

# 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. 7

AUGUST/SEPTEMBER 2015

## 2015 Annual Meeting: Hot Times in Hood River

For about 80 NPSOers, the 2015 Annual Meeting began with one of nine Friday afternoon field trips. It was unseasonably hot. Indeed, it had been an early, dry spring, advancing bloom times throughout the region. Despite this, field trip participants saw lots of wildflowers blooming, if not always the species expected.

For example, on the east half of the Twin Tunnels trail, the foliage of both Columbia desert parsley (*Lomatium columbianum*) and pungent desert parsley (*Lomatium grayi*) was turning subtle orange, gold, and peach as the plants died back, but broadleaf stonecrop (*Sedum spathulifolium*), rein orchid (*Platanthera unalascensis*), fringe-cup (*Tellima grandiflora*), blue elderberry (*Sambucus cerulea*, synonym of *Sambucus nigra* ssp. *caerulea*), deerbrush (*Ceanothus integerrimus*), mock

orange (*Philadelphus lewisii*), and ocean spray (*Holodiscus discolor*) were blooming. There was also a rare sighting of plains mustard (*Schoenocrambe linifolia*, synonym of *Sisymbrium linifolium*) on a cliff at the entrance to the tunnel.

At Rattlesnake Falls, most blooming plants were in the process of setting seed. This included the large population of Brown's peony (*Paeonia brownii*), which normally blooms in early May. There were still a few *Delphinium nuttallianum* hanging on in the woods and a few blooming *Delphinium burkei* (synonym of *Delphinium distichum*) near a patch of wet meadow. There was still plenty of water at the falls, enough that much of the *Mimulus guttatus* (synonym of *Erythranthe* spp., yet to bloom) was under water. *Lotus pinnatus* (synonym of *Hosackia pinnata*) and *Physocarpus capitatus* were putting on a show at the creek edge. On the cliffs above the falls, some *Penstemon barrettiae* were still blooming.

Friday provided an unusual opportunity for those interested in restoration work. Condit Dam was breached on October 26, 2011, restoring the lower White Salmon River to "free-flowing" status, and draining a heavily silted former impoundment lake (Northwestern Lake). Jeanette Burkhardt's (watershed planner for the Yakama Nation Fisheries) on-site introduction to the project received numerous compliments from participants. Cyndi Dion, who had seen the site soon after the dam was breached, noted: "What a treat to get a 'before and after' view . . . Your descriptions of

. . . the thought that went into what was planted, how it is being mulched, weeded and maintained, and the hope for long-term establishment of a sustainable plant community were all music to my ears. . ."

Friday evening, at the Best Western Plus Hood River Inn (BWHR Inn, our meeting home base), we enjoyed a top-notch buffet of hors d'oeuvres, followed by introductions and a brief review of the history of the Mid-Columbia Chapter delivered by Jerry Igo. Then Burkhardt gave a presentation on the post-dam-removal restoration project, including a video of the explosion that breached the dam (search online for "Condit Dam removal video"). She described the implementation and evolution of the re-vegetation efforts, undertaken with the help of a grant from Ecotrust, PacificCorp (the dam/land owners), Yakama Nation Fisheries, Mid-Columbia Fisheries Enhancement Group and a

*continued on page 8*

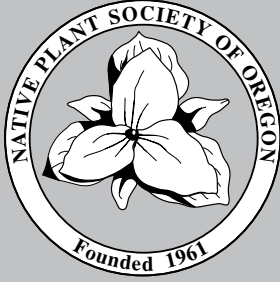


MARNA PORATH

Barbara Robinson on Bald Butte

### In This Issue

President's Message .....	2
2016 Annual Meeting.....	2
NPSO Calendar.....	3
Other Events.....	5
Name that Journal.....	5
ORBIC Revisions .....	5
Annual Meeting Thanks .....	6
NPSO Contacts .....	9
Friends of OFP.....	10



## 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](mailto: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](mailto: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.

