's Pond on a grant application to the Oregon Parks and Recreation Department. Jim Houseman has been working toward developing a park there for some years now. Next on the city's to-do list is finding a landscaping architect through bid proposals. We are planning to continue a native plant survey there and we will also explore other sites close to Roseburg for early April wildflowers. Bring lunch and dress for the weather. See above for location and contact information.

Willamette Valley

For program information, contact John Savage at 503-399-8615.

March 30, Thursday, 6-7 pm

Program: Ancient Places: People and Landscapes in the Emerging Northwest. Jack Nisbet, noted author and educator, will give a talk based upon his recent book, *Ancient Places: People and Landscapes in the Emerging Northwest*. A

book signing with the author will follow the presentation. This nature talk is sponsored by the NPSO Willamette Valley Chapter, in partnership with the David Douglas Society and the Straub Environmental Center. Location: The Eco Hub, 1313 Mill Street SE, Salem, at the Willamette Heritage Center. This event is free and open to the public. For additional information, visit straubenvironmentalcenter.org or call 503-302-4645.

William Cusick

Visit our Web site at <http://williamcusick.npsoregon.org> or contact Susan Geer at 541-963-0477 or Emelie Montgomery-Jones at 541-963-3339 for updates and general information. Chapter notices and communications are done primarily through a Google group. Members are reminded to contact Susan or Emelie if they want to be added to the Google group, or if they do not have internet access and want to be contacted by phone for events.

OTHER EVENTS

Siskiyou Field Institute 2017 Season

Online registration for all programs and field courses is now available. A few of the upcoming courses are listed below. For a 2017 catalog, more information, and to register, visit thesfi.org or call 541-597-8530.

A Kalmiopsis Exploration

April 22, Saturday. Hike five miles round trip along the Illinois River trail to view *Kalmiopsis leachiana* in bloom in the Kalmiopsis Wilderness at York Creek. The Kalmiopsis Wilderness was named for these rare and beautiful flowers, first reported by botanist Lilla Leach in the 1930s. Along the way, we'll stop to observe and learn about

other endemic plants in the area and their serpentine habitat, as well as birds and a botanical history overview of the Kalmiopsis area. The class field trip involves hiking over moderate terrain, with a 500 ft. elevation gain. Instructors: Lee Webb, M.S. & Tom Atzet, Ph.D. Tuition: \$60. Maximum class size is 12 so please register early. Location: Meet at SFI to carpool.

A Serpentine Short Course

April 29, Saturday. In this one-day course, we'll gain an overview of serpentine ecology, learning why the Klamath Geologic Province has the largest exposed outcrop of serpentine minerals in the western hemisphere and perhaps the most concentrated set of ultramafic rocks of any province. We will visit the serpentine fen and Jeffrey Pine savanna at SFI to observe how our region's concentration of ultramafic

rocks and unique serpentine soils impacts plants, fungi, animals and microbes. Instructor: John Roth. Tuition: \$60. Location: SFI.

Sketch Your Way to Better Botany

May 18–21, Thursday-Sunday
Roots, stems, leaves and flowers: May 18–19

Habits, fruits and seeds: May 20–21. Learn how to or improve plant sketching skills in pencil or pen for field notes or journals. At the same time, increase your botanical vocabulary. Workshop includes time for sketching in the field at beautiful Siskiyou sites, as well as classroom time. Great for artists or gardeners who want to increase their knowledge and appreciation of plants and flowers. Instructor: Linda Vorobik, Ph.D. Tuition: \$275 – Four-day workshop; \$150 – Two-day workshop. Location: SFI.

