



# Bulletin

of the

## Native Plant Society of Oregon

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

VOLUME 46, No. 2

MARCH 2013

### NPSO Annual Meeting July 26 – 28: Explore the High Elevation Flora of the Elkhorn Mountains

by Kent Coe

The 2013 Annual Meeting of the Native Plant Society of Oregon will take place in Baker City July 26-28. The Elkhorn Mountains will be the focus of the field trips with a couple additional trips to the Greenhorn Mountains, and other nearby mountain ranges. Many people see the Elkhorn Mountains while travelling I-84 between Baker City and La Grande, few people explore these mountains further. Consider this your opportunity to view some of the flora of Oregon that grows at high elevations.

The Elkhorn Mountains are a ridge of the Blue Mountains in Northeast Oregon that run mostly north-south. The northern part of the range consists of granodiorite, a form of granite, of the Bald Mountain Batholith. The southern part of the mountains formed undersea from mud and cherts and metamorphosed into argillites over 300 million years ago. While the Columbia River basalts define much of the Blue Mountains, basalt is lacking in the higher elevations of the Elkhorns. The Ice Age, ending about 11,000 years

ago, kept the Elkhorns Mountains well glaciated, creating the classic U-shaped valleys, and depositing moraines at the end of the glacial arms.

The First Nations people, the Cayuse, Nez Perce, and Shoshoni/Paiute, explored, hunted and gathered food in the Elkhorn Mountains long before Euro-Americans migrated to the area.

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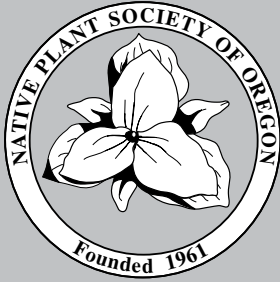


GENE YATES

*A beautiful view of Twin Lakes in the southern Elkhorn Mountains.*

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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 npsoc

### 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

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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.

## IF YOU HAVEN'T RENEWED YET FOR 2013 YOUR MEMBERSHIP WILL LAPSE SOON

Look at the label on this *Bulletin* and if "2012" appears along the top edge, this is the LAST *Bulletin* you will receive. If you don't want to miss out on any of this year's *Bulletins*, or the *Kalmiopsis*, please send in your dues payment right away!

## Co-Webmaster Opportunity

NPSO's current Webmaster is looking for someone interested in being Co-Webmaster for NPSO. If you've wanted to learn how to be a listmaster or webmaster, this is an opportunity.

Routine duties include:

- Manage email list subscriptions and aliases
- Update webpage with events and bulletins

Do as little or as much as you like:

- Design new pages for the annual state meetings
- Help chapters build new pages or redesign old ones
- Work on potential online membership

For more information, contact Sunia Yang, [webmaster@NPSOoregon.org](mailto:webmaster@NPSOoregon.org)

## Opening for *Kalmiopsis* Editor Position

by Cindy Roché, *Kalmiopsis* Editor

The most recent opening for an editor of *Kalmiopsis* was in 2000, so this opportunity does not come around very often. If the experience of being the editor of a classy botany journal is on your bucket list, then you should jump at this chance. The current editor will be stepping down at completion of Volume 20 in 2013, so the next editor can learn the system before taking over the leadership. Although the new editor will no doubt make a number of changes, he/she will find that all the infrastructure is in place for moving ahead seamlessly to produce the next issue. There are articles in the pipeline for publication, an experienced editorial board, a pagesetter who has done the layout since the first issue, a printer who reliably gives an excellent product at a fair price, and a mail service that adds labels and deals with the bulk mail without a glitch. Don't miss out on this rare opportunity; if you are interested, contact Judi Sanders at [president@npsoregon.org](mailto:president@npsoregon.org)

## 2013 NPSO Annual Meeting

The William Cusick Chapter will be hosting the 2013 meeting of the Native Plant Society of Oregon in Baker City from Friday, July 26 to Sunday, July 28. Emphasis will be on the plants of the nearby Elkhorn Mountains with field trips planned for many of the high elevations. Some of the near alpine plants that may be seen are *Geum rossii* and *Lomatium erythrocarpum*, both found in Oregon only in the Elkhorn Mountains. While many of the field trips will take place at elevations of 7,000 feet, there will also be some trips at lower elevations as well.

Save the dates of July 26 - 28, 2013, plan on attending the annual meeting in Baker City, and watch for the registration form and field trip information in the April *Bulletin*. Remember, only current NPSO members can attend Annual Meetings

# NPSO CALENDAR

## State Notes

### NPSO Board Meeting

**April 6, Saturday, Medford**

The next board meeting will be hosted by the Siskiyou Chapter in Medford (not Ashland, as initially indicated). The meeting will be followed with an afternoon hike to one of the Table Rocks. There may also be a Sunday morning hike at Rough and Ready Creek in the Illinois Valley. Meeting Location: Coyote Trails Jefferson Nature Center, 2931 S. Pacific Hwy..