## NPSO President's Message

by Kelli Van Norman

I am writing to all NPSO members who are federal employees, and who have donated to NPSO through the Combined Federal Campaign (CFC), to let you know that NPSO is no longer part of the CFC. This is not by choice.

Every year NPSO must fill out a re-affiliation package to be part of the CFC. For the fundraising season this coming fall we were surprised to find that CFC member requirements had changed. In prior years, a member group had to demonstrate a "Substantial Local Presence" or a "Substantial Statewide Presence." Now the only option is to have a "Substantial Local Presence," which is defined as having a "staffed facility, office or portion of a residence dedicated exclusively to that organization, available to members of the public seeking its services or benefits...must be open at least 15 hours a week and have a telephone dedicated exclusively to the organization."

I recently wrote a letter to the national CFC Director Keith Willingham, explaining how this is impacting NPSO. To minimize costs and do the "most good" with our small annual budget, NPSO does not maintain a staffed office. In fact, we have no paid staff. Through our statewide chapters, internet presence and email, the public easily finds NPSO. As President, I almost daily receive email addressed to [info@npsoregon.org](mailto:info@npsoregon.org) with questions and requests from the public. Additionally, NPSO has a post office box. Though we could easily get a dedicated phone line that forwards to a Board member, it is the staffed facility and associated costs that especially trouble us. Should we cut student internship funding, field research grants, or our support of the Oregon Flora Project to meet the CFC requirement? The CFC has always placed a high preference for nonprofits with low administrative and fundraising costs. It is puzzling that they have now excluded groups who take steps to limit their costs — by not paying unnecessary office rent — from being able to raise funds.

I have asked that the CFC re-establish the "Substantial Statewide Presence" provision for CFC member re-affiliation in 2016. Unfortunately, I have not yet received any response or acknowledgement of my letter. NPSO members who are federal employees and wish to donate to NPSO, please consider donating directly to NPSO. By the time this newsletter is published or soon after we will have web-based capability through PayPal to receive donations and renew memberships. Thanks to all NPSO members for renewing your membership every year and donating above and beyond to support Oregon's native plants and habitats.

### Reserve the Date!

2016 NPSO Annual Meeting,  
July 15–17, 2016  
McKenzie River Conference  
Center, Rainbow, Oregon

Emerald Chapter will host the  
2016 NPSO Annual Meeting  
on a private forested 46  
acre property near the majestic  
McKenzie River, a fifty-minute  
drive from Eugene.



Clarkia rhomboidea

DON JACOBSON

# NPSO CALENDAR

## State Notes

### State Board Meeting

**October 17, Saturday, 10 am-2 pm**

The next meeting of the NPSO State Board will be hosted by the High Desert Chapter in the Bend area.

### Annual Meeting 2016

**July 15-17, Friday-Sunday**

The Emerald Chapter will host the 2016 NPSO Annual Meeting on a private forested 46 acre property near the majestic McKenzie River, a fifty-minute drive from Eugene. Location: McKenzie River Conference Center, Rainbow, Oregon.

## Blue Mountain

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

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

**September 24, Thursday, 7 pm**

**Program: Mountain Islands in a Desert Sea.** Dave and Jan Dobak, with the NPSO Portland Chapter, will give us a look at northern Nevada's Ruby Mountains and Wheeler Peak, and California's Lassen Volcanic National Park. Doors open at 6:45 pm for socializing, Meeting/Program starts at 7:00. 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 Streets. For more information, contact Lisa Blackburn, 503-538-3976 or [blackburnlisag@gmail.com](mailto:blackburnlisag@gmail.com).

**October 22, Thursday, 7 pm**

**Program: 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. Doors open at 6:45 pm for socializing, Meeting/

### 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>

Program starts at 7:00. 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 Streets. 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@NPSOoregon.org](mailto:co_president@NPSOoregon.org) or 253-820-3934.*

## 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.

**September 17, Thursday, 7 pm**

**Program: Marvelous Milkweeds.**

Kevin Weitemier gives us an overview of the beautiful and unusual plant genus *Asclepias*, the milkweeds. Come to learn about the bizarre flowers of these plants and their close association with monarch butterflies. Included in the native milkweeds of Oregon is a recent discovery. Location: Conference Room at Lane County Mental Health, see above for directions. For more information call 541-349-9999.