Annual Meeting, *cont'd*

Campgrounds

Douglas County Parks with camping: <http://www.co.douglas.or.us/parks/campgrounds.asp>

Located 15 miles east of Roseburg off Highway 138, Whistler's Bend RV Park and Campground, is perhaps the best option. http://www.co.douglas.or.us/parks/view_park.asp?index=47&features=&cnt=

Another possibility is Amacher Park, 5750 Northeast Stephens Street, Winchester OR. Though in a lovely setting on the N. Umpqua River just north of Roseburg, it is also next to the I-5 bridge. http://www.co.douglas.or.us/parks/view_park.asp?index=0

Camping opportunities on the Umpqua National Forest are extensive, but not very close to Roseburg: <https://www.fs.usda.gov/detail/umpqua/recreation/?cid=stelprdb5373219>

SCHEDULE

Friday, June 9

Optional short field trips in the afternoon. Gather for the field trips at the Douglas County Library, corner of Diamond Lake Blvd. and Fowler St., between 12:30 and 12:45. There are open parking lots on both sides of Fowler St. Trips will leave at 1:00 and return by 4:30. Check-in begins after the field trips, 4:30 at Phoenix School, 3131 NE Diamond Lake Blvd., Roseburg.

Social hour begins at 5:00 (no-host bar opens for wine and beer sales) and a dinner at 6:30 will be followed by a presentation from Dr. Ken Carloni, biology professor at Umpqua Community College, "Taking Back the Firestick: Humans, Fire, and Becoming Indigenous." Registration for the dinner is optional. See the Annual Meeting web site for the menu. All are welcome for the socializing and the talk.

Saturday, June 10

8:00 AM Registration resumes at the Phoenix School. Coffee, tea, and muffins will be served in the dining hall. Pick up pre-ordered, optional lunches.

8:30 The first wave of field trips departs from Phoenix School.

9:00 The second set of field trips departs: Beatty Creek, Fall Creek, North Bank, and Roseburg area habitats.

4:30 PM Field trips return and the dining hall is open for socializing and visiting vendor tables. Silent auction to benefit the Oregon Flora Project.

5:00 No-host bar opens for wine and beer sales.

6:15 Seating and general announcements.

6:30 Dinner service (buffet). See the Annual Meeting Web site for the menu.

7:30 Acknowledgments and installation of officers and board members. Silent auction ends.

8:15 Keynote speaker, Dr. Kevin Weitemier, Center for Genome Research & Biocomputing at OSU, "Sleuthing Species Splits and Spreads." The technology of DNA sequencing allows us to investigate the history of plant species in ways that were impossible just a few years ago. These insights can

tell us about important conservation concerns: whether two populations might really be separate species, or whether a species has spread or declined in the past, and what that might tell us about its future. This presentation will describe how scientists are using this powerful technology, with examples from Oregon native plants.

9:15 Wrap-up and final announcements, claim (and pay for) silent auction items.

Sunday, June 11

8:15 AM Breakfast at the Phoenix School for those who pre-ordered on the registration form. See the Annual Meeting Web site for the menu.

9:00 Optional short field trips depart: Beatty Creek, North Bank, Roseburg area habitats, and Wolf Creek Falls.

9:00–1:00 NPSO Board Meeting, all are welcome.

1:00 PM Field trips return (or earlier).



Boechera subpinnatifida

GERALD CARR, COURTESY OF OREGON FLORA PROJECT

Field Trips in the Land of Umpqua

Bring water and lunch, sturdy shoes, sunglasses and be prepared for any weather. Hikes may be changed if necessary.

SATURDAY

1. Beatty Creek ACEC/RNA

This area represents an excellent example of serpentine pine savanna at the north end of the Klamath Mountains Ecoregion. Soils derived from serpentine rock have chemical and physical properties that make plant growth difficult. This area has been recognized for its rich concentration of plants tolerant of these harsh soils. Serpentine species include: Bolander's onion (*Allium bolanderi*), Klamath rockcress (*Arabis subpinnatifida*, synonym of *Boechera subpinnatifida*), Douglas monkey flower (*Diplacus douglasii*), and California sandwort (*Minuartia californica*, synonym of *Sabulina californica*). Other wildflowers to enjoy include: grass widows (*Olsynium douglasii* var. *douglasii*), wayside aster (*Eucephalus vialis*),

continued on page 8

Annual Meeting, *cont'd*

spring gold (*Crocidium multicaule*), yellowleaf iris (*Iris chrysophylla*), and Henderson's triteleia (*Triteleia hendersonii* var. *hendersonii*). Moderate off-trail hiking. Forty-five minute drive from Roseburg. Leader: Ken Carloni, Umpqua Community College biology professor.

