



# Bulletin

of the

# Native Plant Society of Oregon

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

VOLUME 45, No. 2

MARCH 2012

## NPSO Annual Meeting July 13-15, 2012: Come Experience Southwest Oregon's Botanical Wonders!

*by Frank Lang, Emeritus Professor of Biology, Southern Oregon University, and NPSO Fellow*

The Siskiyou Chapter invites you to enjoy the botanical wonders of southwestern Oregon at the NPSO Annual Meeting to be staged out of the Siskiyou Field Institute's Deer Creek Center. Formerly a ranch along Deer Creek on the north side of Eight Dollar Mountain, this environmental education center is only a few miles west of Selma in the Illinois River Valley, Josephine County. In all directions, the diverse flora of this region awaits your exploration on foot or by vehicle. Wade across Deer Creek and stand in an extensive series of fens at the foot of Eight Dollar Mountain, dominated by forbs and graminoids, including rare endemic sedges. The most conspicuous inhabitant is California pitcher plant (*Darlingtonia californica*); its



NORM JENSEN

*Howell's mariposa lily (Calochortus howellii) is a showy perennial that begins blooming in June and can continue into August*

two-foot-tall cylindrical leaves contain a watery soup of dead and decaying insects. Other spectacular plants associated with these fens are Waldo gentian (*Gentiana setigera*), Vollmer's lily (*Lilium pardalinum* ssp. *vollmeri*), large flowered bog lily (*Hastingsia bracteosa*), yellow bog asphodel (*Narthecium californicum*), western azalea (*Rhododendron occidentale*), California coneflower (*Rudbeckia californica*) and California

*continued on page 8*

## Save the Date: Annual Meeting, July 13-15

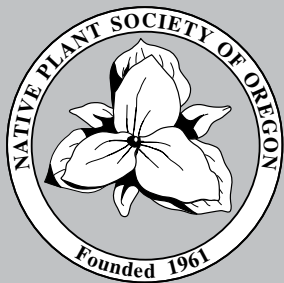
The Siskiyou Chapter is honored to be hosting the State Annual Meeting for the Native Plant Society of Oregon at Deer Creek Center in Selma, OR from July 13-15th, 2012. Our very special guest speakers will be Dr.



Susan Harrison - Serpentine Plant Diversity in the California Floristic Province (Including Southern Oregon) - and Dr. Linda Vorobik - Siskiyou Wildflowers: Art and Inspiration. The field trips will feature the high western Siskiyou with trips to Babyfoot Lake, Young's Valley, Tanner Lakes, Bigelow Basin and more. Registration and further information will be posted in the April *Bulletin*. The web site will also be available sometime in March. Remember: only current NPSO members can attend Annual Meetings.

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## 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  
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or correspond directly with Officers and Committee Chairs listed on the inside of the back page.

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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 2012, Your Membership will Lapse Soon

Look at the label on this *Bulletin* and if "2011" 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 *Kalmiopsis*, please send in your dues payment right away! You can use the membership form on the last (inside) page of the *Bulletin* if you can't find the remittance envelope we sent you in the December/January issue.

## ERRATA from NPSO Bulletin, February 2012

- **Phenology Matters: Phenology Research at Lane Community College** Citation omitted for Dioscorides quote published in February 2012 issue: Readers interested in reading the Dioscorides Essay may access it online: [www.therenaissanceman.org/images/DIOSCORIDES-Intro\\_Book\\_1.doc](http://www.therenaissanceman.org/images/DIOSCORIDES-Intro_Book_1.doc)
- **Botanical Destinations: Species highlighted Cook & Green Pass Trail and Lake Mountain Lookout, Klamath National Forest, California.** Scientific names of plants were omitted in the published article. For a more complete species list of this trip please email Gail Baker at [bakerg@lanec.edu](mailto:bakerg@lanec.edu). Plants noted at Cook and Green Pass include: California lilac (*Ceanothus integrifolius*), Shasta fir (*Abies magnifica* var. *shastensis*), knobcone pine (*Pinus attenuata*), Brewers spruce (*Picea breweriana*), cat's ear (*Calochortus elegans*), Klamath rushlily (*Hastingsia serpentinicola*), cliff maids (*Lewisia cotyledon*), quill-leaved lewisia (*L. leana*), paintbrush (*Castilleja pruinosa*), triteleia (*Triteleia crocea*), dwarf monkeyflower (*Mimulus nanus*), California lady's slipper (*Cypripedium californicum*), and primrose monkeyflower (*Mimulus primuloides* ssp. *linearifolius*). Plants noted at Lake Mountain Lookout include: foxtail pine (*Pinus balfouriana*), glacier Lily (*Erythronium grandiflorum*), and pasqueflower (*Anemone occidentalis*). Plants noted at Grinder Creek Campground include: purple-flowered Shasta lily (*Lilium washingtonianum* ssp. *purpurascens*) and chain fern (*Woodwardia fimbriata*).