**October 15, Thursday, 7 pm**

**Program: The Stunning Flowers and Landscapes of South Africa.** Bitty

Roy and Michael Wherley will show us why South Africa is where plant people go on pilgrimage. There are expanses of desert blooms, savannah and grasslands, odd forests, and the fynbos, a

Mediterranean shrubland with about 10,000 species, a large fraction of which are endemic. We will illustrate the flowers within the context of their landscapes, as well as some of their pollinators and herbivores. Location: Conference Room at Lane County Mental Health, see above for directions. For more information call 541-521-3964.

### Save the Date!

**November 19, Thursday, 7 pm**

#### **Program: Conserving Pollination Services in Tropical Forest Landscapes.**

Presented by Matthew Betts, professor of landscape ecology at Oregon State University.

## Filipendula

*This is a newly formed chapter for the northern Oregon coast area. For more information, visit our Facebook page: NPSO-Filipendula Chapter, where we post details about upcoming hikes.*

## 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).*

**August 15-16, Saturday-Sunday**

#### **Workshop: Botanical Illustration.**

Rebecca Brown-Thompson will teach a sketching workshop with an emphasis on plants. We will cover everything from contour sketching, to seeing negative and positive shapes, proportions, perspective (made easy), and tonal rendering. Saturday, 9 am to 4:30 pm, will focus on drawing skills in the studio and Sunday will be in the field. There is a \$25 course fee, class size limited to 8. Check our chapter website ([www.highdesertnpsoregon.org](http://www.highdesertnpsoregon.org)) for details.

## Klamath Basin

*For information on the Klamath Basin Chapter, visit <http://klamathbasinnps.com> or contact the chapter president, Kim Elliott, [kb\\_president@NPSOregon.org](mailto:kb_president@NPSOregon.org). 252.*

## Mid-Columbia

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

**September 17, Thursday, 7 pm**

#### **Meeting/Program: Transgenic Engineering: Biofuel Threat to Riparian Habitats in the Columbia River System, a Case Study.**

Presented by Billy Don Robinson, NPSO Legislative Committee Chair. Location: Columbia Gorge Community College, Building 1, Room 1.362, 400 E. Scenic Drive, The Dalles. For more information: Billy Don, 503-515-1708 or [bdmeme@gmail.com](mailto:bdmeme@gmail.com).

## Portland

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

**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.

**September 10, Thursday, 7 pm**

#### **Program: Revising Hitchcock and Cronquist's *Flora of the Pacific Northwest*.**

Published in 1973 by C. Leo Hitchcock and Arthur Cronquist, *Flora of the Pacific Northwest* has been a primary reference for identifying vascular plants in our region. However, rapid increases in our taxonomic knowledge have rendered the *Flora* outdated and unusable. Come learn about the University of Washington Herbarium's current effort to produce a second edition of the *Flora*, which will be fully updated

and expanded with additional species, current taxonomy, and many new keys and illustrations. Meeting location: Metro Building, see above for details. Contact: Mary at [alphiesmith@comcast.net](mailto: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 Julie Spelletich at: [jspelletich@gmail.com](mailto:jspelletich@gmail.com). Join us on Facebook at: [facebook.com/SiskiyouChapterNativePlantSocietyOfOregon](https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon).*

**September 17, Thursday, 7 pm**

#### **Program: The Bigfoot Trail: a Celebration of Klamath Mountain Flora.**

The Bigfoot Trail travels 360 miles across the Klamath Mountains, from the subalpine slopes of the Yolla Bolly-Middle Eel Wilderness to the temperate rainforest in Crescent City. Michael Kauffmann, the trail's originator, will take you on a photographic journey along the trail and celebrate both common and rare plants along the way—including 32 species of conifers. Michael's books (*Conifer Country*, *Conifers of the Pacific Slope*, and the just-released *Field Guide to Manzanitas*) will be available along with maps of the Bigfoot Trail. Refreshments at 6:45 pm, meeting and program at 7:00. Location: Southern Oregon University Campus (exact location TBD). Free and open to the public. For information, contact Dave at [davegarcia@charter.net](mailto:davegarcia@charter.net).