2. Bilger Ridge

We will enjoy many interesting serpentine plants such as *Calochortus coxii* (crinite mariposa lily, named for Marvin Cox who was one of the leaders of this trip in 2005) and *Sisyrinchium hitchcockii* (Hitchcock's blue-eyed grass). We may also have time to visit an Umpqua mariposa lily (*Calochortus umpquaensis*) site near Tiller. Easy-to-moderate off-trail hiking. 1.25 hour drive from Roseburg. Leader: Aaron Roe, botanist with the Roseburg BLM office.

3. Callahan Ridge

This is a visit to the expansive meadow on Callahan Ridge to view a diverse variety of "serpentine" endemic plant and fern species that include the Umpqua mariposa lily (*Calochortus umpquaensis*) and Hall's violet (*Viola hallii*). Kincaid's lupine (*Lupinus oregonus* var. *kincaidii*) is also present in a low narrow saddle underlain by "granitic" substrate. See panoramic views of the Western Cascade Range to the east and the Klamath Mountains in every other direction. Easy-to-moderate hiking. 1.5 hour drive from Roseburg. Leader: Linda Vorobik



Silene lemmonii

WILBUR BLUHM, COURTESY OF OREGON FLORA PROJECT



Sarcodes sanguinea

BRUCE NEWHOUSE, COURTESY OF OREGON FLORA PROJECT

4. Cedar Springs Mountain

We will wander among amazing serpentine plants and geologic features while hunting for the northernmost range of the elusive *Lewisia leana* (quill-leaved lewisia). We'll also look for *Phacelia peckii* (Peck's phacelia) and *Arabis subpinnatifida*, synonym of *Boechea subpinnatifida* (Klamath rock-cress). A two-hour drive from Roseburg, high clearance recommended. Moderate to difficult hike, bring plenty of water. Leader: Dana York, former USFS botanist.

5. Cougar Bluffs

Forest wildflowers such as *Phlox adsurgens* (woodland phlox) and stunning rock garden species such as *Gilia capitata* (bluefield gilia), *Penstemon cardwellii* (Cardwell's penstemon), *Penstemon rupicola* (pink rock penstemon), *Sedum divergens* (spreading stonecrop) and *Sedum oregonense* (creamy stonecrop) are sure to please. Easy-to-moderate hiking. 1.5 hours from Roseburg, high clearance recommended. Leader: Richard Helliwell, USFS botanist.

6. Fall Creek Falls

This hike will look at typical lichens, mosses, and plants of the Western Cascades. This field trip will focus on lichens and bryophytes and will likely visit other sites in the area. Susan Creek is a nearby BLM park featuring Tioga Bridge spanning the scenic North Umpqua River, accessing the North Umpqua Trail system on the opposite bank. The rock outcrops along the river's edge hold a variety of aquatic lichens and bryophytes including the rare "donut moss," *Scouleria marginata*. The trail system goes through beautiful old-growth forest

containing many trees well over six feet in diameter. Short easy hiking. 45 minute drive from Roseburg. Leader: Scot Loring

7. Hemlock Lake

Enjoy a scenic short hike around Hemlock Lake and see a great variety of flora such as *Eurybia radulina* (formerly *Aster radulinus*, rough-leaved aster), *Penstemon cardwellii* (Cardwell's penstemon), and *Castilleja pruinosa* (frosted Indian paintbrush). Also includes stops of botanical interest on the way along Little River Rd. 1.5 hour drive from Roseburg. Moderate hiking. Leader: Kelly Amsbury, ODA botanist (retired).

