



# Bulletin

of the

## Native Plant Society of Oregon

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

VOLUME 48, NO. 1

FEBRUARY 2015

### NPSO Annual Meeting, Hood River, May 29–31, 2015

The 2015 NPSO Annual Meeting will be hosted by the Mid-Columbia Chapter May 29–31 in Hood River. Hood River is located in the heart of the Columbia River Gorge, 65 miles east of Portland. Field trips will sample the flora on both sides of the Columbia.

The annual meeting venue will be the Best Western Plus Hood River Inn (BWHRI Inn, 541-386-2200), accessed via Exit 64 of Interstate 84. The Inn has excellent meeting facilities and catering, and it provides central access to field trip locations in all directions from Hood River. Visit [hoodriverinn.com](http://hoodriverinn.com) to see the Inn's other amenities.

The Hood River area is culturally and botanically rich. The Lewis and Clark expedition came across the

stream that is now the Hood River in 1805. By the early 1900s the town of Hood River was a local center for apple, pear, and cherry orchards. During the past decade, many vineyards and organic farms have joined the orchards. Microclimate diversity has supported the continued strength and variety of agricultural output, which can be sampled in local winery tasting rooms and at fruit stands in the Hood River Valley south of town.

Hood River lies midway between the moist rainforest of the western slopes of the Cascade Range and the arid eastern desert. There are numerous transition zones based on gradients of moisture, temperature, elevation and aspect, with corresponding plant communities. The steep walls of the Gorge,

and the average temperature difference from west to east, force winds to blow through this corridor, giving Hood River legitimate claim as a windsurfing and kite-boarding mecca.

The spring season will be well underway at the end of May. Indeed, we'll need to gain some altitude to find the best wildflower displays. Average temperature should be ~50 degrees, with highs in the upper 60s and lows in the mid 40s. Precipitation is possible, usually as a light rain – average rainfall for the month of May is 1.3 inches. Because of microclimate variation correlated with elevation and solar exposure, plan clothing for the specific field trip(s) you will attend. Higher elevation destinations will be cooler, as will wind-exposed areas. Layering is always advisable, as are sturdy shoes/boots and hiking poles.

Although a block of rooms has  
*continued on page 5*

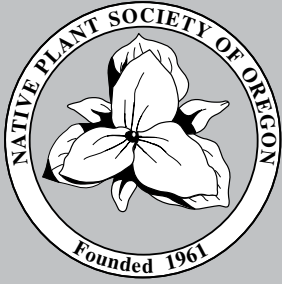


DON HARDIN

*Looking across the Columbia from upper Tom McCall Trail (field trip destination).*

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## Native Plant Society of Oregon

### World Wide Web

<http://www.NPSOoregon.org>

### E-mail Discussion List

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

### General Business Address

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Eugene, OR 97440  
or correspond directly with Officers  
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inside of the back page.

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tion are those of the authors of the  
articles. They do not represent the  
opinions of the Native Plant Society  
of Oregon, unless so stated.

## NPSO President's Message

by Kelli Van Norman

As I write this it is almost mid-January and I'm thinking ahead to the coming wildflower season. However, I'm not just thinking about where I'll go hiking and botanizing, though that is fun. I'm thinking about what I can DO. There are many changes happening in our ecosystems. NPSO members can help by being advocates for our native ecosystems. One of NPSO's goals is conservation of our native plants and habitats. And you can help. Help document where noxious weeds are. Help pull weeds. Keep informed about local land management activities. Does the local county park need assistance with a native plant restoration? Are they using native plants? I'm encouraging all NPSO members to look around, ask questions, and then pitch in. You can volunteer with your NPSO Chapter on the Conservation Committee or possibly re-activate the Conservation Committee. Coordinate with other local groups to leverage NPSO's good name. So think ahead about the coming wildflower season and consider how you can make a difference.

### IT'S STILL RENEWAL TIME!

The NPSO membership year is January to December. If you haven't already renewed for 2015, check your address label on this *Bulletin*. If you see 2014 printed along the top of the label, you need to renew. Your membership will lapse if you do not send in your dues soon. Renew now to make sure you don't miss receiving NPSO publications. NPSO brings you field trips, programs, classes, and the *Bulletin*.

## 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 directors positions. Interested persons and people with ideas for potential candidates may contact Dan Luoma by email ([daniel.luoma@oregonstate.edu](mailto:daniel.luoma@oregonstate.edu)) for more information.



