



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. 7

AUGUST/SEPTEMBER 2017

2017 Annual Meeting Recap: Land of Umpqua

For an in-depth recap and photos of one of this year's annual meeting field trips, visit Tanya Harvey's "Plants and Places" blog, westerncascades.com/2017/06/21/weather-woes-at-hemlock-lake

NPSO members traveled to the Land of Umpqua June 9–11 for the 2017 Annual Meeting, jointly hosted by the Umpqua Valley and Corvallis Chapters. This location, situated at a "botanical crossroads" between the California Floristic Province and the Vancouverian Floristic Province, combined with particular geological formations, allowed exploration of the high plant diversity in area, including many species near their northern or southern range limits and several species endemic to the region.

Five Friday field trips explored Beatty Creek, Bilger Ridge, North Bank,

Roseburg locales, and Wolf Creek. On Saturday, nine trips included hikes to Beatty Creek, Bilger Ridge, Fall Creek Falls, Hemlock Lake, King Mountain, Limpy Rock, Lookout Mountain, Tahkenitch Dunes, and Twin Lakes. Participants at higher locations were treated to a little snow (just enough to enhance the fun) but those at lower sites found primarily pleasant (if a bit drizzly) weather. Sunday's adventures trekked to the North Bank Preserve, Roseburg locales, Wolf Creek, Beatty Creek, and Bilger Ridge. Our knowledgeable field trip leaders included: Tanya Harvey, Bruce Waugh, Dan Luoma, Aaron Roe (botanist, Roseburg BLM), Sam Friedman (USFWS botanist), Ken Carloni (biology professor, UCC), Scot Loring, Chris Rush (retired USFS botanist),

Susan Carter (botanist with the Roseburg BLM office), Marty Stein (USFS botanist), and Rod Trotter.

Field trip participants were treated to views of the regionally unique endemic species, including *Calochortus coxii* (crinite mariposa lily, named for Marvin Cox), *Calochortus umpquaensis* (Umpqua mariposa lily), and *Kalmiopsis fragrans* (fragrant kalmiopsis) along with the threatened *Lupinus oregonus* (Kincaid's lupine). Noting some highlights from one trip, Gail Baker reports from the Limpy Rock hike:

"Although *Kalmiopsis fragrans* was just past peak-bloom we still enjoyed what remained of the delicate pink flowers. It was the variety of non-photosynthetic relatives, just starting to come up, that were the real delights: *Allotropia virgata* (candy stick), *Pterospora andromedea* (pinedrops), and *Hemitomes congestum* (gnome plant). Abundant

continued on page 8



Attendees at the annual meeting banquet.

DAN LUOMA

In This Issue

2018 Fellows Nominations...	2
New EarthShare Liaison.....	2
Donation Doubling.....	2
NPSO Calendar.....	3
Other Events	5
New Grass Key	5
New NPSO Members	6
NPSO Contacts	9
Friends of OFF.....	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, with the following in the body of the message: `subscribe npsos`

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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.

Call for Nominations for 2018 Fellows Award

The Fellows Committee has developed guidelines for recognizing NPSO members for their exceptional contributions to the Society. The award comes with a certificate of recognition and lifetime membership in the Society. The guidelines are available online at http://www.npsoregon.org/documents/NPSO_Fellows.4-4-16.pdf or by request from the Fellows Committee at fellows@npsoregon.org.

Nominations for the Fellows Award should be submitted to the Fellows Committee at fellows@npsoregon.org before December 31 (earlier submission is encouraged). Nominations must include an essay describing the nominee's accomplishments and a good quality digital photo of the nominee that is suitable for publication. The Fellows Committee will evaluate nominations that meet the submission criteria and recommend awardees to the State Board. Awards will be presented at the next annual meeting. Biographies and photos of recipients will be posted on the NPSO website.

New EarthShare Liaison

Please welcome Claire Carder, who has volunteered to be the EarthShare Oregon liaison. Claire is a long time NPSO member who recently retired. Claire lives in Portland and already knows Jan Wilson, executive director of EarthShare Oregon.

Your Employer May Double Your Donation

Thinking of contributing to NPSO? If you donate through EarthShare Oregon, your employer may pitch in too! Your employer may match your donation dollar-for-dollar! That's what these great companies have pledged to do:

American Express	Norm Thompson Outfitters
Axium	NW Natural
Datalogic	Moda Health
Entercom	Organically Grown Co.
Green Mountain Energy	Portland General Electric
Hewlett Packard	The Standard
Iberdrola Renewables	Toyota
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By giving through payroll contribution with EarthShare, you can spread your donation out over a year's time. No personal checks to write or credit card numbers to give out—the money is automatically donated from your regular paycheck.