Bigelow's sneezeweed (*Helenium bigelovii*) and Siskiyou paintbrush (*Castilleja elata*)

PHOTOGRAPHS BY NORM JENSEN

# NPSO CALENDAR

## State Notes

July 13-15, 2012

**2012 Native Plant Society of Oregon Annual Meeting.** Save the date! The 2012 NPSO Annual Meeting will be hosted by the Siskiyou Chapter at the Siskiyou Field Institute's Deer Creek Center, Selma, Oregon.

## Blue Mountain

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

At the moment, Blue Mountain chapter is still dormant. For additional information, contact Jerry Baker at 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 [cheahmillchapternpsocomcast.net](mailto:cheahmillchapternpsocomcast.net).*

**March 22, Thursday, 7pm**

**Talk: What Does the Oregon Flora Project Offer?** Linda Hardison, director of the Oregon Flora Project, will give a guided tour of the wealth of information housed in the Flora Project's website. She will show you how to use it and will also give an update on recent activities of the OFP and progress in the writing of the new *Flora of Oregon*. Location: McMinnville Library, Carnegie Rm., 225 N.W. Adams St., (Hwy 99 and N.W. Second St.), Contact: Paul Studebaker, 503-472-1868.

**March 25, 2012, Sunday, 10 am-12 pm**

**Work Party: Native Plant Garden.**

We can always use help with weeding, mulching, laying pea gravel and pruning the Native Plant Garden around McMinnville Public Library's Carnegie Building, where our meetings are held. Our chapter is now solely responsible for this demonstration garden's maintenance. Bring gloves and garden tools if you have them. Information: Susan Williams, 503-538-1865 or [helgesusan@comcast.net](mailto:helgesusan@comcast.net).

## Corvallis

*For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Esther McEvoy at [co\\_president@NPSOregon.org](mailto:co_president@NPSOregon.org) or 541-754-0893.*

**March 3, Saturday, 1-4 pm**

**Work Party: Avery House Native Plant Garden.** Come join the fun of garden clean-up. Bring gloves, rake, shovel, and a snack to share. Location: Avery Park, Corvallis. Information: Esther McEvoy, 541-754-0893.

### 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. For a sample copy check out the NPSO website. 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.

**March 12, Monday, 7:30 pm**

**Meeting: Wildflowers of the Cone Peak/Iron Mt. Trail.** Dan Luoma and Joyce Eberhart will share their photos and insights in a preview of one of our Chapter's favorite annual hikes. Location: Avery House Nature Center, Avery Park, Corvallis. Information: Esther McEvoy, 541-754-0893.

## 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 19, Monday, 7:30 pm**

**Meeting: Plants of Southern Interior British Columbia.** Join Daniel Mosquin, Research Manager at University of British Columbia Botanical Garden in Vancouver, BC, for a wide-ranging photographic tour of the plants of this region. Habitat diversity plays a large role in the expansive flora, ranging from the alpine and subalpine to sagebrush steppe, from interior coniferous forests to aspen grasslands. A few botanical mysteries will be highlighted, as well as a brief mention of a proposed national park for the area. Location: EWEB Training Room, 500 E. 4th Ave., Eugene. Information: 541-345-5531.

**April 16, Monday, 7:30 pm**

**Meeting: Icons of the Pacific Northwest Natural Environment.** Tim Giraudier, a professional photographer who has been involved with a wide variety of photographic processes and activities, and whose work includes such icons as chickadees, camas lily, our great woodlands and everything from the Cascade Crest to our ocean shores. Tim strives to reflect through his work the natural beauty of subject matter which is often overlooked. See Headwaters Photographic: [www.headwatersphoto.com](http://www.headwatersphoto.com). Location: EWEB Training Room, 500 E. 4th Ave., Eugene. Information: 541-345-5531.