## 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 [umpquavalleynativeplants.com](http://umpquavalleynativeplants.com) for more information on chapter activities or to be added to our email list. Check out our Facebook page, [www.facebook.com/](http://www.facebook.com/)*

UmpquaValleyNPSO. Not online - call Donna Rawson 541-459-2821.

**T-shirts available soon.** Only \$15.00. We will have men's and women's in several sizes and colors, made of organic cotton. An image of our endemic *Calochortus coxii* graces the front. A sample can be seen on our Facebook page.

**Seeds available now:** We have showy milkweed (*Asclepias speciosa*) 2014 seeds available if anyone would like some to plant and help the monarch butterfly. We found how to grow instructions at monarchwatch.org/milkweed/index.htm.

We are planning field trips and events for the next few months. Check our Facebook page for dates and destinations or call Donna at 541-459-2821.

### Late Summer

**Meeting: Summer Potluck.** A late summer potluck is being planned, with the final date and time not yet scheduled. Hope to see a lot of our members and friends this year. Location: M.A. Hansen's house, 548 W Hickory St., Roseburg.

### Late Summer/Early Fall

**Class/Workshop: Herbarium Archiving.** Join us for a herbarium archiving class with instructor Erin Riggs, herbarium curator at Hoyt Arboretum. This will be a 3 hour class focusing on recommended archiving techniques of recently collected herbarium specimens. Location: herbarium in the Douglas County Museum. Call Donna Rawson, 541-459-2821, if you would like to attend this class or learn more about the herbarium.

### Willamette Valley

For program information, contact John Savage at 503-399-8615 or Alexandra Ninneman at 503-391-4145.

### 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

### Tiller Trails

July 28, Tuesday, 5-7 pm

August–September, Saturdays

**Field Trips: A Project for Ecology & Culture of the Klamath Cascades.**

As part of the South Umpqua Rural Community Partnership, Tiller Trails is dedicated to creating place-based educational opportunities designed to enhance our appreciation for this area. This summer's schedule includes wetland recovery, geology of Grasshopper Mountain, and more. Bring plenty of water and a lunch. Location: all field trips meet at Tiller Ranger District at 9 am. To register for events, call 541-304-5444. For more information, contact [fulloflife@surcp.org](mailto:fulloflife@surcp.org) or visit [bitly.com/TillerTrails](http://bitly.com/TillerTrails).



## Name that Journal Answers

Some suggested names for what became the *Kalmiopsis* journal are in the puzzle below.

1. CUSICKIA
2. OREGANA
3. CORYLUS
4. MAHONIA
5. FRITILLARIA
6. HOWELLIA
7. CALYPSO
8. CAMASSIA
9. CASCADIA
10. CORNUS

## ORBIC Revisions Underway

The Oregon Biodiversity Information Center (ORBIC) will be releasing a new version of their "Rare, Threatened and Endangered Species of Oregon" publication ([orbic.pdx.edu/documents/2013-rte-book.pdf](http://orbic.pdx.edu/documents/2013-rte-book.pdf)) in 2016. In preparation, a meeting to discuss recommended revisions to the plant and fungi section will be held at 9:00 am Friday, October 16, 2015, at Peavy Lodge in the Peavy Arboretum north of Corvallis (44.655783, -123.231057). The schedule has not been finalized so please check our website ([orbic.pdx.edu](http://orbic.pdx.edu)) in early October for any changes.