### 2013 Annual Meeting

**July 26 - July 28, Friday - Sunday**

The William Cusick Chapter will be hosting the 2013 Annual Meeting of the Native Plant Society of Oregon in Baker City.

## Blue Mountain

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

## Cheahmill

*For more information, visit the chapter Web site, [www.oregon-nativeplants.com](http://www.oregon-nativeplants.com). To be added to the e-mail list for upcoming programs and events, please contact [cheahmillchapternpsoc@comcast.net](mailto:cheahmillchapternpsoc@comcast.net).*

**March 28, Thursday, 7 pm**

**Talk: Touting Trillium – Woodland and Shade Garden Essentials.** Lore, Myths and Much Much More. Terminology, propagation, culture and companions (if time allows). Emphasis will be focused on our Western species. Russell and Yvonne Graham have grown Trillium and other specialty woodland perennials since 1972. They operated a mail-order nursery near Salem for 25 years, emphasizing native perennials. Location: Carnegie Room, McMinville Public Library, 225 NW Adams St. (corner of HWY 99W and SW 2nd S.) Parking lot entrances on Adams and Second streets. Information: Bonnie Laux, 503-925-4960 or [bonlaux@gmail.com](mailto:bonlaux@gmail.com).

## Corvallis

*For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Alexis Brickner and Kevin Weitemier at [co\\_president@NPSOregon.org](mailto:co_president@NPSOregon.org) or 208-921-0827.*

**March 11, Monday, 7:30 pm**

**Talk: Post-fire Vegetation Dynamics**

### 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>

**in the Klamath-Siskiyou Region.** Dr. David Hibbs, Oregon State University professor in Forest Ecosystems and Society, looks at vegetation recovery 20 years after fire in the uplands with and without management, as well as the effects of fire suppression in riparian areas. Location: Avery House in Avery Park. Contact Alexis 860-878-2049 or Kevin 208-921-0827 for more information.

**April 8, Monday, 7:30 pm**

**Talk: Biological Soil Crusts: Charismatic Microflora.** Lea Condon, doctoral student at Oregon State University's Department of Botany and Plant Pathology, describes her work on the microflora of Oregon and the Great Basin. Location: Avery House in Avery Park. Contact Alexis 860-878-2049 or Kevin 208-921-0827 for more information.

## Emerald

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

**March 18, Monday, 7:30 pm**

**Meeting/Talk: Introducing the NPSO Citizen's Rare Plant Watch.** Erin Gray, the NPSO Rare and Endangered Plants Committee Co-Chair, will introduce NPSO's new citizen-science program, the Citizen's Rare Plant Watch. Get involved in the conservation of Oregon's rare species by searching for and documenting historical rare plant populations. Location: EWEB Training Room, 500 E 4th Ave., Eugene. For more information call 541-349-9999.

**April 4, Thursday, 9 am**

**Field Trip: Coyote Spencer Wetlands.** Ryan Ruggiero of the McKenzie River Trust (MRT) is giving a tour of Coyote Spencer Wetlands, several miles southwest of Eugene. MRT recently acquired this 161 acre parcel of land to protect rare plants and unique wetland habitat.



For more information and to sign up for this event, go to the MRT website at <http://mckenzie river.org/events/> or call 541-345-2799.

## Klamath Basin

For information on the Klamath Basin Chapter, contact Sarah Malaby at 541-884-5703 or [smalaby@cs.com](mailto:smalaby@cs.com).

## Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at [wusara96@yahoo.com](mailto:wusara96@yahoo.com).

### March 16, Saturday, 10 am

**Field Trip: Catherine Creek.** Joint outing with the Gorge Photography Club (<http://www.gorgephotography-club.com/home>). Please contact Don Hardin to sign up: [donhardin2@gmail.com](mailto:donhardin2@gmail.com), 509-493-4819.

### March 21, Thursday, 7 pm

**Meeting/Talk: Northwest Conifers.** Martin Nicholson, Hoyt Arboretum Collection Curator, will talk about Northwest conifers. New meeting location: Room 1366 (one floor above the Board Room), Building 1, Columbia Gorge Community College, The Dalles.

### April 2, Tuesday

**Field Trip: Catherine Creek and Major Creek Road.** Please contact Don Hardin for further information and to sign up: [donhardin2@gmail.com](mailto:donhardin2@gmail.com), 509-493-4819.

### April 18, Thursday, 7 pm

**Meeting/Talk: Lichens and other rare plants of the Gifford Pinchot.** Botanist Andrea Ruchty will present a slide show of rare plants, lichens, and bryophytes of the Gifford Pinchot National Forest. Learn how to identify lichens with collections to explore with your hand lens. The presentation will conclude with a synopsis of how botany is practiced in the Forest Service and how you can get involved in the management of your federal lands and rare plant conservation efforts. Room 1366, Building 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.