## 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 8, Thursday, 7 pm

**Talk: Oak Ecology.** Bill Weiler, of the recently founded White Oak Land Trust, will talk with us about Oak Ecology. Weiler worked as a habitat biologist with the Washington Department of Fish and Wildlife for 19 years. He currently is a Conservation Consultant assisting landowners with natural resource challenges. He is founder and board vice-president of the Columbia Gorge Ecology Institute. Weiler's books include *The Earth Speaks* and *Secrets of Our Shrub-Steppe Home: Teaching and Learning about the Columbia Basin*. Location: Boardroom, Building 1, Columbia Gorge Community College, The Dalles.

### March 31, Saturday, 10 am

**Hike: Major Creek Road.** An easy hike on a well-maintained dirt road, about 3.5 mi round trip. After a 200-ft climb, the road levels out, winding through pine-oak woodlands with adjacent rock outcrops and meadows. Many Gorge wildflowers can be found along the road; especially impressive is the gallery of desert parsleys, including *Lomatium columbianum*, *Lomatium grayii*, *Lomatium dissectum*, and *Lomatium suksdorfii*. Hikers must stay on the road, which is bounded by posted Yakama land. Parking is limited, so meet at the Catherine Creek parking area to consolidate. Information: Don Hardin, [donhardin0@gmail.com](mailto:donhardin0@gmail.com), 509-493-4819.

### April 12, Thursday, 9 am

**Hike: Lower Catherine Creek.** The paved, universal access trail offers walks of three distances. The shortest (0.25 miles) goes to a viewpoint overlooking Catherine Creek Falls. The longer routes (0.75 mi, 1.25 mi) form loops through open grasslands, vernal ponds,

and oak woodlands. Flowers in April are likely to include: *Delphinium nuttallianum*, *Ranunculus occidentalis*, *Camassia quamash*, *Zigadenus venenosus*, *Saxifraga integrifolia*, *Saxifraga occidentalis*, *Trifolium tridentatum*, *Orobancha uniflora* and possibly *Lewisia rediviva*. Information: Don Hardin, [donhardin0@gmail.com](mailto:donhardin0@gmail.com), 509-493-4819.

### April 12, Thursday, 7 pm

**Talk: Habitat stewardship.** Mark Krautmann will share his 30 years' experience as co-owner, with his wife, Jolly, of Heritage Seedlings, a specialty wholesale nursery in Salem and hundreds of acres of Willamette Valley farmland and prairie, oak savannah, and woodland acreage east of the Cascades. He will describe production of 30 acres/75 species of Willamette Valley native wildflowers and grasses for seed harvest, including several threatened and endangered species. Education of youngsters and collaboration with nonprofits will be a particular focus. Location: Boardroom, 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 [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.

### March 3, Saturday, 8:30 am

**Field Trip: Catherine Creek.** The premiere early flower spot in the Gorge, with *Olsynium douglasii* in profusion, *Fritillaria pudica*, *Lithophragma glabra*, several species of *Lomatium*, and many others. Leave at 8:30 am, corner of NE Pacific Street and NE 99th Avenue (near Gateway MAX station). Or meet at Catherine Creek at 10 am. 120 miles round-trip drive; easy walking 3 to 4 miles with 500 ft. elevation gain. Information: Jan and Dave Dobak, 503-248-9242.

### March 8, Thursday, 7 pm

**Program/meeting: We Smoke It All: The Use of Prescribed Fire on Native Prairies in the Willamette Valley.** Join Jock Beall, the Supervisory Refuge Biologist for the USFWS for this exciting talk. The USFWS Willamette Valley National Wildlife Refuge Complex has taken on an expanded role in using prescribed fire to restore and maintain native prairie and oak savannah habitat in the Valley. Fire is considered a critical tool to the survival and recovery of rare plants and the endangered Fender's blue butterfly. Location: Metro building at 600 NE Grand Street, Portland. Check in with the attendant and meet upstairs. Follow the NPSO signs. Informal meeting starts at 7 pm. Formal meeting begins sharply at 7:15 pm. Information: Angie Moore, [mlm@teleport.com](mailto:mlm@teleport.com) or 503-292-2093.

### March 11, Sunday, 8:30 am-4:30 pm

**Field Trip: Deschutes River hike.** The Deschutes River hike, on the eastern edge of the Columbia River Gorge National Scenic Area, offers beautiful vistas, early wildflowers, and a variety of birds. This hike is moderate loop with a distance of 4.5 miles and elevation gain of about 600 feet. There are a variety of early spring flowers here including *Lomatium piperi*, *Lomatium columbianum*, and *Astragalus purshii*. 200 miles round trip. Please RSVP prior to trip. Space is limited. Information: Melanie Bjorge, [mbjorge2@gmail.com](mailto:mbjorge2@gmail.com) or Angie Moore, [MLM@teleport.com](mailto:MLM@teleport.com) or 503-292-2093.