## New EarthShare Oregon Liaison

Please welcome Debbie Spresser of the High Desert Chapter as our new NPSO-EarthShare Oregon liaison. Debbie has been a member of NPSO for several years. Last year she retired after 22 years as an environmental specialist with the Eugene Water & Electric Board, and she recently completed certification as an Oregon Master Naturalist (East Cascades) through OSU's Extension Service. Many thanks to Billy Don Robinson for filling this role the past few years, and continuing to serve on the board of EarthShare Oregon.

# NPSO CALENDAR

## State Notes

### NPSO Annual Meeting 2015

#### May 29-31, Friday-Sunday

The Mid-Columbia Chapter will host the 2015 Annual Meeting of the Native Plant Society of Oregon in Hood River. The state board meeting will be held on Sunday, May 31. Details and registration materials are in this *Bulletin* and online at <http://www.npsoregon.org/2015mtg/>. For information on student travel funds and other questions, contact [annualmeeting@npsoregon.org](mailto:annualmeeting@npsoregon.org).

## Blue Mountain

*For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244.*

**Meetings:** The chapter will meet on the 3rd Wednesday of the month, continuing on into next spring. All meetings will be in the Theater Room of The Prodigal Son Brewery in Pendleton.

#### February 18, Wednesday, 7 pm

**Meeting/Talk: First Foods.** Cheryl Shippentower will talk about her work as a botanist for the Confederated Tribes of the Umatilla, particularly regarding their First Foods program. Location: Theater Room at The Prodigal Son Brewery, 230 SE Court Ave., Pendleton. No-host food, drink and munchies available.

## 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](mailto:ch_president@NPSOregon.org).*

#### February 26, Thursday, 7 pm

**Program: Rock Stars of the Western Cascades.** Emerald Chapter member Tanya Harvey will show photos of rock-loving plants that grow in Oregon's Western Cascades. She will talk about the different types of rocky habitats, where they can be found, and share some good locations to look for

them. For information about her plant explorations, visit her website, [westerncascades.com](http://westerncascades.com). Tanya will bring her art, photo cards, and bird ornaments for sale (see [tanyaharveydesign.com](http://tanyaharveydesign.com)). Doors open at 6:45 pm for socializing, Meeting/Program starts at 7 pm. Location: Carnegie Room, McMinnville Public Library, 225 NW Adams St. (corner of Hwy 99W and SW 2nd St.). Parking lot entrances on Adams

### 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](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>

and 2nd. For more information contact: Lisa Blackburn, 503-538-3976 or [blackburnlisag@gmail.com](mailto:blackburnlisag@gmail.com).

#### March 26, Thursday, 7 pm

#### **Program: Botanical Gems of Alaska.**

Dr. Steven Carpenter, author of *Wildflowers of Marys Peak Meadows* and *Wildflowers of Bald Hill Meadows*, will share with us the unique habitats and plants encountered on his two month long Alaskan adventure that covered over 7,500 miles. He will discuss the diversity of habitats he visited, from the vast Taiga forests to plant communities considered as subalpine in Oregon, with a focus on the most beautiful and interesting plants of each. He will also touch on current uses of plants by Native Americans of the region as well as how to find some of these special places on your own. Doors open at 6:45 pm for socializing, Meeting/Program starts at 7 pm. Location: Carnegie Room, McMinnville Public Library, 225 NW Adams St. (corner of Hwy 99W and SW 2nd St.). Parking lot entrances on Adams and 2nd. For more information contact: Lisa Blackburn, 503-538-3976 or [blackburnlisag@gmail.com](mailto:blackburnlisag@gmail.com).

## Corvallis

*For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Jordan Brown at [co\\_president@NPSOregon.org](mailto:co_president@NPSOregon.org) or 253-820-3934.*

#### February 9, Monday, 7:30 pm

#### **Meeting/Talk: A Tale of Two Lilies.**

Jordan Brown will be speaking about native plant conservation in the state of Oregon, specifically showcasing two spectacular endangered lilies: the western lily and Gentner's fritillary. The ongoing work with these two species exemplifies how our efforts can help conserve and recover imperiled plants as we gain more knowledge about them and the threats they face. Location: Avery House in Avery Park. For information, contact Jordan at 253-820-3934 or [brownj@science.oregonstate.edu](mailto:brownj@science.oregonstate.edu).