### March 14, Thursday, 7 pm

**Program meeting: Oregon's Native Orchids.** Oregon has over 30 native orchids! Join Chris Howard from the Oregon Orchid Society as he presents photographs from his personal collection and the Oregon Orchid Society. Discover what makes these treasures of our forests unique. Meeting location: Metro building at 600 NE Grand Ave., Portland. Enter the building at the south end of the upper plaza on Irving St. (not the door on 600 NE Grand Ave.). An attendant will let you in and direct you to the meeting room upstairs. Informal meeting at 7pm; formal meeting and presentation begin at 7:15pm. Contact: Mary Smith at 503-288-4340 or [alphiesmith@comcast.net](mailto:alphiesmith@comcast.net).

### March 17, Sunday, 8:30 am - 4:30 pm

**Field Trip: Catherine Creek.** The premiere early flower spot in the Gorge, where we will search for grass widows, yellow bells, prairie stars, toothworts, several desert parsleys, early glacier lilies and others. We'll try a different route than in years past with easy walking to 5 miles and 800 ft. elevation gain. Drive is 120 miles round trip. For more info contact Paul Slichter, 503-661-3292 or [pslichter@frontier.com](mailto:pslichter@frontier.com).

### March 21, Thursday, 9 am

**Field Trip: McCord Creek.** Early flowers at McCord Creek include *Synthyris*, *Douglasia*, and *Oemleria*. Driving is about 60 miles round trip. This is an easy hike of about 3 miles round trip with 500 feet elevation gain. Leave at 9 am; call leaders for meeting location: Jan and Dave Dobak, 503-248-9242.

### April 11, Thursday, 7 pm

**Program meeting: Palouse Prairie:**

**Identifying Remnant Habitat Patches.** Botanist Peggy O'Neill has been identifying sensitive plants and plant communities in response to a proposed Wind Power Project in southeastern Washington. She will present an overview of the history and current state of the Palouse Prairie habitat; including photos of its typical native species, such as *Penstemon confertus*, *Helianthella uniflora*, *Geranium viscosissimum*, and *Castilleja cusickii*. Meeting location: Metro building at 600 NE Grand Ave., Portland. Enter the building from Irving St. at the south end of the upper plaza (not the door on 600 NE Grand Ave.). An attendant will let you in and direct you to the meeting room upstairs. Informal meeting is 7pm; formal meeting and presentation begin at 7:15pm. Contact: Mary Smith at [alphiesmith@comcast.net](mailto:alphiesmith@comcast.net) or 503-288-4340.

### April 13, Saturday, 2 - 4 pm

**Field Trip: Nob Hill Nature Park.** Join the Friends of Nob Hill Nature Park and NPSO for an easy, low-key stroll through Nob Hill Nature Park (NHNP) to view Trillium and fawn lily in an area currently undergoing restoration. NHNP is a small oak woodland overlooking the Columbia River. Poison oak is abundant - long pants and long sleeves are suggested. This event is on, rain or shine. Location: Meet at the city of St. Helens' wastewater treatment facility, across from the park. At the Wal-Mart in St Helens, turn right on Gable Road toward the river. Bear right on Plymouth St., then bear right on Sixth, until you see the wastewater treatment plant on the right side. There is plenty of easy parking across from the park's main entrance. (For day of event only, call 503-349-8586.) A plant list is available by request by calling trip leader, Caroline Skinner at 503-248-9719.

### April 16, Tuesday, 8:30 am - 4:30 pm

**Field Trip: Eagle Creek to High Bridge.** We'll search for mosses, liverworts and lichens as well as calypso orchids, twayblades, spring-beauties, dutchman's breeches, gold stars, numerous blooming shrubs and others. Moderate hike but sections of exposure with sheer vertical drops to the creek. 6.4

miles and 840 ft. vertical gain. 85 mile drive round trip. NW Forest Pass needed. Signup restricted to 10 people. For more info contact Paul Slichter, 503-661-3292 or [pslichter@frontier.com](mailto:pslichter@frontier.com).

**April 28, Sunday, 11 am – 2 pm**

**Field Trip: Local Grasses.** We will ID local grasses at Rocky Butte State Park with Rick Shory, who has worked botanically with grasses since 1993. If this is your first time with grasses, you should choose one single species to learn; we hold these sessions on an on-going basis. Physical difficulty: Low. It is open and breezy so dress in enough layers to stay comfortable. Location: Rocky Butte State Park. Parking is along the ring road around the "castle" at the top (GPS: 45.546753, -122.565912). Contact Rick Shory for more info: [rickshory@gmail.com](mailto:rickshory@gmail.com) phone 503-253-8100, mobile (day of hike) 360-774-6593. Helpful to bring: Strong reading glasses (To serve as hands-free, binocular hand lenses). Your preferred plant key. Tweezers and/or probes. A portable surface to work on, to pick apart tiny structures. Knee pads. Lunch!