To learn more about EarthShare Oregon and workplace giving campaigns, visit earthshare-oregon.org.

NPSO CALENDAR

State Notes

NPSO State Board Meeting

October 14, Saturday, 10 am-2 pm

The next State Board meeting will be hosted by the Mid-Columbia Chapter at the Hood River Library.

Save the (Changed) Date!

NPSO Annual Meeting 2018

June 1-3, Friday-Sunday

The next Annual Meeting will be co-hosted by the Portland and High Desert Chapters. Please note the date change: June 1-3, Friday-Sunday, in Prineville.

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@NPSOoregon.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.

August 26, Saturday, 10 am-noon

September 30, Saturday, 10 am-noon

Work Party: Native Plant Garden.

Join the NPSO Garden Crew working around the Carnegie Building. This mature native plant garden needs only a couple hours of crew work each month, as long as there are enough volunteers! Everyone learns how to identify local native plants vs. weeds. 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.

September 28, Thursday, 7 pm

Program: Native Conifers of Northwest Oregon. Using live samples and photographs, Oregon Master Naturalist Ken Denniston will help us learn to identify each of the 18 conifers native to northwest Oregon. Using a unique, staged approach to the topic, the presentation will include simple

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>

ways to easily distinguish each conifer as well as some tricks to help everyone remember the differences. For more information on the topic, visit Ken's website, nwconifers.com. Location: McMinnville Public Library, see above for details.

Corvallis

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

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.

September 29, Friday, 7 pm

Program: Travels in the Countryside of Russia. Presented by Dr. Nadja Nikolaeva of the Forest Research Institute of the Karelian Research Center of the Russian Academy of Sciences. She will take us to different regions in Russia including the North (Karelia, Murmansk), Central (Moscow, Pskov) and Far East (Sakhalin) and show different types of vegetation and landscapes, especially birch. This is Dr. Nikolaeva's first visit to Oregon. Co-sponsored by NPSO and the Obsidians. Location: the Obsidian Lodge located just southeast of Laurelwood Golf Course. Please visit obsidians.org for directions.

Stay Tuned!

October

Program: Little Shops of Horror—Oregon's Carnivorous Plants. Presented by Charlene Simpson. Location and date TBA.

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, coecarla@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, 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.

August 19, Saturday, 10 am

Field Trip: Umbrella Falls. Hike about 3 miles through a fir understory of anemones, bead lilies, strawberry, vanilla leaf, lupine, orchids, and huckleberries and bear grass in season. As the trail winds upwards look for alpine species including fleabane, asters, paintbrush, columbine, penstemons, shooting stars, and on a good day sixty+ species. We will leave cars for a shuttle after viewing Umbrella Falls or return

an extra 2 miles via the Sahalie Falls loop. Elevation gain is 1,325 feet. I have logged more wildflowers on this hike than anyplace else. Location: meet at parking area at 9:45 am; hike starts at 10 am. Please contact Don Hardin at donhardin2@gmail.com to sign up.

August 26, Saturday, 10 am

Field Trip: Young's Creek. This is a wetlands hike in Rooster Rock State Park. From Crown Point a waterfall makes a dramatic drop into Mirror Lake. Young's Creek runs from the east end of the lake for an easy stroll of about 2 miles. The resulting wetlands are rich with flora not seen in your usual habitat—wapato, sneezeweed, spotted jewelweed, cut-leaf blackberry (and Himalayan), and, regrettably, purple loosestrife. This area is currently under water and it will be interesting to see the effect of this year's flooding when and if the trail dries out. To sign up contact Don Hardin at donhardin2@gmail.com.

September 14, Thursday, 7 pm

Program: Endangered Lilies of Oregon. Jordan Brown will speak on the conservation efforts to protect habitat for two of Oregon's rare and endangered lilies, the Gentner's fritillary and the western lily. Jordan works with the Oregon Department of Agriculture's Native Plant Conservation Program and is based out of an OSU office in Corvallis. Location: Copeland Commons, TaborSpace, Mt. Tabor Presbyterian Church, see above for details.