Recommendations for changes can include but are not limited to: new additions, removals, changes in

list placement, Heritage rank, or distribution. A summary of submitted recommendations will be posted on our website and discussed at the meeting. Learn more about Heritage list and rank meanings at [orbic.pdx.edu/rte-defs.html](http://orbic.pdx.edu/rte-defs.html).

Please send recommendations with justification and documentation prior to the meeting to: Sue Vrillakas ([sue.vrillakas@pdx.edu](mailto:sue.vrillakas@pdx.edu), 503-725-9950, PSU, Mail Stop: INR, PO Box 751, Portland, OR 97207). Contact Sue if you have any questions.



# THE 2015 ANNUAL MEETING HOST, MID-COLUMBIA CHAPTER, WISHES TO ACKNOWLEDGE THE GOOD WORK OF:

**Planning Committee:** Nancy Barron (Registrar), Don Hardin, Trish Hardin, Dell Rhodes (Chair), Elizabeth Stanek, Carolyn Wright (Field Trips), Sara Wu (Co-registrar, Vendors)

**Pre-meeting Assistance:** Nancy Allen, Will Bloch, Keyna Bugner, Paula Christy, Teri Lysak, Christina Mead, Barbara Robinson, Billy Don Robinson, Jude Russell, Krista Thie

## Field Trip Leaders:

### Friday

Paula Christy, Carolyn Wright	Columbia Hills State Park
Jeanette Burkhardt	Condit Dam Restoration
Don Hardin, Heidi Venture	Hood River Mountain Meadow
Will Bloch, Keith Karoly	Rattlesnake Falls
Nancy Allen, Jude Russell	Tom McCall
Teri Lysak, Barbara Robinson,	
Elizabeth Stanek, Billy Don Robinson	Twin Tunnels
Keyna Bugner, Cathy Flick,	
Joy Markgraf, Krista Thie	Weldon Wagon NAP

### Saturday

Nancy Barron, Sara Wu	Backroads of Goldendale
Joan Williams, Carolyn Wright	Backroads of The Dalles
Cyndi Soliz	Cape Horn
Keyna Bugner	Columbia Hills NAP
Jon Arp, Don Hardin	Conboy Wildlife Refuge
Nancy Allen, Bev Linde	Deschutes River
Kristin Currin, Drew Merritt	Fret Creek Trail
Donna Enz, Susan Saul	Grassy Knoll
Lu Pinson, Paul Slichter	Klickitat Wildlife Area
Jeanette Burkhardt, Andrea Ruchty	Lichens: Big Lava Bed
Will Bloch, Keith Karoly	Monte Carlo
Kim Hack, Teri Lysak	Oak Ridge Trail to Bald Butte
Joy Markgraf, Barbara Robinson	Panakanic Meadow & Rattlesnake Falls
Linda Cartwright, Brad Mead,	
Christina Mead	Surveyors Ridge

### Sunday

Donna Enz, Barbara Robinson	Bald Butte
Keyna Bugner, Don Hardin,	
Susan Saul, Paul Slichter	Brooks Memorial State Park
Kristin Currin, Drew Merritt	Humble Roots Nursery, Mosier, Oregon
Mo Miles	Milestone Nursery, Lyle, Wash.
Kate Conley	Mill Creek Ridge
Will Bloch, Keith Karoly	Penny Ridge
Joan Williams, Carolyn Wright	Pools & Ponds
Mary Bushman, Elizabeth Stanek	Russ Jolley I-84 Wayside

**Vendors:** Sue Allen (screen prints), Linda Hardison (Oregon Flora Project), Mary Rollins (watercolors), Cyndi Soliz (Cape Horn and Columbia Gorge Cooperative Weed Management Area), Frances Stilwell (book author), Corvallis Chapter NPSO t-shirts, Emerald Chapter NPSO t-shirts and mugs, Friends of Mt. Adams, Mt. Adams Resource Stewards, Suksdorfia Chapter of the Washington Native Plant Society.