### March 17, Saturday

#### **Hike: Cherry Orchard trail hike.**

Moderately strenuous hike of 4-5 miles, mostly on trails but with 1000' rise in 1.25 miles with some steep slopes. We will be looking for early spring wildflowers: yellow bells, toothworts, grass widows, desert parsleys, prairie stars, shooting stars, etc. along this route which is often warmer and sunnier than other early gorge hikes, allowing a wider variety of flowers. 135 mile drive RT. Information: Paul Slichter at [pslichter@frontier.com](mailto:pslichter@frontier.com) or 503-661-3292.

### April 7, Saturday, TBD

**Hike: Catherine Creek.** The date of

this trip might be moved depending on the bloom season this spring. 120 miles round-trip drive; Contact Paul Slichter at [pslichter@frontier.com](mailto:pslichter@frontier.com) or 503-661-3292 or watch the April *Bulletin* for more details if you are interested.

#### **April 12, Tuesday, 7 pm**

**Meeting/Talk: Oregon Butterflies and Their Relationship to Flowering Plants.** Join Bill Neill, author of *Butterflies of the Pacific Northwest*, to discuss two types of interplay between butterflies and plants. One is cross fertilization traded for nectar, and the other is a caterpillar's attempt to use a plant for food. Bill will also describe the concept of species-specific host plants. We will have copies of *Butterflies of the Pacific Northwest* available for purchase at the talk. A field trip is planned to the Deschutes River canyon on April 14th to observe butterflies in action. Location: Metro building at 600 NE Grand Street, Portland. Enter the building at the south end of the plaza on Irving St. Information: Angie Moore at [mlm@teleport.com](mailto:mlm@teleport.com) or 503-292-2093.

#### **April 14, Saturday**

**Field Trip: Butterflies along the Deschutes River.** Join Bill Neill, author of *Butterflies of the Pacific Northwest*, to observe butterflies in action in the Deschutes River Canyon. We can expect to see swallowtails, checkerspots and species of blues and whites which have emerged from over-wintering pupae, perhaps also some mourning cloaks and angel wings which have hibernated as adults. Of course, we will also see many plants. Sign up will be available at Bill's talk on April 12th or contact Ron Klump at 360-619-8992 or [ronklump55@comcast.net](mailto:ronklump55@comcast.net) to sign up and to get the details for where to meet.

## **Siskiyou**

*The Siskiyou chapter e-mails meeting reminders and last-minute information such as field trip cancellations. To be added to the list, please send your e-mail address to Kristi Mergenthaler at [coprolitemergie@yahoo.com](mailto:coprolitemergie@yahoo.com).*

#### **March 15, Thursday, 7:15 pm**

**Talk: Poisonous Plants by Dr. James P. Smith.** Dr. Smith, Professor of Botany,

Emeritus at Humboldt State University, will present a working definition on what is a poisonous plant (distinguishing between poisonous and lethal), poison mechanisms, and symptoms with a focus on plants found in California and Oregon. He will also answer the question: how have we knowingly used toxic plants as resources? Location: Southern Oregon University, Science Bldg., Rm 181. Refreshments at 7:15 pm, meeting and program at 7:30. Information: Kristi at 541-941-3744.

#### **April 14, Saturday 9 am**

**Field Trip: Fire and Vernal Pool Restoration Spark Renewal in the Agate Desert.** Join The Nature Conservancy for an easy walk at their Agate Desert Preserve, then tour a Conservancy-managed ODOT vernal pool mitigation site that is a recent addition to Whetstone Savanna Preserve. Located seven miles northwest of Medford on Table Rock Road, both preserves provide a sanctuary for rare wildflowers. At Agate Desert Preserve we'll discuss the use of prescribed burning to benefit native grasses and wildflowers including two federally listed endangered plants, Cook's desert parsley and large flowered woolly meadowfoam (which should both be in bloom). Then take a tour of ground-breaking vernal pool restoration efforts led by ODOT and the Conservancy at Whetstone Savanna Preserve. Leader: Keith Perchemlides, Nature Conservancy Field Ecologist. Meet at Agate Desert Preserve, on the corner of Table Rock Rd and West Antelope Rd in White City. Park on the shoulder of West Antelope Rd. Please carpool. Optional and unguided carpool meeting behind Oil Stop in Ashland (next to BiMart-leaving @ 8:45). Total Distance: Approximately 2-3 miles. Information: Kristi at 541-941-3744.