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](https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon).*

September 21, Thursday, 7 pm

Talk: Restoration of the Endangered Western Lily on the Southern Oregon

Coast. Hannah Schrager, stewardship coordinator for the South Slough National Estuarine Research Reserve in Charleston, Oregon, will discuss the endangered Western lily (*Lilium occidentale*), its life history, conservation status, and the restoration efforts underway for this native plant found within a narrow 4-mile band along the Pacific coastline from Coos Bay to northern California. Hannah will also discuss some other interesting projects occurring in the southern coastal plant communities. Refreshments at 6:45 pm, meeting and program at 7:00. Location: Southern Oregon University Science Building, Room 161. Free and open to the public. For information contact Alexis at alexis.brickner@gmail.com or 860-878-2049.

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.

Willamette Valley

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

August 27, Sunday

Field Trip: Hawk Mountain

Huckleberry Hike. John Savage of the Willamette Valley Chapter and Straub Environmental Center will lead an all-day hike to munch on ripe huckleberries and view the late summer flowers of Hawk Mountain, near Detroit. The 4-mile walk (with 800 feet of elevation gain) also features old growth mountain hemlock, stunning views of Mt. Jefferson, and one of the last standing fire lookout cabins in Oregon. Bring sack lunch and water. \$10 for Native Plant Society members; non-members \$35, \$45 for families (includes one-year membership to Native Plant Society of Oregon). Transportation will be provided to and from the trailhead. Registration is required and limited to 10 participants. Register before Friday, August 25 at 5:00 p.m. For more information and to register, call 503-779-5414 or email

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.



New Grass Key Available

The "Identification Key to the Grasses of Northern California and Northwestern Nevada" booklet is now available from the *Carex* Working Group (CWG). CWG notes that this key includes all the grasses known to occur in Northern California from Lake and Placer counties north, and in the Washoe and Humboldt counties of Nevada. Common and scientific names (with authors) are provided for each species. Names used in both the Jepson Manual (version 2) and USDA PLANTS are provided where they differ. This key provides a different approach than the Jepson Manual key and includes some rare weeds not covered in that standard reference. Also included are illustrations of basic grass morphology, a glossary, and recommended resources for grass identification.

Prices for a single copy:

- Hard copy, \$20 + \$7 shipping and handling
- Hard copy plus PDF for personal use, \$35, shipping and handling included
- PDF alone, for personal use, \$10

Agencies wanting a multi-use license should contact *Carex* Working Group for a price quote.

To order, contact the *Carex* Working Group, cwg@peak.org, or 541-760-1311.

OTHER EVENTS

Oregon Wild and Umpqua Watersheds

August 23-29, Wednesday-Tuesday

Field Trip: Crater Lake Hike Bonanza. Join Crater Lake Wilderness Coordinator, Tara Brown, and local experts at Umpqua Watersheds to learn more about this unprotected gem. Meander through old growth forests, scenic vistas, wildflower meadows, and breathtaking waterfalls while learning about the threats and efforts to protect Crater Lake, both on and off the beaten track. Registration required for each hike and optional camping. Free and open to the public; consider making a donation so these hiking series can continue. For more information and to register, visit oregonwild.org/events/crater-lake-hike-bonanza-hiking-national-park-and-beyond.

Northwest Botanical Institute

October 9-12, Monday-Thursday

Workshop: Pacific Northwest

Bryophyte Identification. Designed for those with a strong botany background and basic knowledge of bryophyte structure and life cycles. This workshop will be four days of integrated lectures, field study, and lab practice. Participants must bring their own microscopes, critical dissecting tools, and personal laptop computers. More advanced students are encouraged to bring challenging or critical specimens for supervised study. Focus will be on the contemporary identification keys pertinent to our area. Location: Andrews Experimental Forest, Blue River, Oregon. Tuition is \$350 plus \$120 for lodging. Space is limited; early inquiry recommended. For more information and registration, contact David Wagner: davidwagner@mac.com.

Wallowa Land Trust

September 2, Saturday

Field Trip: Habitat Restoration on the East Moraine. Free and open to all ages. For more information, visit wallowalandtrust.org/index.php/events. Space is limited, to sign up, email intern@wallowalandtrust.org or call 541-426-2042.



SUSAN BERGER

Lupinus oregonus from the Bilger Ridge trip.

New NPSO Members

Please welcome these new members who joined NPSO between November 26, 2016 and July 9, 2017.