**March 9, Monday, 7:30 pm**

**Meeting/Talk: The Study of Strawberries.** Dr. Aaron Liston, director of the OSU Herbarium, will present his lab's research on the genus *Fragaria*. Oregon is a hotbed for strawberry evolution, and he will share results from studies of our native species. In addition, he is collaborating on a project in China, and will describe his collection trip to Sichuan for wild strawberries. Location: Avery House in Avery Park. For information, contact Jordan at 253-820-3934 or brownj@science.oregonstate.edu.

## 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.

**Meeting Location:** Conference Room at Lane County Mental Health, 2411 Martin Luther King Blvd. Turn off MLK Blvd. onto Scout Access Rd. across from Autzen and take the first left into the parking lot. The meeting room is on the right side as you face the building.

**February 10, Tuesday, 10 am**

**Field Trip: Exploring Winter Branches.** Co-sponsored by the Mt. Pisgah Arboretum and NPSO. Ever wonder what plants you're looking at in winter? We'll examine and learn to identify the many trees and shrubs in the Arboretum in their winter stage, without leaves or flowers, and notice which ones are already breaking bud. The two hour walk along the river into the woods will provide a diversity of examples of beautiful branches and bud patterns for us to enjoy. Bring a hand lens and *Winter Twigs*, by H. Gilkey and P. Packard, if possible. Identification handouts will be provided by our trip leader Gail Baker. Location: 10 am at the Mt. Pisgah Arboretum Visitor Center. In south Eugene, turn off I-5 at 30th and go east on Seavey Loop Rd. For more information call 541-747-3817.

**February 19, Thursday, 7 pm**

**Program: Knobcone Pine and KMX (Knobcone x Monterey Pine Cross) in**

**Lane County.** Charlene Simpson tells us about recent Lane County sightings of knobcone pine further north than previously documented. We may have an identification problem. Perhaps we are seeing the hybrid knobcone x Monterey pine cross created by geneticists for the forest products industry. To be accepted for listing by the Oregon Flora Project a taxon must be reproducing and maintaining away from cultivation. Location: Conference Room at Lane County Mental Health, see above for directions. For more information call 541-349-9999.

**March 19, Thursday, 7 pm**

**Program: Eugene Natural Areas through the Seasons.** For the past decade, Eugene botanist Ed Alverson has been making weekly visits to photograph Eugene natural areas, choosing a different site every calendar year. For each year-long project, Ed selected 15 to 30 scenes to re-photograph every week. The resulting time series provide a view of seasonal changes over the year for a wide variety of habitats. Ed will present a selection of his photo sequences, describe his techniques, and discuss the value of repeat photography for natural history and conservation purposes. Location: Conference Room at Lane County Mental Health, see above for directions. For more information call 541-349-9999.

## High Desert

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

## Klamath Basin

For information on the Klamath Basin Chapter, visit <http://klamathbasinnps.com> or contact the chapter president, Melissa Schroeder, [kb\\_president@NPSOregon.org](mailto:kb_president@NPSOregon.org).

## Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at [mc\\_president@NPSOregon.org](mailto:mc_president@NPSOregon.org).

**February 19, Thursday, 7 pm**

**Program: News from Humble Roots Nursery.** Andrew Merritt will show slides and speak about some of the interesting projects and developments at Humble Roots Nursery, such as efforts to establish populations of Northern wormwood (*Artemisia campestris* var. *wormskioldii*) and production of *Cleome* (synonym of *Peritoma*) for pollinators. He will also share other nursery news and updates as appropriate. Location: PLEASE NOTE THE NEW MEETING ROOM. Room 1.354, Bldg 1, Columbia Gorge Community College, The Dalles.

## Portland

If you would like to receive the chapter's semi-official e-mail newsletter, The Calochortus, e-mail Don Jacobson at [donj-photo@gmail.com](mailto:donj-photo@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.

**Meeting location:** The Portland Chapter meets the second Thursday of most months in the Metro Building at 600 NE Grand Ave., Portland. Enter from NE Irving St. on the north side of the building and walk across the upper plaza to the entrance (not the door on 600 NE Grand Ave.). An attendant will let you in and direct you to the meeting room upstairs. Meetings and programs begin at 7 pm.