**May 18 & 25, Saturday, 8:30 am - 4 pm**

**Field Class: Learn to Use a Botanical Key.** Save the Date! Details will be in the April *Bulletin*. For more information or to sign up for the class, contact Nancy Chapman at [chapmannj@comcast.net](mailto:chapmannj@comcast.net).

## 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 2012, make a suggestion, or provide feedback regarding the field trip program please contact Sasha Joachims at: [sasharain71@gmail.com](mailto:sasharain71@gmail.com).*

**March 12, Tuesday, 7 pm**

**Program: Finding David Douglas.** Join the Siskiyou Chapters of NPSO and North American Rock Garden Society to enjoy a new documentary about 19th century Scottish botanist and plant-hunter David Douglas. This one-hour movie was produced by the

Oregon Cultural Heritage Commission. Location: Lidgate Hall, behind the Congregational Church of Medford at 1801 E Jackson St., Medford. Refreshments will be served. For more info see [www.siskiyousummits.weebly.com](http://www.siskiyousummits.weebly.com) or phone 541-772-8787.

**March 21, Thursday, 7 pm**

**Program: A Tale of Two Lilies – Rare Plant Reintroduction in SW Oregon.** Kelly Amsbury, plant conservationist with the Oregon Department of Agriculture, will discuss the reintroduction of two rare lilies: Gentner's fritillaria (*Fritillaria gentneri*) and Western Lily (*Lilium occidentale*). Location: Southern Oregon University, Science Bldg., RM 171. Free admission. Refreshments at 6:45 pm, meeting and program at 7:00 pm. Contact Kristi: 541.941.3744.

## Umpqua Valley

*Visit [www.umpquavalley.npsoregon.org](http://www.umpquavalley.npsoregon.org) for more information on chapter activities.*

## Willamette Valley

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

**March 19, Tuesday 7 - 8:30 pm**

**Program: Wildflower Adventures.** Mark Akimoff, natural area specialist with the City of Salem Public Works Department will discuss "Wildflower Adventures around Oregon and Southwest Washington." His talk will draw on his wildflower hunting experiences and will feature beautiful wildflowers from the Kalmiopsis Wilderness to the Willowa Mountains as well as Indian Heaven and places in between. Location: Straub Environmental Learning Center, 1320 A. St. NE, next to Olinger Pool, near North Salem High. Free and open to the public. 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 Laurie Allen at 541-805-0499 for updates and general information.*

## OTHER EVENTS

### Willamette Valley Hardy Plant Group

**March 12, Tuesday, 7 pm**

**Talk: Sadafumi Uchiyama, Garden Curator for the Portland Japanese Garden.** Sadafumi (Sada) is a third generation Japanese gardener. His traditional apprenticeship in Japanese gardening combined with formal training in Western landscape architecture enabled Sada to design and build a unique and wide range of private and public landscape projects. Doors open at 6:30 pm for book sales and viewing botanical samples. Admission is \$5 for non-members and free for members. Location: Campbell Community Center, 155 High St., Eugene. There is ample parking in the parking lot at the corner of 2nd Ave. and High St. For more information: call 541-344-0896 or visit [www.thehardyplantgroup.org](http://www.thehardyplantgroup.org).

### Eugene Natural History Society

**March 15, Friday, 7:30 pm**

**Presentation: A Plant Ecologist's Dream Trip: The Floral Diversity of Australia.** Gail Baker's pictures of Australian flora and knowledge of the landscape might encourage all of us to check out a botany class at Lane Community College where Gail is an Assistant Professor in the Department of Biology. Gail traveled to Southwest Australia Floristic Region (SWAFR) because of its reputation for exceptional plant diversity. She wasn't disappointed. Free and open to the public. Location: Room 100, Willamette Hall, UO Campus.

### Ashland Parks & Recreation – North Mountain Park Nature Center

**March 16, Saturday, 10 am - 12 pm**

**Class: Seed Starting & Plant Propagation.** Learn successful seed starting

methods so you will have a wider variety of plants for your gardens and save money at the same time. You will also learn how to propagate plants from cuttings and from layering. This is a hands-on class and all materials are provided. Instructor Jennifer Ewing owned and operated her own commercial nursery for ten years and was head propagator for Siskiyou Rare Plant Nursery for four years. Cost is \$12.00. Please register online at [www.ashland.or.us/register](http://www.ashland.or.us/register) or call the North Mountain Park Nature Center at 541-488-6606. Location: 620 N Mountain Ave. in Ashland.