#### **Coming Up:**

#### **April 19, Thursday**

**Rare Plants of Crater Lake by botanist Katherine Williams.**

#### **April 28, Saturday**

**Hike: Rough and Ready Creek with Suzanne Vautier.** Watch for details in your monthly email.

#### **May 17, Thursday**

#### **Mysteries of the Monotropoideae Revisited: 25 Years of Demystification.**

This presentation by Dr. Dan Luoma integrates wildflower and mushroom natural history for a group of plants that don't have chlorophyll (snow plants and relatives).

## **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 24, Saturday, 6:30 am-5 pm**

**Field Trip: Catherine Creek.** John Savage of the Willamette Valley Chapter of the Native Plant Society will lead a trip to view the early blooming wildflowers at Catherine Creek in the Gorge. Come prepared for a long day returning about 5 pm. Contact John Savage after 7 pm at 503-399-8615 for more information and to register.

#### **March 30-31, Friday-Saturday, 10 am-3 pm**

**Program: Erythronium Native Plant Festival & Sale presented by Life-Source Natural Foods.** Celebrate the earth's reawakening and the exquisitely beautiful *erythroniums* (native lilies) blooming at Historic Deepwood Estate. Purchase a few native plants for your own garden, take a guided nature walk with Linda Boyer, Wilbur Bluhm and John Savage of the Native Plant Society, or just come to enjoy a day outside and the special exhibits and informational booths. The Historic Deepwood Estate is located at 1116 Mission Street SE (12th and Mission) in Salem. Free parking is available off Lee Street. Information: 503-363-1825 or [www.HistoricDeepwoodEstate.org](http://www.HistoricDeepwoodEstate.org)

## **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

### Mount Pisgah Arboretum

**March 15, Thursday, 6:30-8 pm**

**Mount Pisgah Arboretum Nature Guide Training.** Train to be a nature guide for elementary school kids at Mt. Pisgah Arboretum. No experience required. Commitment: One tour per week April 30–June 13. Join the Arboretum's passionate team of nature guides and reconnect kids with the natural world! Morse Ranch House, 595 Crest Drive, Eugene. Information: 541-968-6061, [mtpisgfr@efn.org](mailto:mtpisgfr@efn.org) or [www.mountpisgaharboretum.org](http://www.mountpisgaharboretum.org).

### Northwest Botanical Institute

**March 26-28, Monday-Wednesday**

**Course: Beginning to Intermediate Moss Class.** David Wagner will be offering an intensive three-day beginning-to-intermediate moss class on the University of Oregon campus. This workshop is designed to help folks with general knowledge of bryophytes kick their level of competence up a notch or two. A good botany background and a general knowledge of the basics of moss structure and life cycles are encouraged. Focus will be on navigating the California Moss keys by Dan Norris and Jim Shevock, and the first volume of the *Bryophyte Flora of North America*. Most of our time will be spent in the teaching lab, with an afternoon excursion on the first day for field experience. Tuition is \$300. Send check or money order, made out to Northwest Botanical Institute, P.O. Box 30064, Eugene, OR 97403-1064. Credit card transactions possible only through PayPal; submit to [david-wagner@mac.com](mailto:david-wagner@mac.com). 541-344-3327.

### Siskiyou Field Institute

**March 24- 25, Saturday-Sunday**

**Course: Introduction to Bryophytes with Scot Loring.** Bryophytes (mosses, liverworts, and hornworts) are tiny but important components of Pacific Northwest ecosystems. Students will learn about the basic biology and ecology of bryophytes, and will also learn to identify common species in the field. Class time will be divided between lectures, lab, and field trips. Tuition for this class is \$100, and advance registration is required. Lodging is available onsite. Information: 541-597-8530 or [www.thesfi.org](http://www.thesfi.org).

**March 28-29, Wednesday-Thursday**

**Course: Survey and Manage: Bryophytes and Lichens with Scot Loring.** This course is geared toward agency employees and contractors and focuses on bryophyte and lichen species targeted as "Survey and Manage" species. Course time will include lectures alternating with lab time to examine specimens. Tuition for this Intermediate/Advanced level class is \$150. Onsite lodging is available and advance registration is required. Information: 541-597-8530 or [www.thesfi.org](http://www.thesfi.org).