**February 12, Thursday, 7 pm**

**Program: (Rescheduled from November 2014) Forest Park: Portland's Greatest Natural Resource.** Biologist Marcy Houle will discuss the natural ecology of Portland's Forest Park, one of the world's largest urban parks and our nation's only urban wilderness. Marcy has researched Forest Park for over 30 years and will highlight its history, detail the five things that make this park unique, and explain how we, as stewards, can protect its native plants and animals. Marcy will be selling her book,

*One City's Wilderness: Portland's Forest Park* (3rd Ed). Meeting location: Metro building, see above for details. For information, contact Mary, alphiesmith@comcast.net or 503-288-4340.

### March 12, Thursday, 7 pm

**Program: Botanical Art: through History and Today.** Botanical artist Janet Parker will present an historical overview of botanical art, past, present, and even local. She will answer such questions as: Why did the accurate depiction of plant forms disappear for hundreds of years? What botanical artist had a thriving career in the court of Louis XVI and survived the French Revolution to become Empress Josephine's official artist? She will have some of her own botanical art on display, and will offer cards for sale by the Oregon Botanical Artists. Meeting location: Metro building, see above for details. For information, contact Mary, alphiesmith@comcast.net or 503-288-4340.

## 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](mailto: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 2015, make a suggestion, or provide feedback regarding the field trip program, please contact Sasha Joachims at: [sasharain71@gmail.com](mailto:sasharain71@gmail.com).

### February 19, Thursday, 7 pm

#### **Program: Fog Water Utilization by Coast Redwood Trees and the Implication for Climate Reconstruction.**

Dr. Roden from Southern Oregon University will discuss his current research on fog variation in coastal California and how fog can be used as a water source for some of the tallest living organisms as well as their associated species. He will also discuss how we can use variations in width and chemical composition (primarily stable isotopes of carbon and oxygen) of tree rings in coast redwood to understand fog and climate variation over the last millennium. Refreshments at 6:45 pm, meeting and program at 7 pm. Location: Southern Oregon University, Cascade Science Bldg. (the old Cascade Dorms), Room CSC 114 or Hawthorn Hall in Ashland. Contact Kristi: [coprolitemergie@yahoo.com](mailto:coprolitemergie@yahoo.com).

## South Coast

*This is a newly formed chapter. For more information, contact the chapter president, Alexis Brickner, [sc\\_president@NPSOregon.org](mailto:sc_president@NPSOregon.org).*

## Umpqua Valley

Visit [www.umpquavalley.npsoregon.com](http://www.umpquavalley.npsoregon.com) for more information on chapter activities or to be added to our email list.

## Willamette Valley

For program information, contact John

Savage at 503-399-8615 or Alexandra Ninneman at 503-391-4145.

### February 10, Tuesday, 6:30-8:30 pm

**Program: Plants and People: The Ethnobotany of David Douglas, 1825-1833.** Jack Nisbet, author and educator, will draw on David Douglas' observations on local use of plants during his travels in the Pacific Northwest and compare what Douglas found with what we see today in regional landscapes. Nisbet is author of *The Collector: David Douglas and the Natural History of the Northwest*. This talk is co-sponsored by the Willamette Chapter NPSO and the David Douglas Society. A book signing will follow the presentation. Location: Straub Environmental Learning Center, 1320 A. St. NE, next to Olinger Pool, near North Salem High. For information, call John Savage at 503-399-8615 after 7 pm.

## 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.

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*Annual Meeting, cont'd from page 1*  
been designated for NPSO, registrants are under no obligation to stay at the BWHR Inn. ***If you choose to stay at the Inn, please book your room by phone and indicate that you are coming for the NPSO meeting.*** There are three types of rooms available: single and double standard (no river view) at \$139 + tax, single and double river view at \$159 + tax, and a limited number of economy rooms at \$120 + tax. Single rooms have one queen bed; double rooms have two. All unreserved rooms will be released and rates will be higher on May 1.

There are many other in-town

lodging options and some camping possibilities within reasonable driving distance of the BWHR Inn. Please consult the meeting website, <http://www.npsoregon.org/2015mtg> for further information. At most of these venues, ***early reservations are a must.***

The annual meeting is open only to NPSO members. A membership form is available at the back of this *Bulletin* or can be downloaded from the meeting website. Alternatively, you can join via the registration form. Students interested in NPSO-sponsored travel funds should contact [annualmeeting@npsoregon.org](mailto:annualmeeting@npsoregon.org).