8. King Mountain Rock Garden ACEC

King Mountain Rock Garden is a wonderland of stunning small rock garden type plants that are able to make a niche in seemingly inhospitable, rocky habitat. We'll look for *Penstemon anguineus* (Siskiyou beardtongue), *P. azureus* (blue beardtongue), *P. rupicola* (rock penstemon), *Viola hallii*, *Phlox diffusa* (spreading phlox), *P. adsurgens* (woodland phlox), *Silene hookeri* (Hooker's pink), and *S. lemmonii*. Easy-to-moderate hiking. 1.75 hours from Roseburg, high clearance recommended. Leader: Chris Rush, USFS botanist (retired).



Lewisia leana

DONALD EASTMAN, COURTESY OF OREGON FLORA PROJECT

9. Limpy Rock RNA, Steamboat Falls, and Apple Creek CG

Participants will be treated to an excellent tour of the Ragged Ridge-Dry Creek Loop to learn about mycotrophic plants and see unusual and endemic flora such as *Kalmiopsis fragrans* (fragrant kalmiopsis), *Asplenium*

continued on page 9

Annual Meeting, *cont'd*

septentrionale (grass fern), and *Sarcodes sanguinea* (snow plant). Moderate.

Wear high-topped boots for scrambling off-trail on rocky slopes at 4000 ft.

1.5 hour drive from Roseburg, high clearance recommended. Leader: Dan Luoma.

10. Lookout Mountain

Hikes to great viewpoints like the open summit of Lookout Mountain don't come much easier than this. A rainbow of colorful flowers decorates the gravelly top and cliffs along the edge and attracts butterflies on sunny summer days. A small creek by the bottom of the spur road and other roadside open areas nearby provide plenty of unusual plants as well. There's balsamroot, *Phacelia verna* (spring phacelia), lots of *Fritillaria glauca* (Siskiyou mission-bells), and a grand show of annuals and bulbs (text courtesy of Tanya Harvey). Moderate hiking. 1.5 hour drive from Roseburg. Leader: Bruce Waugh.

11. North Bank Habitat Management Area (BLM) and Popcorn Swale Preserve (TNC)

First we'll visit the Popcorn Swale Preserve near Wilbur in North Douglas County and then drive to the North Bank Habitat Management Area. We'll look for *Plagiobothrys hirtus* (rough popcornflower) at two wet meadow prairies in Oak woodlands, also *Sidalcea cusickii* (Cusick's checkermallow), *Limnanthes douglasii* (Douglas meadowfoam), and unique prairie grasses and graminoids. Easy hikes (with water resistant boots). 15–30 minute drive



Plagiobothrys hirtus

GERALD CARR, COURTESY OF OREGON FLORA PROJECT

from Roseburg. Leader: Susan Carter, botanist with the Roseburg BLM office.

12. Tahkenitch Dunes—Threemile Lake

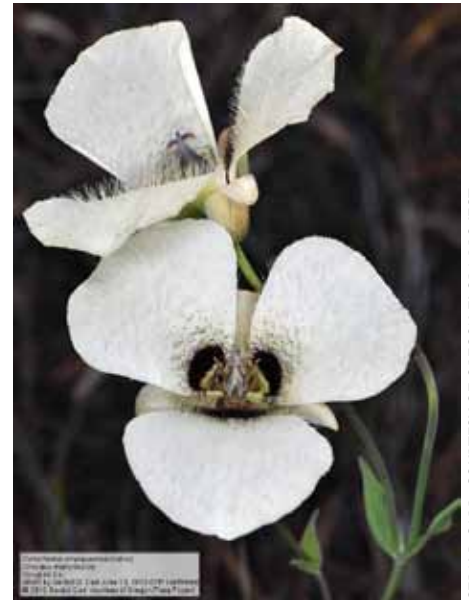
This is our only coastal field trip. See estuaries, deflation plains, beach dune plants, tideland, and forest flora in the Coast Ecological Province. Plants such as *Phyllospadix torreyi* (Torrey's surfgrass), *Zostera marina* (marine eel "grass"), *Lathyrus littoralis* (silky beach pea), and *Abronia latifolia* (yellow sand-verbena) may be encountered. The last two wildflowers are not recorded from the area on the Oregon Plant Atlas, so finding them would help better document their distribution. Bring binoculars to scout for *Sidalcea hendersonii* (Henderson's checker mallow) while crossing the Umpqua River estuary. On the return trip, a stop will be made at the Elkton Community Education Center, time permitting. About a 1.5 hour drive from Roseburg. Easy to moderate hiking. Leader: Marty Stein, USFS botanist.