## Portland Chapter, North American Rock Garden Society

**March 19, Tuesday, 7 pm**

**Meeting/Talk:** James Locklear will introduce us to many of the members of the genus *Phlox*. His recent book, *Phlox, A Natural History and Gardener's Guide*, is the first comprehensive account of this genus. With photos and descriptions of some of the 61 species of this sub-shrub, we will see many variations between them. Doors open at 7 pm and the meeting starts at 7:30; admission is always free. Location: Smile Station at 8212 SE 13th, Portland, one block south of the Tacoma intersection. Parking is on the street.

## Siskiyou Field Institute

**March 29 - 30 and April 10 - 12**

**Classes: Cladonia Lichens and Rare Vascular Plants.** Two professional-level courses are available - a study of *Cladonia* lichens and a class on vascular plants listed as rare or sensitive by government agencies. "Delving into the Lichen Genus *Cladonia*," taught by Daphne Stone runs March 29-30, and Scot Loring teaches "Rare and Sensitive Vascular Plants" April 10-12. To register or find out more, call the Siskiyou Field Institute at 541-597-8530 or email [institute@thesfi.org](mailto:institute@thesfi.org).

## Lane Community

## College (LCC)

**April 3 - May 22, Wednesday, 4-7 pm**

**Class: Spring Plant ID - Wildflower ID Outdoors.** Taught by Marcia Cutler of NPSO Emerald Chapter, this will be the 14th year for this class! We will focus on plant ID and keying and spend all our time in the field, meeting at areas within 20 miles of Eugene-Springfield. Subjects include plant families, botanical terminology, keying to a specific plant (using Gilkey and Dennis's Handbook of Northwestern Plants), habitat, ecology, etc. This is a community education class: no tests, no term papers (yea!) but no credit (boo). Any level of expertise is welcome, from beginners to more experienced folks who want to practice keying, etc. Class #1 meets at the LCC main campus, 4000 E 30th Ave. (building & room not set yet). For classes #2-8, we'll meet in various field locations. For more information, see the LCC Spring 2013 Catalog, ([www.lanec.edu](http://www.lanec.edu)) or contact Marci Cutler at 541-687-2559, [mar\\_c@efn.org](mailto:mar_c@efn.org). For info on registration, call the LCC downtown center 541-463-5252.

## Native Seed Network

**April 8-11, Monday - Thursday**

**Conference: National Native Seed.** Join us in Santa Fe, New Mexico for this unique conference! Trainings and presentations will cover a wide array of topics, from genetics and seed collection, to seed production and testing, to successful restoration. We're excited to announce two terrific field trips! Field trip #1 will focus on fire management and post-fire rehabilitation in the Jemez Mountains. Field Trip #2 will focus on plant materials production at the Los Lunas PMC and riparian restoration along the Rio Grande. The National Native Seed Conference is brought to you by the Native Seed Network, a program of the Institute for Applied Ecology. It is made possible by the support of our sponsors, in particular the Bureau of Land Management. Additional information and registration is available at [www.nativeseed.info](http://www.nativeseed.info).

## California Botanical Society

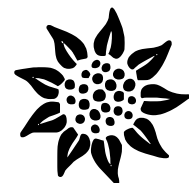
**April 12 - 14, Friday - Sunday**

**Conference: Botanical Frontiers: Past and Future.** Join us in Berkeley, California for the Centennial Symposium, social events, field trips, and the 24th annual Graduate Student Symposium. A panel of eight distinguished symposium speakers will present the most up-to-date understanding of topics including vegetation dynamics and management; evolution and historical biogeography; plant genetics and conservation; biology, impacts, and control of invasive species; and impacts of changing climate and fire regimes. Sunday's Graduate Student Symposium will showcase the research of tomorrow's leaders. For more information: [http://www.calbotsoc.org/centennial\\_symposium.html](http://www.calbotsoc.org/centennial_symposium.html) or contact [admin@calbotsoc.org](mailto:admin@calbotsoc.org).

## NW Lichenologists & The Cryptogam Biodiversity Observatory at SOU

**April 20-21, Saturday - Sunday**

**Workshop: Hepatics.** Dr. David Wagner will lead a two-day workshop on the hepatics of the Pacific Northwest. There is also an optional field trip on April 22. Dave has worked on hepatics for many years, and has written the illustrated Guide to Oregon Liverworts in web format. See his website for examples: [fernzenmosses.com](http://fernzenmosses.com). This workshop is open to all on a first-come basis, with space for only 12 people on the field trip. Workshop cost: \$200. Field Trip Cost \$50. For questions and reservation information, contact: [daphstone@gmail.com](mailto:daphstone@gmail.com) or [johnvillella@yahoo.com](mailto:johnvillella@yahoo.com). Location: Southern Oregon University in Ashland.