Check-in for the meeting will be 4–5:30 pm on Friday, May 29, as well as 7:00–8:30 am and 4:00–6:00 pm on Saturday. The check-in and information table will be on the main floor of the BWHR Inn on Friday and in the mezzanine foyer on Saturday. Meals, vendors, ice water and coffee, a no-host bar and programs will all be located in the Columbia Room of the BWHR Inn.

Friday afternoon field trips will leave from the parking lot of the BWHR Inn at noon or 1:00 pm, depending on the trip. Saturday field trips will leave from the same location  
*continued on page 6*

*Annual Meeting, cont'd from page 1*

at 8:30 am and return no later than 4:30 pm. Sunday field trips will leave at 8:45 am with varied return times. These trips are briefly described in this issue of the *Bulletin* and in more detail on the meeting website. You must be registered for the meeting to go on these trips.

Friday night activities will include an hors d'oeuvres buffet at 5:30, followed at 7:00 by introductory comments and a presentation by Jeanette

Burkhardt, watershed planner for the Yakama Nation fisheries: "Re-vegetating a century's sediments: a restoration effort on the former Condit Dam Reservoir (White Salmon River)." On Saturday night, the banquet will begin at 6:00 and be followed by a program to include the keynote address by Keith Karoly, professor of biology, Reed College: "The ecology and evolution of wildflower colors – more than meets the eye." The state board meeting will be 8:30 am–noon on Sunday at a

location to be determined.

Once again, we strongly encourage early registration, both for lodging and for the meeting. Please register for the meeting by May 1 — a late registration fee will be charged after that date. To attend the banquet, registration must be completed by May 20. The Mid-Columbia Chapter looks forward to your participation in the 2015 NPSO Annual Meeting.

## 2015 NPSO Annual Meeting Field Trips

All field trips will gather in the Best Western Plus Hood River Inn parking lot at the stated times and will return by 4:30 at the latest. Please note that mileage/time estimates are for round-trip (RT) travel and that Sunday field trips will be variable in duration.

Trips will generally have no more than 12 people, so register early to get your preferred outings! Please refer to the meeting website <http://www.npsoregon.org/2015mtg/> for updates and more information about the field trips, including greater detail about each hike, which hikes are suitable for people with reduced mobility, what might be seen, photos, and links for maps, plant lists, and other information. For questions, email: [annualmeeting@npsoregon.org](mailto:annualmeeting@npsoregon.org).



DELL RHODES

*Close-up of flowers of Phoenicaulis cheiranthoides, top of Dalles Mountain Road, Wash., likely to be in bloom during the annual meeting.*

We ask that people carpool and riders share expenses. Over 6" vehicle clearance is recommended for gravel and dirt roads. Several destinations have very limited parking, others have parking fees. Many of the Washington destinations require crossing the Hood River toll bridge, which costs \$1 each way. Oregon State Parks (OSP) have a \$5 parking fee. Trips 30-4, 30-9, & 31-2 require a Washington State Parks (WSP) Discover Pass for each vehicle. Discover passes can be self-issued at the two parks but not at the Klickitat Wildlife Area; cost is \$10/day or \$30/year. We may have a few Discover Passes to share.

We will track weather predictions and snow levels – some field trips may need to be modified. Although we hope the weather will be dry and relatively warm, be prepared with rain gear and layers. The Gorge can be windy. Field trips at elevations of 2000' or more may be cool; above 3000' it will be cool. Bring plenty of water, lunch, sunscreen. Wear suitable shoes/boots and bring hiking poles, especially where recommended.

### Friday Field Trips

**The following two trips meet at 11:30 am, depart at noon.**

**29-1 Rattlesnake Falls, Wash. Leader: Will Bloch. EASY (~ 2 mi RT).** Walk from trailhead to falls is about 1.5 mi RT on an easily followed level path. The major botanical attraction is a very large population of *Paeonia brownii*.

An additional 0.5 mi RT level walk accesses a large population of *Penstemon barrettiae*. Drive: 42 mi (2 hrs) RT, ~ 8 mi gravel.

