



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. 3

APRIL 2013

NPSO 2013 Annual Meeting, Baker City, July 26-28

The William Cusick Chapter is hosting the 2013 Annual Meeting of the Native Plant Society of Oregon in Baker City, gateway to the Elkhorn Mountains of Northeastern Oregon, July 26 to 28. Why late July? Although the lower elevation sagebrush-bunchgrass steppe is fantastic in May and June, snow blocks access to the high mountain wild places, and at 6,500 to 8,000 feet, our mountain flora doesn't wake up until mid- to late July. We will be basing our meeting out of historic Baker City. What is now Geiser-Pullman Park was a popular stop on the Oregon Trail. In 1862 gold was found just south of Baker City, in Griffin Gulch. The town of Baker

City was platted in 1864 and for many years was not only the seat of Baker County, but an important commerce center for gold, cattle, and timber, initially serviced by the overland stage (1865) and later the Transcontinental Railroad (1884). The Geiser Grand Hotel, where we will be hosting the Friday evening social and the Saturday evening banquet, opened in 1889. The Crossroads Carnegie Arts Center building, where we will be holding the state board meeting, was the original library granted in 1907.

Friday afternoon we will tour Plantworks Nursery and Cusick's gravesite. After returning from the tour and cleaning up, come to the "social

hour" at the Geiser Grand, at 6 pm. Cocktails, wine, and beer will be available for purchase. The Geiser Grand is located just one mile off I-84, take Exit 304. You'll see large brown signs heralding the Geiser Grand Hotel, National Historic Landmark. More brown signs will lead you down Campbell St. (fast food chain alley) to Main St. Turn left. You will see the flag flying over the clock tower/cupola on the left—just a few blocks ahead. The hotel is at the corner of Main and Washington.

On Saturday, participants are on their own for breakfast but may sign *continued on page 7*

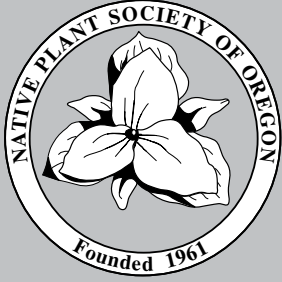


GENE YATES

Plant parasites, such as this mountain goat, are common in the Twin Lakes area of the Elkhorn Mountains.

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Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregion.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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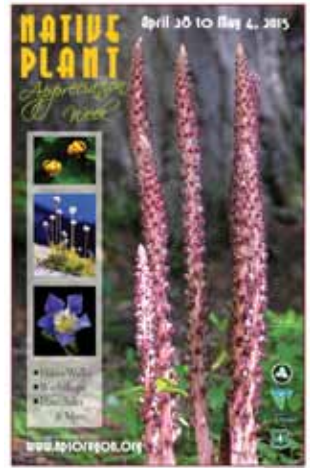
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The submission date is the 10th of each month for the following month's issue except for the Aug/Sept issue which is July 24 and the Dec/Jan issue which is November 24. Send submissions by e-mail to bulletin@NPSOregion.org.

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.

Native Plant Appreciation Week is April 28 – May 4

This year's Native Plant Appreciation Week poster is designed by Susan Berger, with photos by Colton Allen, Don Jacobson, Greg Lief, and Dan Luoma. NPSO activities include a botanical art workshop with Linda Vorobik in Eugene, a field trip to Rocky Butte State Park to learn how to ID local grasses, and a booth at the Glide Wildflower Show. How will you spend your week?



NPSO Board Candidates for 2013

The Nominating Committee offers the following list of candidates for state offices. The names of any additional nominees and brief résumés will be printed in the May *Bulletin*. Any group of five or more dues-paying members may also submit nominations (with nominee's consent) to the *Bulletin*, bulletin@NPSOregion.org, by April 10th. Election ballots will be included in the May issue and must be returned to the Ballot Counting Committee postmarked by June 1, 2013. Newly elected individuals assume office at the conclusion of the Annual Meeting.