**March 31, Saturday**

**Course: Edible Plants with Daniel Newberry and Bruce Kiser.** Edible wild plants fascinate everyone, from the adventurer interested in learning wilderness survival strategies to the cook who wants to learn to prepare a meal from something new and different. In this class, you'll learn how to identify common local plants, learn responsible wildcrafting procedures – most important of all – how to avoid poisonous plants. The class will finish with a feast that includes the fruits of our harvest in the field. Tuition for this class is \$50, and advance registration is required. Information: 541-597-8530 or [www.thesfi.org](http://www.thesfi.org).

**April 14-15, Saturday-Sunday**

**Course: Introduction to Lichens with Daphne Stone, PhD.** Discover the wonderful and complex world of lichens! We'll collect lichens from the meadows and forests around Deer

Creek Center and then return to the classroom to identify and preserve specimens; examining their structures and learning terminology needed to discuss the basics of lichen identification. Students will learn to key lichens using Macrolichens of the Pacific Northwest. You'll complete this class with a small personal lichen reference collection to further your lichen studies. Tuition for this class is \$150, advance registration is required. Information: Phone 541-597-8530 or visit [www.thesfi.org](http://www.thesfi.org).

### Wild Food Adventures

**March 31, Saturday, 9 am-12 pm**

**Class/Hike: Introduction to Wild Foods.** In a walk through several habitats within Mt Tabor Park, learn essentials of wild food use and study, the best books, resources, and field guides. Be a successful forager early on, sample plants, get expert advice. This core workshop provides a deeper understanding for all other workshops. Anyone genuinely serious about wild foods will benefit from this event. Bring hiking boots and come prepared for weather. Cost is \$20 - \$35. Location: Mt. Tabor, Portland. Meet at the southwestern entrance to Mt Tabor Park. Register at [www.wildfoodadventures.com](http://www.wildfoodadventures.com) or 503-775-3828.

**April 1, Sunday, 1-4 pm**

**Edible Wild Plants on the First Days of Spring.** We'll start at Sauvie Island, then explore several areas to inspect this spring's early green delectables. The earlier you start in the spring, the more foods you can harvest in the year. Prepare for the weather. Location: Meet at Sauvie Island at the parking lot on the far side of the island store (Sam's Cracker Barrel Grocery, 15005 NW Sauvie Island Rd, Portland). Cost is \$25 - \$40. Register at [www.wildfoodadventures.com](http://www.wildfoodadventures.com) or 503-775-3828.



# In Memorium: Leslie D. Gottlieb, PhD (1936-2012)

by Aaron Liston, PhD, Professor, Director of OSU Herbarium

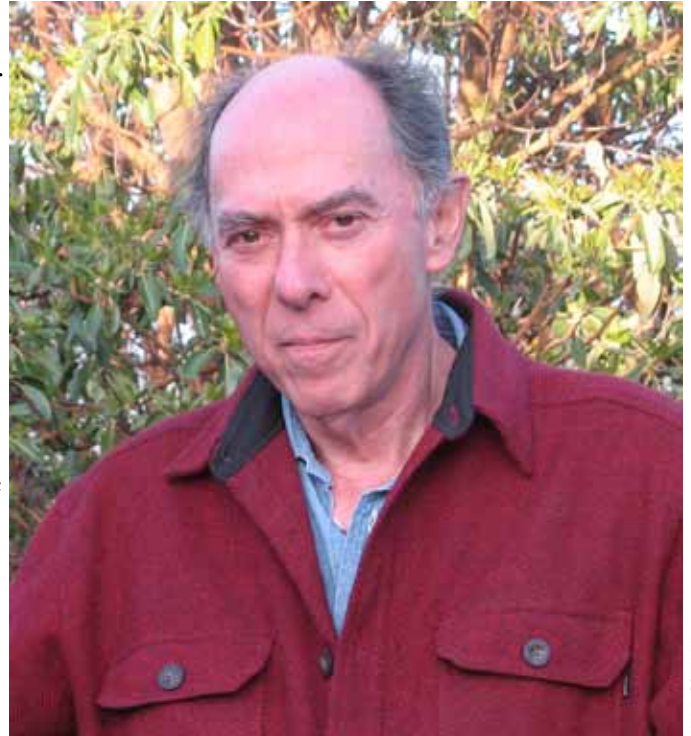
Leslie David Gottlieb was born in New York City in 1936. Following a Bachelor of Arts degree from Cornell University in 1957, he earned a Master's degree from Oregon State University in 1965, where he studied hybridization between species of manzanita in southwestern Oregon. His PhD at the University of Michigan in 1969 examined patterns of diversity and mechanisms of speciation in *Stephanomeria*. He then joined the faculty of the Department of Genetics at the University of California, Davis where he taught classes in genetics and evolutionary biology, and served as department chair for three years during the mid-1980s.