# Board Meeting Highlights

by Lisa Blackburn

The 2013 Budget was passed. Estimated income for 2013 is \$35,275, with \$25,979 brought forward from 2012, for a total income of \$61,254. Of the estimated income for 2013, \$23,700 is anticipated to come from membership dues and EarthShare Oregon contributions. Estimated 2013 expenditures total \$42,100. Major expenditures include the *Bulletin* (\$8,500); membership dues sent to the Chapters (\$8,400); *Kalmiopsis* (\$5,500); grants and internships (\$6,250); Oregon Flora Project and other contributions (\$5,700); and EarthShare Oregon dues (\$3,400). Committee and other miscellaneous costs complete the budget (\$4,350). New budget line items for 2013 include \$200 for a Rare and Endangered Species Workshop; \$600 for three student scholarships to attend the Annual Meeting; and \$200 for a Native Plant Conference.

The Nominating Committee is still seeking three people to run for the Directors-at-Large positions.

The NPSO Annual Report for 2012 was approved, and will be posted on the NPSO website. It will also be sent to EarthShare Oregon.

A new editor for *Kalmiopsis* is needed. Cindy Roché is stepping down as editor at the end of this year, and wants someone on board this year to help train them. The person should be a botanist to be able to properly proofread and ensure botanical information makes sense.

Charlene Simpson presented a written proposal to the NPSO Board to nominate an area in the Rogue-Siskiyou National Forest as the Veva Stansell Botanical Area. The Audubon Kalmiopsis Chapter is going through the same process right now. The Board passed a motion for Charlene to develop a letter with Audubon to nominate the area.

Board agreed to post information on scholarships and grants together and more prominently on the NPSO website.

The NPSO webmaster, Sunia Yang, is looking for a co-webmaster. Chapter Presidents should ask their chapters if

anyone is interested. Sunia was asked to give the Board a description of the duties and the skills needed.

Cecile Shohet (Rare and Endangered Species Committee) proposed putting together a committee to fundraise for a Scientific Conference, then possibly passing it to another nonprofit such as Institute for Applied Ecology to put it on. She mentioned the California scientific conference model is to have student presentations. It was suggested that a *Bulletin* article be developed. The Board passed a motion to form a NPSO Scientific Conference Committee, and to amend the proposed budget to add \$200 for this committee.

Cecile Shohet proposed developing a botanical education program of

weekend workshops that are skills-oriented. Objectives include networking, stewardship, and teaching about Oregon. Cecile suggests establishing a committee to come up with a strategic plan to see where we want to go as an organization and how we can educate people. It was suggested the NPSO membership be surveyed.

Cyndi Dion informed the Board that the Oregon Community Foundation asked us to apply to them as a 501(c)(3) organization. Cyndi sent the application, and is waiting to hear back from them.

The next board meeting will be April 6 in Ashland (hosted by the Siskiyou Chapter).

## Willamette Chapter Scholarship Announcement

### Students Take Note

The Willamette Valley Chapter will again be offering two scholarships for 3rd and 4th year students who will be enrolling in plant systematics or plant ecology at any Oregon college or university for the 2013-2014 school year. Two qualified applicants will be selected to receive \$1,000 from either the Augusta Rockafellar Memorial Scholarship Fund or the Jean Davis Memorial Scholarship Fund. Applications will be accepted by mail until June 1, 2013. Don't let this opportunity pass you by!

### Rules for Scholarship Awards

1. Scholarships are available to students in Oregon colleges, planning their major study in plant systematics or plant ecology.
2. Scholarships are awarded in the amount of \$1,000 to worthy students who will complete at least two years of satisfactory college work by July 1 of the year of receipt of application and are full time students. Graduate students may be eligible if they meet all qualifications except that of full time student.
3. Awards are made in the following manner:
  - a) A certificate is presented to the recipient.
  - b) A check in the amount of the award is submitted to the school of choice, as set forth in rule 1, to be used toward tuition within the following academic year.
4. If an award recipient fails to enroll, changes his or her major, or leaves the school before completing the period for which the award was granted, the full amount or unused part of the money shall be returned to the Memorial Scholarship Fund.
5. Applicants are required to submit:
  - a) In their own words, a statement of academic and career intent.
  - b) Two letters of reference from persons able to judge the student's ability to successfully complete study in the area of plant systematics or plant ecology.
  - c) Full academic record (transcript).
6. The Scholarship Committee Chair must receive all applications, together with items listed in rule 5, no later than June 1. The award will be made by July 1.
7. Scholarships cannot be granted to Scholarship Committee members or their relatives.