13. Twin Lakes

The area is one of the jewels of the North Umpqua and it is worth seeing the stunning clear blue lakes and giant old growth trees regardless of the bloom. *Boykinia major* (large boykinia), *Eriogonum umbellatum* (sulphur buckwheat), *Leptosiphon nuttallii* (Nuttall's linanthus), and *Piperia unalascensis*, synonym of *Platanthera unalascensis* (Alaska rein orchid) are among the great diversity of wildflowers to be seen there (description courtesy of Tanya Harvey). About an hour drive from Roseburg. Three to four miles of hiking, easy to moderate. Leader: Sam Friedman, USFWS botanist.

14. Pyramid Rock

Pyramid Rock is one of a number of large rocks that pop out of the otherwise largely forested Western Cascades. It has one of the few populations of Columbia lewisia (*Lewisia columbiana*) south of the Columbia Gorge. Other rock garden plants include: cliff paintbrush (*Castilleja rupicola*), spring phacelia (*Phacelia verna*), cliff penstemon (*Penstemon rupicola*), and Sierra



Calochortus umpquaensis

GERALD CARR, COURTESY OF OREGON FLORA PROJECT

cliffbrake (*Pellaea brachyptera*). About a two-hour drive from Roseburg, high clearance required. Easy to moderate short hike. Leader: Tanya Harvey.

15. Roseburg Area Habitats

Explore the Umpqua's lowland valley and oak savannah flora in nearby areas with our local chapter's student of medicinal botanicals. Look for elegant calicoflower (*Downingia elegans*), tiger lilies (*Lilium columbianum*), larkspurs (*Delphinium species*), and rough popcorn flower (*Plagiobothrys hirtus*). The Veteran's Administration oak savannah will be a major stop. A trip to the herbarium at the Douglas County Museum of History and Natural History may be included. (Easy). Leader: Rod Trotter.

FRIDAY/SUNDAY ONLY

16. Wolf Creek Falls

Nestled among the big trees in an old-growth forest, this 1.2 mile trail leads to a cascading two-tier waterfall that plummets 75 feet into a pool. A variety of open rock face (i.e. *Delphinium menziesii*, *Mimulus guttatus*, synonym of *Erythranthe sp.*) and forest growing flowers (i.e. *Maianthemum stellatum*, *Prosartes hookeri*) are to be seen. About a 45 minute drive from Roseburg, easy to moderate short hike. Leader TBA.

Willamette Chapter Scholarship Announcement

STUDENTS, TAKE NOTE:

The Willamette Valley Chapter will once again be offering two scholarships for 3rd and 4th year students who will be enrolling in plant systematics or plant ecology at any Oregon college or university for the 2017-2018 school year. Two qualified applicants will be selected to receive \$1,000 from either the Augusta Rockafellar Memorial Scholarship Fund or the Jean Davis Memorial Scholarship Fund. Applications will be accepted by mail until June 1, 2017. Don't let this opportunity pass you by!

Rules for Scholarship Awards

1. Scholarships are available to students in Oregon colleges, planning their major study in plant systematics or plant ecology.
2. Scholarships are awarded in the

amount of \$1,000 to worthy students who will complete at least two years of satisfactory college work by July 1 of the year of receipt of application and are full time students. Graduate students may be eligible if they meet all qualifications except that of full time student.