**29-2 Weldon Wagon Road, Wash. Leaders: Jeanne Demorest and Keyna Bugner. MODERATE (5.4 mi RT, 1340' gain/loss).** This well-maintained but sometimes narrow foot-tread trail samples several habitats and is a good site for a *Lomatium* diversity lesson, including *Lomatium suksdorfii*. Other special species include *Cypripedium fasciculatum*, *Lithospermum ruderale*, and *Viola sheltonii*. Drive: 18 mi (30 min) RT, mostly pavement.

**The following three trips meet at 12:30 pm, leave at 1:00.**

**29-3 Hood River Mountain Meadow, Ore. Leader: Heidi Venture. EASY (variable length 0.5 to 3 mi. RT).** About 0.25 mi on a utility road leads to open meadow, through which we can go north ~1 mi and/or south for less than 0.5 mi. Spectacular views. Likely blooms include: *Lomatium* spp., *Eriophyllum lanatum*, *Triteleia grandiflora*, plus endemics *Astragalus hoodianus* and *Lupinus latifolius x sericeus*. Drive: 12 mi (15 min) RT, final 2 mi dirt and potholed.

**29-4 Tom McCall Nature Preserve, Ore. Leader: Jude Russell. MODERATE (~3.5 mi RT, 1070' gain/loss).** Although known for early wildflowers,

there will still be flowers, especially at McCall Point. The trail travels through oak woodland to open meadow on top, with great views of the Gorge & beyond. It is often windy. Drive: 25 mi (40 min) RT, all pavement.

**29-5 Twin Tunnels, Ore. Leaders: Barbara Robinson and Elizabeth Stanek. EASY (~ 4 mi RT).** The Historic Columbia River Highway Trail is a mostly level paved trail 4.5 mi from end to end. We will hike from the Mosier trailhead as time allows, probably about 2 miles out and back. Expect to see *Eriogonum compositum*, *Eriophyllum lanatum*, *Penstemon barrettiae*, and more. Drive: 12 mi (15 min) RT on pavement. OSP parking fee: \$5.

### Saturday Field Trips

**All trips meet at 8:00 am and depart at 8:30 am.**

**30-1 Backroads of Goldendale/Sara Wu's Property, Wash. Leader: Sara Wu. EASY.** Road trip up the scenic Klickitat River with stops to view *Penstemon richardsonii*, *Lomatium* including *L. suksdorfii*, and displays of *Ceanothus*. At Sara's we may see *Cypripedium montanum* blooming and other forbs. Return can be over The Dalles Mountain Road, ~15 mi gravel, >1.5 hr with stops. To Sara's: 45 mi, ~1.5 hr with stops, 3 mi gravel.



Rattlesnake Falls, Klickitat County, Wash.  
(field trip destination).

DELL RHODES

**30-2 Backroads - The Dalles to Five-Mile Butte, Ore. Leader: Carolyn Wright. EASY.** Drive and hike to explore gradients of elevation and moisture that define the Cascades' east slope. Head out of The Dalles in scrub oak habitat; in Mt Hood NF explore the mosaic of habitats with short walks, including an easy hike to Five Mile Butte (4450'). Return via HR valley. Drive: ~80 mi RT, mix of pavement and gravel.

**30-3 Cape Horn, Wash. Leader: Cyndi Soliz. MODERATE (6 mi RT, 700' gain/loss).** Out-and-back trail to two overlooks with spectacular views of the Gorge, waterfalls, and many species of forbs, including showy displays of *Camassia* and *Delphinium*. Underway is an oak woodland restoration project at the Nancy Russell Overlook. EASY alternative: Hike directly to Nancy Russell Overlook, 0.75 mi RT, mostly level. Optional 0.75 mi RT to second *Delphinium*-rich overlook. Drive: ~72 mi (90 min) RT. When registering, please specify Cape Horn mod or easy.

**30-4 Columbia Hills NAP, Wash. Leader: Keyna Bugner. MODERATE (~5 mi RT, 500' gain/loss, some cross-country travel on steep slopes).** We'll have a chance to sample a variety of habitats and enjoy the associated flowers, which should be in full bloom. Great views. Poles advised for uneven ground. Drive: 70 mi (1.5 hr) RT, 15 mi gravel. WSP Discover Pass required.

**30-5 Conboy Wildlife Refuge, Wash. Leader: Don Hardin. EASY (3.8 mi loop).** The mostly level Willard Springs Trail loops along the edge of an open marsh and into pines. The preserve is managed primarily for birds and wildlife but also offers a diverse wildflower display, including several *Lupinus*, *Potentilla*, *Lotus*, *Corallorhiza*, and *Paeonia brownii*. Drive ~65 mi (1.75 hr) RT mostly pavement.