**Best Western Hood River Inn:** everyone on staff, especially Robin Capra and Susan Lutton

NPSO website guru Sunia Yang and NPSO *Bulletin* editor Erika Wedenoja



*Frances Stilwell receives her NPSO Fellow award from Dave Dobak*

CRAIG P. MARKHAM



*Esther McEvoy receives her NPSO Fellow award from Dave Dobak*

CRAIG P. MARKHAM



BEV LINDE

*Rattlesnake meal, Deschutes trail*



BEV LINDE

*Hiking the Deschutes*



CRAIG P. MARKHAM

*The Chenoweth Tableland group*



DON JACOBSON

*Lotus pinnatus synonym of Hosackia pinnata*



DON JACOBSON

*Cypripedium montanum*



DON JACOBSON

*Frasera albicaulis*

For more of Don Jacobson's Annual Meeting photos, visit:

Klickitat Wildlife Area:  
[donjacobsonphoto.com/KlickitatWR/KlickitatWR.html](http://donjacobsonphoto.com/KlickitatWR/KlickitatWR.html)

McCall Point:  
[donjacobsonphoto.com/McCallPoint/McCallPoint.html](http://donjacobsonphoto.com/McCallPoint/McCallPoint.html)

Brooks Memorial State Park:  
[donjacobsonphoto.com/Brooks/Brooks.html](http://donjacobsonphoto.com/Brooks/Brooks.html)

Annual Meeting, *cont'd*

small army of mostly local volunteers. Challenges included the abnormal pH of the remaining soil, the lack of irrigation, damage to plantings induced by browsing deer and blow-down of protection tubes. After two years the overall survival rate was a bit higher (53%) than expected, including more shrubs and white oaks than predicted, but 0% of the Douglas firs. Burkhardt attributed the past and continuing success of the project to the high level of community involvement – unremarked were the effects of her energy and leadership.

On Saturday morning, over 150 eager botanists mustered in the parking lot of the BWHR Inn, and 14 field trips departed. The following are some reported highlights.

There were several sightings of rare plants. Mountain lady slipper (*Cypripedium montanum*) was observed in bloom at Sara Wu's property west of Goldendale and at Little Bowman Creek (Klickitat Wildlife area). Phantom orchid (*Cephalanthera austiniiae*) was found at the Conboy National Wildlife Refuge and at Little Bowman Creek. Rosy owl clover (*Orthocarpus bracteosus*) was observed at Conboy National Wildlife Refuge and at Panakanic Meadow. Nuttall's quillwort (*Isoetes nuttallii*) was also seen at Panakanic Meadow. Douglas' sunflower (*Helianthella uniflora*) and streambank globemallow/hollyhock



DON JACOBSON

Phacelia

(*Iliamna rivularis*), the latter not yet in bloom, were found at Monte Carlo. Tall bugbane (*Cimicifuga elata*) was observed at Cape Horn and smooth goldfields (*Lasthenia glaberrima*) at the vernal pool on Chenoweth Table.

Some sites provided opportunities to do direct comparisons of different species within a genus. At Panakanic Meadow, a 65-acre wetland on private property, owner Joy Markgraf showed: Six species of buttercup (pressed examples), two in bloom were birds-beak (*Ranunculus orthorhynchus*) and white water (*Ranunculus aquatilis*); Growing right next to each other: large camas (*Camassia leichtlinii*) and common camas (*Camassia quamash*); Two easily confused cinquefoils: graceful cinquefoil (*Potentilla gracilis*, native) and sulfur cinquefoil (*Potentilla recta*, invasive nonnative). At Little Bowman Creek, there were three types of Clarkia: diamond clarkia (*C. rhomboidea*), slender clarkia (*C. gracilis*), winecup clarkia (*C. purpurea*).

On one unusual and highly praised trip led by Andrea Ruchty, a botanist with the US Forest Service, participants collected lichens in the morning and then studied these under microscopes in the afternoon. Enthused participants suggested that similar educational experiences could be included every year.