3. Awards are made in the following manner:
 - a) A certificate is presented to the recipient.
 - b) A check in the amount of the award is submitted to the school of choice, as set forth in rule 1, to be used toward tuition within the following academic year.
4. If an award recipient fails to enroll, changes his or her major, or leaves the school before completing the period for which the award was granted, the full amount or unused part of the money shall be returned to the Memorial Scholarship Fund.

5. Applicants are required to submit:
 - a) In their own words, a statement of academic and career intent.
 - b) Two letters of reference from persons able to judge the student's ability to successfully complete study in the area of plant systematics or plant ecology.
 - c) Full academic record (transcript).
6. The Scholarship Committee Chair must receive all applications, together with items listed in rule 5, no later than June 1. The award will be made by July 1.
7. Scholarships cannot be granted to Scholarship Committee members or their relatives.

Please mail applications and the required documentation to:

Thomas Jenkins
Scholarship Committee Chairman
14380 Salt Creek Rd.
Dallas, OR 97338



Downyia elegans

Glide Wildflower Show April 29-30

The Glide Wildflower Show will close Native Plant Appreciation Week on April 29-30. The largest showcase of native flora in the Pacific Northwest, it will bring together over 600 species of wildflowers, shrubs, trees, mosses, lichens and ferns, all artfully displayed and labeled.

Knowledgeable speakers will make presentations throughout both days. Topics this year include orchid pollination, fungi-plant interactions, native bees, edible and medicinal plants, and native plant propagation. A botany professor will conduct a guided tour of the show on Saturday morning, and both days show collectors will lead a wildflower walk.

The show also has food, plants, and books for sale, plus special displays

of edible and medicinal plants, natural dyes, noxious weeds, beekeeping, spinning, and photos of endangered flowers.

Mark your calendar and make plans for a day or a full weekend. Visit the show, then continue up Highway 138, the Rogue-Umpqua National Scenic Byway, to see abundant wildflowers in their natural environment, dramatic waterfalls, and the spectacular wild and scenic North Umpqua River.

For details, go to www.glidewildflowershow.org.



NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name _____

Address _____

City _____ State _____ Zip+4 _____

Phone _____ E-Mail _____

Chapter (if known) _____

Is this a change of address? If so, please write your old address here:

Address _____

City _____ State _____ Zip+4 _____

Check to receive electronic *Bulletin*, sent by email in lieu of paper.

Please make checks for dues and contributions payable to:

NATIVE PLANT SOCIETY OF OREGON

Send completed form and full remittance to:

Native Plant Society of Oregon
P.O. Box 80714
Portland, OR 97280

DUES include monthly *Bulletin* and *Kalmiopsis* when published.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

New

Renewal

Student – \$12

Regular – \$25

Family – \$35

Sustaining – \$60

Patron – \$125

Life Membership – \$500

Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *Only for those who wish to subscribe, but do not want to have full membership status.*

CONTRIBUTIONS to NPSO are tax deductible.

Jean Davis Memorial Scholarship Fund \$ _____

Leighton Ho Memorial Field Botany Fund \$ _____

Augusta Rockafellar Memorial Scholarship \$ _____

Rare and Endangered Plant Conservation Fund \$ _____

Friends of the Oregon Flora Project \$ _____

Membership in the Native Plant Society of Oregon is open to all.

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to Membership@NPSOregon.org.

OFFICERS & COMMITTEE CHAIRS

STATE OFFICERS

DIRECTORS..... Mary Beth Averill, Susan Berger, Billy Don Robinson (to 6/2017); Thea Cook Jaster, Michael McKeag, Zak Weinstein (to 6/2018)
PRESIDENT Lisa Blackburn president@NPSOregon.org, 503-538-3976
IMMEDIATE PAST PRESIDENT..... Kelli Van Norman..... past_president@NPSOregon.org
VICE PRESIDENT Dan Luoma..... vice-president@NPSOregon.org; 541-752-8860
SECRETARY..... Steven Yeager..... secretary@NPSOregon.org; 541-521-3964
TREASURER..... Cyndi Dion 897 Hillview Dr., Ashland, OR 97520-3517; treasurer@NPSOregon.org; 541-482-8603