Gottlieb researched a broad array of subjects including plant speciation, polyploidy, biochemical evolution of isozymes and molecular genetics. He will be long remembered as a pioneer and strong advocate for the application of biochemical and molecular data to plant systematics. Many of his studies dealt with rare and endangered species, particularly in the genera *Clarkia* and *Stephanomeria*. He also wrote the *Flora*

of North America treatment of *Stephanomeria*.

Gottlieb published more than 120 research papers and received a number of awards including a John Simon Guggenheim Fellowship (1975), Fellow of the American Association for the Advancement of Science (1985), Alumni Association Fellow of Oregon State University (1993), and the Botanical Society of America Merit Award (2000) and Centennial Fellow Award (2006).

In 2004, Leslie and his wife Vera Ford Gottlieb retired from UC Davis to Ashland, Oregon. He was active in the Native Plant Society of Oregon, and served as the Chair of the Rare and Endangered Plants Committee. He passed away on January 31, 2012, from the complications of pancreatic cancer. He was 75.



VERA GOTTLIEB

Our dear friend, Les Gottlieb

## Native Plant Appreciation Week, April 29-May 5, 2012: The Governor's Proclamation

Oregonians enjoy an amazing diversity of native plant species from the coastal rain forest plants to the high desert species of Eastern Oregon to the unique plants of the Columbia Gorge and the Siskiyou Mountains. As such, Governor John A. Kitzhaber and Secretary of State Kate Brown have declared April 29 to May 5, 2012 to be Native Plant Appreciation Week. They signed a proclamation declaring the event as



official and encouraging all Oregonians to join in this observance.

Native Plant Appreciation Week is the largest coordinated public outreach event for the Native Plant Society of Oregon and an excellent opportunity for society chapters throughout the state to sponsor workshops, hikes, plant sales, more while helping to increase their chapter's visibility. Be sure to post your activities in the NPSO *Bulletin* and to let the NPAW Committee know about them as well. Email any information to Judi Sanders at judi.sanders@gmail.com.

The Governor has done his part. What will you be doing for Native Plant Appreciation Week?

## Welcome New Rare and Endangered Plants Committee Co-Chairs!

Erin Gray and Cecile Shohet have volunteered to co-chair the Rare and Endangered Plants Committee! Please support them and, if any of your friends or local members want to join the committee, let them know. Erin Gray [erin@appliedeco.org](mailto:erin@appliedeco.org) Cecile Shohet [cshohet@gmail.com](mailto:cshohet@gmail.com)



NPSO Annual Meeting, cont. from page 1  
lady slipper (*Cypripedium californicum*).

Southwestern Oregon has attracted botanists since the first European expeditions explored the Western region. John Jeffrey probably passed through here in 1851 on his way to Crescent City, California; several species bear his name, e.g., *Pinus jeffreyi*, *Dodecatheon jeffreyi*, *Penstemon jeffreyanus*. Thomas Jefferson Howell, a self-trained botanist and author of the first regional flora, made three collecting trips in the Illinois Valley in the 1870s. Near the mining town of Waldo, he hit upon a botanical Eldorado (gold mine) of plants that were unnamed and unknown to science. Howell sent his collections to Asa Gray, eminent Harvard botanist, who, with his colleague Sereno Watson named many of the new species in honor of Howell. The plant selected for our meeting logo, Howell's mariposa lily (*Calochortus howellii*), is one example among many taxa with the specific epithet howellii (*Agrostis*, *Antennaria*, *Calamagrostis*, *Camassia*, *Epilobium*, *Montia*, *Pedicularis*, *Thelypodium*, *Triteleia*, *Viola*, etc.).

Early in the 20th Century, Alice Eastwood of the California Academy of Sciences walked from Crescent City to Waldo because the stagecoach ran at night; she did not want to miss seeing the manzanita (*Arctostaphylos*) species described by Howell. Lilla Leach, with her muleskinner/pharmacist husband John, explored the region each summer between 1928 and 1938. On June 14, 1930 Lilla collected the small pink flowered shrub, a new endemic genus that was later named for her (*Kalmiopsis leachiana*). Field trip participants going to Baby Foot Lake may see this plant that the title of NPSO's annual journal *Kalmiopsis* honors.