Among the most frequently seen were lilies: *Brodiaea congesta* (synonym of *Dichelostemma congestum*), *Triteleia hyacinthina*, *T. grandiflora* ssp. *howellii*, *Lilium columbianum*, *Calochortus subalpinus*; buckwheats: *Eriogonum compositum*, *E. sphaerocephalum*, *E. umbellatum*; sedums: *Sedum stenopetalum*, *S. oregonense*, *S. divergens*, as well as various lupines and penstemons.

At some destinations, wildlife added to the treasures seen. The group at Cape Horn was able to identify the song of a lazuli bunting. Bruce Newhouse commented on the plethora of butterflies along the ridgeline of Monte Carlo, such as sara orangetips, pale swallowtails, and green hairstreaks as well as several beetles and a metallic-green *Osmia* bee pollinating penstemons. Finally, this was the year of the snake. Hikers at the Deschutes River discovered a rattlesnake ingesting a

mid-sized rodent. On Friday afternoon, the outing to Rattlesnake Falls got a slow start when a garter snake devouring a fledging junco was discovered at the edge of the parking area.

The Hood River Inn provided a sumptuous buffet for the Saturday evening banquet. The subsequent business meeting included: (1) acknowledgment of and hearty congratulations on the publication of the first volume of *Flora of Oregon*, now available for pre-order, (2) the swearing in of new officers, and (3) introduction of the newly selected NPSO Fellows, Esther McEvoy and Frances Stilwell, each of whom delivered a short speech.

An informative keynote address by Keith Karoly of Reed College capped the activities of the day. Karoly described a multidisciplinary scientific approach in which attention to pigment metabolic pathways and both classical and molecular studies of intergenerational color-trait transmission lead to an understanding of blossom color that transcends taxonomy and even blossom-pollinator interactions. Included in the newly demonstrated functions of blossom color are resistance to various environmental stressors, both biological (e.g., browsers and microbial parasites) and physical/chemical (e.g. UV and oxidant toxicity; ambient temperature, and drought), and mechanisms of speciation. Karoly's research program examines two types of larkspur that differ primarily in blossom pigmentation and show differing pollinator selectivity, heat tolerance, and geographic range. Are these two species or one species in the process of becoming two?

Seven more field trips departed from the Inn on Sunday morning. Of particular interest was a visit to the Russ Jolley Wayside on I-84 just west of Mosier. The trip provided a great opportunity to compare and contrast five species of *Lomatium*, and to add two plants to the then-existing list of 66 species to be found there: blue field gilia (*Gilia capitata*, in bloom) and green-banded mariposa lily (*Calochortus macrocarpus*, in bud).



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

## OFFICERS & COMMITTEE CHAIRS

### STATE OFFICERS

DIRECTORS..... Sam Friedman, Linda Hardison, Kevin Weitemier (to 6/2016); Mary Beth Averill, Susan Berger, Billy Don Robinson (to 6/2017)  
PRESIDENT ..... Kelli Van Norman ..... [president@NPSOregon.org](mailto:president@NPSOregon.org)  
IMMEDIATE PAST PRESIDENT..... Judi Sanders ..... [past\\_president@NPSOregon.org](mailto:past_president@NPSOregon.org)  
VICE PRESIDENT ..... Lisa Blackburn ..... [vice-president@NPSOregon.org](mailto:vice-president@NPSOregon.org); 503-538-3976  
SECRETARY..... Rosalie Bienek ..... [secretary@NPSOregon.org](mailto:secretary@NPSOregon.org)  
TREASURER..... Cyndi Dion ..... 897 Hillview Dr., Ashland, OR 97520-3517; [treasurer@NPSOregon.org](mailto:treasurer@NPSOregon.org); 541-482-8603