**30-6 Condit Dam Restoration, White Salmon River, Wash., Half-day. Leader: Jeanette Burkhardt. EASY (1/3 mi)** Loop through an active restoration project on the former reservoir

of Condit Dam. 7000 plants of 34 native species have been planted in riparian and upland areas. Learn about the challenges of revegetation after a century of inundation. Possible afternoon hike on Buck Creek Falls loop or work party. Drive: 16 mi (25 min) RT, on pavement.

**30-7 Deschutes River, Ore. Leader: Nancy Allen. MODERATE (5-mi loop).** After one mile on a terrace above the river, climb 50 ft. to join the steep Ferry Springs Trail and a shallow, slippery crossing of the spring outflow. Descend gradually to the old railroad bed. We'll return on the Blackberry Trail at river level. Flowers we may see include: *Balsamorhiza*, *Eriogonum*, *Erigeron*, *Lomatium*, *Phlox*. Drive: ~70 mi (1.25 hr) RT on highway. OSP parking fee \$5.

**30-8 Grassy Knoll, Wash. Leader: Susan Saul. STRENUOUS (4.5 mi RT, 1000' gain/loss).** A rolling ridge through wildflower meadows and conifer woodlands to a former fire lookout site. There's a small, but floristically diverse meadow at trailhead (EASY option), from which the trail climbs steeply to a display of *Penstemon rupicola*. After ~ 2 mi up and down, the broad summit of Grassy Knoll straddles the crest of the Cascades, offering views with westside and eastside species. Drive 60 mi RT, 14 mi (RT) on poorly maintained gravel.

**30-9 Klickitat Wildlife Area, Wash. Leader: Paul Slichter. EASY to MODERATE.** Hike up to 6 miles (most likely 4) on old roads and some cross-country on mostly flat terrain. Enjoy native vegetation not seen elsewhere near the Gorge. Rare species that may be seen include *Astragalus hoodianus*, *Lomatium suksdorfii* and *Penstemon barrettiae*. **WSP Discover Pass required.** Drive: 82 mi (~ 2hrs) RT, 1 mi gravel.

**30-10 Lichen Outing, Big Lava Bed, Wash. Leader: Andrea Ruchty. EASY.** A morning excursion to the big lava bed to find and collect lichens, followed by an afternoon workshop

continued on page 8

*Field Trips, cont'd from page 7*  
in Trout Lake, identifying what was found. Good, sturdy footwear needed for walking on lava. ~72 mi (~1.75 hr) RT.

**30-11 Monte Carlo (North Climb), Wash. Leader: Will Bloch. STRENUOUS (4 mi RT; 800' gain/loss, begin at 3200').** Initial 0.75 mi is very steep. Long pants and poles strongly recommended. Stunning meadow with views north and west, then short hike to mile-long ridge top with series of wildflower meadows. Possible second climb up the south end of Monte Cristo. Drive: ~ 57 mi (2 hr) RT, some on poorly maintained dirt. Over 6" vehicle clearance recommended.

**30-12 Oak Ridge Trail to Bald Butte, Ore. Leader: Teri Lysak. STRENUOUS (8.2 mi RT, ~ 1900' gain/loss).** Trail ascends via switchbacks through mixed oak/fir forest and open grassy oak savannah to join Surveyors Ridge Trail north to Bald Butte. Spectacular view and wonderful display of flowers, including *Arnica*, *Balsamorhiza*, *Cornus nuttallii*, *Delphinium*, *Fritillaria affinis*, *Lupinus*, *Prosartes hookeri*. Drive: 34 mi (40 min) RT on pavement.

**30-13 Panakanic Meadow and Rattlesnake Falls, Wash. Leaders: Joy Markgraf and Barbara Robinson. EASY.** Flat ground, some obstacles and off-trail walking. Wet! - rubber boots needed. Meadow is private land with showy camas and several rare plants. Joy is working to control invasives; preserving native species will be discussed. A short hike to Rattlesnake Falls will follow (see Friday 29-1). Drive: 42 mi (2 hr) RT, about half on good gravel and rough dirt. Over 6" vehicle clearance recommended.



DON HARDIN

*Lomatium suksdorfii*, an endemic of the mid-Gorge likely to be in bloom during the annual meeting.