Cheahmill

Clyde Thomas
Sonya Wilkerson

Corvallis

Anita Albrecht
Loretta Bailey
Jean Fredrickson
Gary Gibson
Kristina Hauge
Pat Penfield
David Pengelley
Carolyn Peterson
Kathryn Pospisil
Elizabeth Reikowski

Emerald

Margaret Conover
Stephen Erickson
Karen Hall
Karen Morray
Cynthia Orlando
Saelon Renkes
Sue Sierralupe
Steven Soltesz
Cynthia Stockwell
Barbara Zeiger
Rachel Zitomer

Filipendula

Jim Border
Catherine Dunn
Deborah Jaques
Donald Johnson
Jeff Roehm
Pat Wollner

High Desert

Joan K. Amero
Tom Calderwood
Lynn Cervantes
Marcia Cogswell
Lindsay Frankfurt
James Gray

High Desert, continued

Ann Leschen
Debra Lumbert
Lisa Morton
Cynthia Murray
Coreen Prieto
Jason Rhodes
Karen Rich
Cheryl Skinner
Oscar Sorlie
Todd West

Klamath Basin

Heidi Anderson
Claire Ellwanger
Dan & Carmel Hawkes

Members At Large

Cynthia Hammond
Joshua Shindel
Anthony Waldrop

Mid-Columbia

Emilij Kao
Cheryl Wagner

Portland

Erica Antill
Jason Auer
Anne Barklis
Viswesh Bhat
Ling Chan
Roberta Cobb
Stephanie Collier
Brian Cook
Misty Cummings
Janet Davis
Wendy Gorton
Daniel Hostert
Daniel Kranowski
Kathie Leck
Carla Lilyquist
Sarah Madison
Coral Mirth Walker

Portland, continued

Melanie Nead
Wendy Smith Novick
Kathryn Oliver-Garnett
Susan Oretsky
Laura Paulini
Cathy Rakers
Edward Rosen
Mary Rutt
Cassie Ryan-Mapolski
Brandy Saffell
Bobbi Haley Seaborg
Joel Shaich
Gary & Eline Simantel
Rhea Singer
Emily Yokum

Siskiyou

Peggy Leviton
Shae Pastrana
Tom Pratum
Terry Ruitter
Joy Savoie
Marguerite & Jim Schellentrager
Joanne Smith

Umpqua Valley

Ken Carloni
W. Timothy Lange
Donald Morrison
Sandy Moyer
Jasmine Sitt
Branton Tatom

Willamette Valley

Heather Anderson
Robin Brandt
Rich Clark
Karen Freeman
Heather Pitts

Wm. Cusick

Meredee Lloyd

Because they are primeval, because they outlive us, because they are fixed, trees seem to emanate a sense of permanence. And though rooted in earth, they seem to touch the sky. For these reasons it is natural to feel we might learn wisdom from them, to haunt about them with the idea that if we could only read their silent riddle rightly we should learn some secret vital to our own lives; or even, more specifically, some secret vital to our real, our lasting and spiritual experience.

-Kim Taplin, Tongues in Trees: Studies in Literature and Ecology



CLAY GAUTIER

Even the fauna came out to greet the participants of the Limpy Rock trip (giant Pacific salamander).



DAN LUOMA

Hemitomes congestum (gnome plant) at Limpy Rock RNA.



NEAL HADLEY

Allotropa virgata from Tabkenitch Ditch trip.



GAIL BAKER

Limpy Rock trip leader, Dan Luoma . . . and Esther McEvoy moving in close for a shot.



JUDI SANDERS

Calochortus umpquaensis from the Bilger Ridge trip.



SUSAN BERGER

Calochortus tolmiei from the Bilger Ridge trip.



GAIL BAKER

Gail Baker says, "We hiked through a mixed conifer forest with gorgeous stately madrones, Arbutus menziesii, made even more stunning from the rain with glistening wet red trunks."

Annual Meeting, *cont'd*

populations of the ghost orchid, *Cephalanthera austini*, were also seen along the trail."