### CHAPTER PRESIDENTS

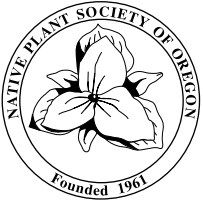
CHEAHMILL ..... Susan Aldrich-Markham ..... [ch\\_president@NPSOregon.org](mailto:ch_president@NPSOregon.org); 503-537-0587  
CORVALLIS..... Jordan Brown ..... [co\\_president@NPSOregon.org](mailto:co_president@NPSOregon.org); 253-820-3934  
EMERALD (Eugene)..... Steven Yeager..... [em\\_president@NPSOregon.org](mailto:em_president@NPSOregon.org); 541-521-3964  
FILIPENDULA ..... Kathleen Sayce ..... [fi\\_president@npsoregon.org](mailto:fi_president@npsoregon.org); 360-665-5292  
HIGH DESERT (BEND)..... Desiree Johnson ..... [hd\\_president@NPSOregon.org](mailto:hd_president@NPSOregon.org)  
KLAMATH BASIN ..... Kim Elliott..... [kb\\_president@NPSOregon.org](mailto:kb_president@NPSOregon.org); 541-331-5704  
MID-COLUMBIA ..... Sara Wu ..... [mc\\_president@NPSOregon.org](mailto:mc_president@NPSOregon.org)  
PORTLAND ..... Nancy Chapman..... [po\\_president@NPSOregon.org](mailto:po_president@NPSOregon.org); 503-234-0162  
SISKIYOU ..... Kristi Mergenthaler ..... [si\\_president@NPSOregon.org](mailto:si_president@NPSOregon.org); 541-941-3744  
SOUTH COAST ..... Alexis Brickner ..... [sc\\_president@NPSOregon.org](mailto:sc_president@NPSOregon.org)  
UMPQUA VALLEY (Roseburg)..... Neal Hadley ..... [uv\\_president@NPSOregon.org](mailto:uv_president@NPSOregon.org); 541-679-8889  
WILLAMETTE VALLEY (Salem) .... John Savage ..... [wv\\_president@NPSOregon.org](mailto:wv_president@NPSOregon.org); 503-399-8615  
WM CUSICK (La Grande) ..... Susan Geer ..... [wc\\_president@NPSOregon.org](mailto: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](mailto: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](mailto:hardisol@science.oregonstate.edu); 541-737-4338  
LEGISLATIVE ..... Billy Don Robinson ..... [bdmeme@gmail.com](mailto:bdmeme@gmail.com); 503-515-1708  
MEMBERSHIP..... Matt Morales ..... P.O. Box 80714, Portland, OR 97280; [membership@NPSOregon.org](mailto:membership@NPSOregon.org)  
NPSO FELLOWS..... Cindy Roché and Kareen Sturgeon .....  
RARE & ENDANGERED PLANTS ... Jason Clinch..... [rareplants@npsoregon.org](mailto:rareplants@npsoregon.org)

### PUBLICATIONS

BULLETIN EDITOR..... Erika Wedenoja..... [bulletin@NPSOregon.org](mailto:bulletin@NPSOregon.org)  
BULLETIN PRODUCTION ..... Cat Mead..... [cat@featherforge.com](mailto:cat@featherforge.com)  
KALMIOPSIS EDITOR ..... vacant..... [kalmiopsis@NPSOregon.org](mailto:kalmiopsis@NPSOregon.org)  
WEBMASTER ..... Sunia Yang..... [webmaster@NPSOregon.org](mailto: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](http://www.oregonflora.org)

## Friends of the Oregon Flora Project

14 November 2015, 4–8 pm

Save The Date!

*Flora of Oregon Volume 1* Celebration

Please join us in Corvallis for a celebratory evening to acknowledge and honor the many individuals that have helped to make Volume 1 of our *Flora of Oregon* a reality.

Enjoy a reception, brief program, buffet dinner, and book signing.

You won't want to miss this opportunity to share in the festivities! Details will be posted in future *Bulletins*, and on the Oregon Flora Project and NPSO websites.

Hope to see you there!