**30-14 School Canyon Trail, Ore. Leaders: Kristin Currin and Drew Merritt. STRENUOUS 4+ mi RT (can be shorter).** Hike > 1000 ft gain/loss thru transition zone of the eastern Cascade foothills. Start in *Quercus garryana* woodland and head up an exposed ridge which can get hot if sunny, with diverse plants such as *Balsamorhiza*, *Eriogonum*, *Lomatium*, *Lupinus* and *Penstemon*, and then into *Pseudotsuga menziesii* forest with streams. Drive: ~120 mi (2.25 hr) RT, 20 mi gravel.

**30-15 Surveyors Ridge, Ore. Leaders: Christina Mead and Linda Cartwright. EASY or MODERATE (6-7 mi RT).** Ridge is the eastern boundary of the upper Hood River Valley. Trailhead at ~4000' elev. Great views and diverse botany. Optional is a short, steep, off-trail climb of Shellrock Mt. (4450'), for which poles are highly recommended. Drive: 40 mi (1.5 hr) RT, ~10% on well-maintained gravel.

### Sunday Field Trips

Meet at 8:30 am, depart 8:45 am. Return times variable.

**31-1 Bald Butte, Ore. Leader: Barbara Robinson. MODERATE (3 mi RT, 500' gain/loss).** Steep uphill on a rocky road for several 100' to the ridge-line, then follow a rocky trail northward to Bald Butte (3780'). Several habitats, with blooms resembling those seen earlier at lower elevations. Spectacular views. Hike will be slow-paced; poles recommended. Drive: 32 mi (45 min) RT on pavement.

**31-2 Brooks Memorial State Park, Wash. Leaders: Susan Saul and Paul Slichter. EASY (4 mi RT, 600' gain/loss).** A habitat-diverse gem for native plant enthusiasts. We may find, among others, *Cypripedium montanum*, *Balsamorhiza careyana* x *B. hookeri* hybrids, *Allium nevii*, *Wyethia amplexicaulis*, and *Toxicoscordion venenosum*. Dirt tracks and rough ground cross-country – trekking poles advised. Drive: 132 mi, (~2.3 hr) RT, all pavement. WSP Discover Pass required.

**31-3 Penny Ridge, Wash. Leader: Will Bloch. MODERATE (~ 2-mi loop).** Half off-trail on steep, rocky meadow/oak scrub, half on road. EASY option: A beautiful place to sit and enjoy. Remarkably diverse flora, including a large population of *Lomatium suksdorfii*. Poles strongly advised. Strong hikers who want an all-day trip could continue on their own to the Monte Carlo summit ridge (7 mi RT, 1000' gain/loss; see trip 30-9). Drive: 29 mi (~ 1.5 hr) RT, ~7 mi gravel. Alternate destination: Surveyors Ridge, Ore. (see trip 30-15) at leader's discretion.

**31-4 Pools and Ponds – Chenoweth Table, Ore. and Dalles Mountain Road Wash. Leader: Carolyn Wright. EASY (two 1+ mi hikes).** Visit vernal pools (probably past bloom) at Chenoweth Table, compare them with karsts along Dalles Mountain Road. We may see *Lasthenia glaberrima*, *Damasonium californicum*, and both *Downingia elegans* and *D. yina*. Drive: ~70 mi RT, mostly pavement.

**31-5 Russ Jolley I-84 Wayside, Ore. Leader: Elizabeth Stanek. EASY.** In 1989, Russ Jolley began this native planting of ~ 4 acres, located above the Columbia River just west of Mosier. Nearly 50 species, all found within one mile, were planted. Elizabeth has taken on care of this native plant restoration site with help from others. Drive: 10 mi (15 min) RT.

**31-6 Visit Local Native Plant Nurseries – Humble Roots Nursery, Mosier, Ore. and Milestone Nursery, Lyle, Wash. EASY.** Stop by and visit with owners Drew Merritt and Kristin Currin (Humble Roots), then Mo and Larry Miles (Milestone) to explore what it takes to propagate native species of the Gorge area. Both nurseries will have plants for sale. Drive: 16 mi RT to Humble Roots; 24 mi RT to Milestone.

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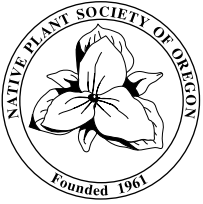
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