From another trip, Dana Field reports:

"Forest Service botanist Marty Stein led a walk through mixed coastal forest near Tahkenitch Lake out to some of the few dune areas left with historic plant communities. He explained that invasive European beachgrass (*Ammophila arenaria*) brought in to stabilize dunes has permanently changed this landscape and the habitats that depend on actively moving sand. The Forest Service has been controlling beachgrass in a few areas to maintain some remnant of this habitat. We observed several species typical of active dunes: *Poa macrantha* (seashore bluegrass), *Glehnia littoralis* (beach silvertop), *Aira praecox* (yellow hairgrass) [exotic], and *Lupinus littoralis* (seashore lupine). *Fragaria chiloensis* (beach strawberry) provided some tasty snacks. Other highlights of this hike included several species with adaptations to the nitrogen-poor sandy soil in the forested older dunes: *Allotropa virgata* (candy stick), *Boschniakia hookeri* (small groundcone) [synonym of *Kopsiopsis hookeri*], and *Peltigera* lichens with and without cyanobacteria. On the return trip, we enjoyed a stop at the Elkton native plant nursery and community education center."

Our host location was Phoenix School in Roseburg. Cindy Clark was the chef directing Phoenix students from the school's Culinary Arts Program in food preparation and service. The school even supplied vegetables from their own garden. Our Friday evening speaker, Dr. Ken Carloni, biology professor at Umpqua Community College, shared "Taking Back the Firestick: Humans, Fire and Becoming Indigenous."

On Saturday evening Carlos Figueroa, owner of Wild Rose Winery and Vineyard, served the wine and made donations of wine to the Oregon Flora Project silent auction as well as wine gifts to our presenters. Annual meeting attendees received wine glasses featuring *Calochortus umpquaensis*

drawn by Dorothy Schattenkerk. Sharon and Dennis Shearer served ales. The Saturday night keynote address was presented by Dr. Kevin Weitemier of the Center for Genome Research & Biocomputing at OSU (unfortunately for NPSO, he is moving to Arizona). Kevin explored how the technology of DNA sequencing allows us to investigate the history of plant species in ways that were impossible just a few years ago, creating insights about important conservation concerns, such as if 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.

All in all, it was a highly enjoyable annual meeting and demonstrated that two chapters can work together to

host annual meetings, allowing smaller chapters to participate in the hosting process and help us access diverse site locations across our fabulous ecological regions. Special thanks go to the local organizing committees. The Umpqua Valley committee was headed by chapter president, Neal Hadley, and also included M A Hansen, Donna Rawson, Ted and Dorothy Schattenkerk, Sam Friedman, and all the local chapter members who worked so hard to make local arrangements. The Corvallis committee was headed by chapter president, Judi Sanders, and also included Dan Luoma, Louise Marquering, Esther McEvoy, Susan Nicholas, and Joyce Eberhart, with special thanks to our web site creators: Ann Geyer and Sunia Yang.

A variety of amazing pictures from the field trips can be found at the following online sites:

Photos by Don Jacobson

- donjacobsonphoto.com/WolfCreekFalls/WolfCreekFalls.html (Features *Calochortus umpquaensis*)
- donjacobsonphoto.com/BeattyCreek/BeattyCreek.html
- donjacobsonphoto.com/BilgerRidge/BilgerRidge.html (Features *Calochortus coxii*)

Photos by Craig Markham

- <http://cpmarkham.zenfolio.com/p1046116334>



DAN LUOMA

Clay Gautier gazes across the Limpy Rock RNA landscape from beneath an impressive arch of hydrothermally altered igneous rock.



SUSAN BERGER

Calochortus coxii from the Bilger Ridge trip.

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..... Thea Cook Jaster, Michael McKeag, Zak Weinstein (to 6/2018); Dawn Anzinger, Alexis Brickner, Esther McEvoy (to 6/2019)
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VICE PRESIDENT Dan Luoma..... vice_president@NPSOregon.org; 541-752-8860
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TREASURER..... Cyndi Dion treasurer@NPSOregon.org

CHAPTER PRESIDENTS

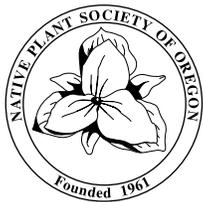
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PORTLAND Alix Danielsen..... po_president@NPSOregon.org; 406-666-7888
SISKIYOU Kristi Mergenthaler si_president@NPSOregon.org; 541-941-3744
UMPQUA VALLEY (Roseburg)..... Neal Hadley uv_president@NPSOregon.org; 541-679-8889
WILLAMETTE VALLEY (Salem) John Savage wv_president@NPSOregon.org; 503-399-8615
WM CUSICK (La Grande) Susan Geer..... wc_president@NPSOregon.org

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