Other botanists who collected in this area were Charles Vancouver Piper (Washington State University), Louis Henderson (University of Oregon), Elmer Applegate (Stanford University), Morton Peck (Willamette University), Arthur Kruckeberg (University of Washington, to study serpentine ecology) and C. Leo Hitchcock (principal author of the *Vascular Plants of the Pacific Northwest*).

Plant ecologist Robert Whittaker's studies of the vegetation of the Siskiyou Region brought world-wide attention to the region. Whittaker compared the botanical richness of the area to the southern Appalachians in floral diversity. He credited the Klamath-Siskiyou Region as having "central significance" for the floristic origins and diversity of Pacific Northwest floras. As the far West became increasingly arid in the late Tertiary period, former floras found mesic refugia here. This bioregion then became an evolutionary nursery for the genesis of many endemic species.

What makes this region so attractive to botanists? The long, unglaciated history, a location influenced by varied climatic patterns and positioned between major floristic provinces, and unusual soils derived from ultramafic parent material from deep in the earth's crust. Peridotite and other mantle rocks are high in heavy metals (chromium, iron, and magnesium) and low in available calcium, potassium and phosphorous. Serpentine is metamorphosed peridotite, with similar hostile chemistry for plant growth.

Because serpentine-influenced soils are inhospitable, many plants on serpentine have evolved to cope with these conditions, either as races (e.g., incense-cedar which is physiologically and genetically distinct, but not morphologically distinguishable) or as distinct species (e.g., the endemic *Calochortus howellii*). These endemic species are one of the attractions of the Klamath Mountain region of northwestern California and southwestern Oregon, where 281 endemic taxa have been reported (Smith and Sawyer 1988).

The region is famous for its conifer diversity. Thirty-one conifer species are native to the Klamath Mountains. Some species, Douglas-fir (*Pseudotsuga menziesii*) and incense cedar (*Calocedrus decurrens*), are common and widely distributed. Others, such as subalpine fir (*Abies lasiocarpa*) and Alaska yellow cedar (*Callitropsis nootkatensis*) reach their southern limits in craggy Klamath heights. Foxtail pine (*Pinus balfouriana*) has an odd distribution, split between the



Port Orford cedar (*Chamaecyparis lawsoniana*)

southern Sierra Nevada many miles to the south and scattered populations in the Klamath Mountains as far north as Lake Mountain above the Klamath River. Other species, Brewer spruce (*Picea breweriana*) and Port Orford cedar (*Chamaecyparis lawsoniana*), grow only here. During the Annual Meeting this year, you will have the opportunity to meet and greet several world-famous horticultural conifers in their native habitat.

I arrived at Southern Oregon College in the fall of 1966 to teach botany and never found a good reason to leave. Every class field trip was an adventure with endless plants to find and study. A visit to the Darlingtonia fens, no matter what the season, resulted in always finding something interesting to see. One of the great pleasures of teaching plant systematics and ecology under such circumstances is the look of amazement on students' faces when they see (and smell) the innards of a *Darlingtonia* pitcher, or see hybrid *Calochortus* with both parents, or when they realize the special value of the rare endemics that they observe. I have felt quite blessed to have had the good fortune to spend most of a career working in one of the great botanical areas of the world. What success I have had with students can be attributed in large measure to the fascinating flora of the Klamath Range.

I feel certain attendees at this year's State NPSO meeting will find the same sense of excitement and pleasure.



# NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

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Please make checks for dues and contributions payable to:

**NATIVE PLANT SOCIETY OF OREGON**

Send completed form and full remittance to:

**Clayton Gautier, NPSO Membership Chair**

**3927 Shasta View St.**

**Eugene, OR 97405-4442**

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 \$ \_\_\_\_\_

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*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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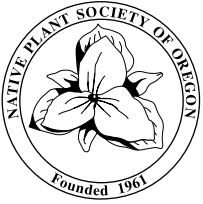
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The Oregon Flora Project is developing a comprehensive reference about the plants of Oregon that includes distribution maps, images of live plants and herbarium specimens, descriptions, and identification tools. The information is available to the public via our website, <http://oregonflora.org>. Funding for the Oregon Flora Project comes exclusively from competitive grants and donations from organizations and individuals. The contributions people give of their time and financial resources are a critical part of our operating budget. If you would like to be a part of the team that keeps the OFP progressing, please contact us at [ofpflora@oregonflora.org](mailto:ofpflora@oregonflora.org), or phone 541-737-4338.

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