Please mail applications and the required documentation to:

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

The first Euro-Americans to view the Elkhorn Mountains were most likely those in the Astor Overland Expedition of 1811. The Wilson Price Hunt party of that expedition, including Pierre and Marie Dorian, passed through the Baker Valley and saw the Elkhorn Mountains rising nearly 5,000 feet above the valley floor. Their route was the prototype for the Oregon Trail, which started a major migration of peoples westward in 1842.

Gold was discovered in the 1860s, and many of the mines can still be seen throughout the Elkhorn Mountains. Some of the forest in the mid-elevations was logged for mine timbers and housing. The mineral prospecting impacted the vegetation additionally through the deposition of mine tailings on the hillsides and in the valley bottoms. The towns of Granite, Bourne, Sumpter, McEwan, and Auburn were all gold rush boom towns around the base of the Elkhorn Mountains.

While the gold rush was fading, domestic livestock use was increasing. Many of the high elevation hillsides were used intensively by cattle and sheep in the summers, to the detriment of the native plants. When the area came under the management of the U.S. Forest Service in the early 1900s, the unregulated livestock use was reduced, allowing the vegetation to slowly rebound.

Because of the decrease in plant matter caused by domestic ungulates in the late 1800s, the frequency and size of wildfires was reduced, impacting the native flora. The reduced frequency of wildfires allowed plants not accustomed to wildfires to increase, so today there are dense stands of grand fir where scattered ponderosa pines once thrived.

The Elkhorn Mountains are the headwaters for the Grande Ronde, Powder, and North Fork John Day Rivers. Much of the North Fork John Day watershed is a designated Wilderness Area. Other parts of the range are managed for back country recreation, so hiking, horseback riding, and ATV use intermingle. The highest point in



*Lomatium erythrocarpum* (red-fruit desert-parsley) in fruit. It is found only in the Elkhorn Mountains of Oregon.

the range is Rock Creek Butte, in the southern Elkhorns, at 9,106 feet. At the opposite end of the range is the Anthony Lakes ski area, with a base elevation of 7,100 feet, easily accessible by paved road.

Vegetation of the Elkhorn Mountains varies from dry, open ponderosa pine forests at the lower elevations, to Douglas-fir, grand fir, western larch and lodgepole pine forests at middle elevations, and subalpine fir and Engelmann spruce at higher, wetter sites. At the highest elevations, along wind swept ridges, are forests of white bark pine.

Some of the common alpine plants you can expect to see in the Elkhorns are *Arenaria aculeata*, (synonym of *Eremogone aculeata*, prickly sandwort), *Cassiope mertensiana* (mountain heather), *Castilleja chrysantha* (yellow Wallowa Indian paintbrush), *Castilleja flava* var. *rustica* (country Indian paintbrush), *Claytonia megarhiza* (alpine springbeauty), *Corydalis caseana* ssp. *cusickii* (Cusick's fumewort), *Phyllodoce empetrifolmis* (pink mountain heath), *Poa cusickii* (Cusick's bluegrass), *Polygonum phytolaccifolium* (synonym of *Aconogonon phytolaccifolium*, alpine fleeceflower), and *Rhodiola integrifolia* (synonym of *Sedum rosea* ssp.

*integrifolium*, ledge stonecrop). Also high in the Elkhorn Mountains are shrublands of mountain big sagebrush (*Artemisia tridentata* ssp. *vaseyana*).

A rare plant found in Oregon only in the Elkhorn Mountains is *Geum rossii* (Ross' avens) of the rose family. A species in the parsley family that has a restricted range in Oregon but is found in the Elkhorns is *Bupleurum americanum* (American thorough-wax). And, perhaps the rarest plant found only in the Elkhorn Mountains and nowhere else on earth is *Lomatium erythrocarpum* (red-fruit desert-parsley), restricted to an area between Pine Creek, Rock Creek, and Twin Lakes.

The Elkhorn Mountains provide a great opportunity to experience some of the high elevation plants found in Oregon. Hosted by the William Cusick Chapter, the NPSO annual meeting will be held in Baker City July 26-28, and offer many field trips to view these high elevation plants.



## Willamette Winter

by Denise Nervik

Winter swirls in, cloaked in rain and mist.

The native grasses, long dry from summer's drought

Lift slender stalks, green with gratitude,

And collect droplets of dew on their pointed tips.

The clouds part

Revealing intense blue.

Rays of purest sunlight pour through.

Magically, the droplets are transformed

Into sparkling diamonds all across the grass.

Then the mist swirls back. The diamonds disappear.

This is the winter we enjoy in the Willamette Valley of Oregon.