CHAPTER PRESIDENTS

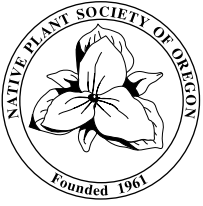
CHEAHMILL Lisa Blackburn ch_president@NPSOregon.org; 503-538-3976
CORVALLIS..... Judi Sanders co_president@NPSOregon.org
EMERALD (Eugene)..... Steven Yeager..... em_president@NPSOregon.org; 541-521-3964
FILIPENDULA Kathleen Sayce fi_president@npsoregon.org; 360-665-5292
HIGH DESERT (BEND)..... Amy Rosendahl..... hd_president@NPSOregon.org
KLAMATH BASIN Kim Elliott..... kb_president@NPSOregon.org; 541-331-5704
MID-COLUMBIA Sara Wu mc_president@NPSOregon.org
PORTLAND Linda Hardie..... po_president@NPSOregon.org; 503-309-8810
SISKIYOU Kristi Mergenthaler si_president@NPSOregon.org; 541-941-3744
UMPQUA VALLEY (Roseburg)..... Neal Hadley uv_president@NPSOregon.org; 541-679-8889
WILLAMETTE VALLEY (Salem) John Savage ww_president@NPSOregon.org; 503-399-8615
WM CUSICK (La Grande) Susan Geer..... wc_president@NPSOregon.org

STATE COMMITTEE CHAIRS

BUDGETS AND GRANTS Dan Luoma..... 5 NW Edgewood Dr., Corvallis, OR 97330; 541-752-8860
CONSERVATION, EAST SIDE..... Billy Don Robinson bdmeme@gmail.com; 503-515-1708
CONSERVATION, WEST SIDE..... vacant.....
FRIENDS OF OR FLORA PROJECT Linda Hardison..... 2082 Cordley Hall, Corvallis, OR 97331-2902; hardisol@science.oregonstate.edu; 541-737-4338
LEGISLATIVE Billy Don Robinson bdmeme@gmail.com; 503-515-1708
MEMBERSHIP..... Matt Morales P.O. Box 80714, Portland, OR 97280; membership@NPSOregon.org
NPSO FELLOWS..... Cindy Roché and Kareen Sturgeon fellows@npsoregon.org
RARE & ENDANGERED PLANTS Jason Clinch..... rareplants@npsoregon.org

PUBLICATIONS

BULLETIN EDITOR..... Erika Wedenoja..... bulletin@NPSOregon.org
BULLETIN PRODUCTION Cat Mead..... cat@featherforge.com
PUBLICATIONS COMMITTEE CHAIR Cindy Roché..... kalmiopsis@NPSOregon.org
WEBMASTER Sunia Yang..... webmaster@NPSOregon.org



Send change of address notices
and membership requests to:

Native Plant Society of Oregon
Matt Morales, Membership Chair
P.O. Box 80714
Portland, OR 97280

NONPROFIT ORG
US POSTAGE
PAID
EUGENE, OR
PERMIT NO. 204

RETURN SERVICE REQUESTED



TIME DATED MAIL



www.oregonflora.org

Friends of the Oregon Flora Project

Have you shared the opportunity to sponsor the *Flora of Oregon* with someone? We have received donations to support the production of 64 species treatments, 13 illustrations, and all the front chapter topics. We have reached out to organizations that include the Leach Botanical Garden, the Hardy Plant Society, and Master Gardeners. We need your help to complete the 3,192 species descriptions and ~800 illustrations of dicots that will appear in Volumes 2 and 3 of the *Flora*—please tell a friend, business, or organization you support about this great way to increase our knowledge of Oregon plants!

Contributions can be made online (www.oregonflora.org/supportOFP.php) or mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include “OFP” on the memo line.