# 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 \_\_\_\_\_

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 Rockefeller 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).**

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IMMEDIATE PAST PRESIDENT..... David Lebo ..... [past\\_president@NPSOregon.org](mailto:past_president@NPSOregon.org); 503-622-2008

VICE PRESIDENT..... Billy Don Robinson ..... [bdmeme@gmail.com](mailto:bdmeme@gmail.com); 503-515-1708

SECRETARY..... Lisa Blackburn ..... [secretary@NPSOregon.org](mailto:secretary@NPSOregon.org); 503-538-3976

TREASURER..... Cyndi Dion ..... 897 Hillview Dr., Ashland, OR 97520-3517; [treasurer@NPSOregon.org](mailto:treasurer@NPSOregon.org); 541-482-8603

### CHAPTER PRESIDENTS

CHEAHMILL ..... Lisa Blackburn ..... [ch\\_president@NPSOregon.org](mailto:ch_president@NPSOregon.org); 503-538-3976

CORVALLIS..... Alexis Brickner & Kevin Weitemier ..... [co\\_president@NPSOregon.org](mailto:co_president@NPSOregon.org); 208-921-0827

EMERALD (Eugene)..... David Predeck..... [em\\_president@NPSOregon.org](mailto:em_president@NPSOregon.org)

MID-COLUMBIA ..... Sara Wu ..... 595 Hearthside Lane, Goldendale, WA 98620; [wusara96@yahoo.com](mailto:wusara96@yahoo.com); 509 773 7127

PORTLAND..... Nancy Chapman..... [po\\_president@NPSOregon.org](mailto:po_president@NPSOregon.org); 503-234-0162

SISKIYOU ..... Marcia Wineteer ..... [si\\_president@NPSOregon.org](mailto:si_president@NPSOregon.org); 541-897-0421

UMPQUA VALLEY (Roseburg)..... Donna Rawson ..... 4134 Goodrich Hwy, Oakland, OR 97462-9636; [uv\\_president@NPSOregon.org](mailto:uv_president@NPSOregon.org); 541-459-2821

WILLAMETTE VALLEY (Salem) .... John Savage ..... 1645 Church St SE, Salem, OR 97302-2908; [vv\\_president@NPSOregon.org](mailto:vv_president@NPSOregon.org); 503-399-8615

WM CUSICK (La Grande) ..... Susan Geer ..... [susanmgeer@gmail.com](mailto:susanmgeer@gmail.com)

Dick Austin..... [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..... Vacant.....

CONSERVATION, WEST SIDE..... David Lebo ..... [president@NPSOregon.org](mailto:president@NPSOregon.org); 503-622-3191 ext. 639

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..... Jan and Dave Dobak..... [jddobak@pcez.com](mailto:jddobak@pcez.com); 503-248-9242

RARE & ENDANGERED PLANTS.... Erin Gray & Cecile Shohet..... [ecgray830@gmail.com](mailto:ecgray830@gmail.com), [cshohet@gmail.com](mailto:cshohet@gmail.com)

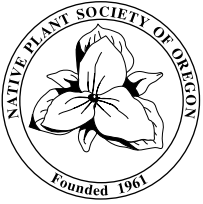
### PUBLICATIONS

BULLETIN EDITOR..... Erika Wedenoja..... [bulletin@NPSOregon.org](mailto:bulletin@NPSOregon.org)

BULLETIN PRODUCTION ..... Jocelyn Duffy..... [jocelynduffy@yahoo.com](mailto:jocelynduffy@yahoo.com)

KALMIOPSIS EDITOR ..... Cindy Roché..... P.O. Box 808, Talent, OR 97540; [kalmiopsis@NPSOregon.org](mailto:kalmiopsis@NPSOregon.org)

WEBMASTER ..... Sunia Yang ..... [syang895@yahoo.com](mailto:syang895@yahoo.com)



*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

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## Friends of the Oregon Flora Project

As we see it, the Oregon Plant Atlas has two objectives: (1) to provide as much quality data as we can, and (2) to distinctively show data of the very highest quality that is informing the writing of the Flora of Oregon.

To better meet the second objective, we have changed the default settings for Atlas mapping to display Oregon State University Herbaria specimens plus Other Herbaria “golden” records. These represent the vouchers which we can point to as solid examples of the concepts being presented in the Flora. With OSU being the home of the Oregon Flora Project, the specimens housed here receive extensive curation; frequently the floristic authors will review and annotate all of the specimens within the groups they are preparing. A distribution map based on these records truly represents the most researched and current information about Oregon plants available~anywhere! The options to map records from the other 34 herbaria we include, as well as unvouchered observations still exist. Simply indicate your preference by checking the appropriate box(es) immediately to the right of the plant name lists, click the “Create Map” button , and enjoy the results!

We appreciate your financial support of the Atlas and our overall program, which so many people find helpful in their work and recreation. Please consider a donation for the OFP! Contributions can be mailed directly to: Agricultural Research Foundation, Oregon State University, 100 Strand Ag Hall, Corvallis, OR 97331-2219. Please make checks payable to the Ag. Research Foundation, and include “Oregon Flora Project-4482” on the memo line.