President: Judi Sanders
Vice President: Billy Don Robinson
Secretary: Lisa Blackburn
Treasurer: Cyndi Dion
Directors At Large: Michael Hartman, Dan Luoma, Karen Sturgeon



Pacific Dogwood (Cornus nuttallii) blooming near the North Umpqua River, Douglas County.
This mesic species is common along stream banks and in low-elevation coniferous, hardwood, and mixed coastal forest

TANVA HARVEY

NPSO CALENDAR

State Notes

NPSO Board Meeting

April 6, Saturday, Medford

The next board meeting will be hosted by the Siskiyou Chapter in Medford. The meeting will be followed with an afternoon hike to one of the Table Rocks. There will 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. Details are available in this issue and online at <http://williamcusick.npsoregon.org/>.

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. To be added to the e-mail list for upcoming programs and events, please contact cheahmillchapternpsocomcast.net.

April 25, Thursday, 7 pm

Talk: Native Plants, Landscapes, and Grassland/Savanna Birds. Joel Geier will talk about the enormous changes in the Willamette Valley native plant landscapes and bird habitat over the past 160 years that have created a crisis for oak woodland and grassland birds. We'll also talk about how to advocate for oak woodland/savanna habitat in your neighborhood, beyond the scale that you can manage on your own. This provocative talk will include ideas for building local community around these goals. Joel is a hydrogeologist who does groundwater consulting. His enduring passion, ever since encountering a patch of virgin prairie on the family farm,

has been grassland ecology. Location: Carnegie Room, McMinnville Public Library, 225 NW Adams St. (corner of HWY 99W and SW 2nd St.). Parking lot entrances on Adams and Second streets. Information: Bonnie Laux, 503-925-4960 or bonlaux@gmail.com.

June 1, Saturday, 9 am – 1 pm

Field Trip: Restored Oak Savanna

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>

and Wildflower Tour. Lynda Boyer, restoration biologist and Native Seed Manager for Heritage Seedlings, will lead the Cheahmill and Willamette Valley Chapters on a tour of private land near Jefferson being restored to its former savanna glory. Bring your camera, field guide, binoculars, and lunch (outhouses, drinking water, and fruit provided) for a casual walk through the prairie at peak flowering for many native wildflowers and a discussion of successes and frustrations with restoring this endangered habitat. After our walk we'll enjoy the view of the surrounding savanna from atop Steiwer Hill. Field trip departs 8am sharp from parking lot on corner of Blaine St. and Linfield Ave. on the Linfield College campus, McMinnville. Pre-registration required: Cheahmill Chapter members register with Kareen Sturgeon to receive directions, ksturg@linfield.edu, 503-472-0866.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Alexis Brickner or Kevin Weitemier at co_president@NPSOregon.org or 208-921-0827.

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.

April 13, Saturday, 4 pm

Work Party: Avery Garden. It's time for some spring cleaning at the native plant garden around the Avery House. Bring work gloves, tools, and water to drink. Contact Esther at 541-754-0893 for more information.

April 20, Saturday, 9 am - mid-afternoon

Hike: Spring Wildflowers on the Mary's Peak Lower North Ridge Trail. Join us as we enjoy the spring wildflowers on the west side of Mary's Peak. It is about 4 1/2 miles round trip and a gentle climb. Wear clothes appropriate for the weather and sturdy walking shoes. Bring a lunch and water to drink. Meet at the OSU Wilkinson Hall parking lot diagonal from the Beanery at 26th and Monroe. Contact Esther at 541-754-0893 for more information.

May 5, Sunday, 9 am - 4 pm

Event Booth: Spring Garden Festival. The chapter will again have a booth set up at the Corvallis Spring Garden Festival. Stop by to purchase some native plants for your garden, and maybe pick up some tips for a green thumb. We will also need volunteers to set up, take down, and run the booth. For more information about the festival, visit <http://madisonavenuetaskforce.org/springgardenfest.html>. If you would like to volunteer, contact Esther at 541-754-0893.

May 13, Monday, 7:30 pm

Talk: After the Ash Falls...Plant Responses to Volcanic Tephra. Don Zobel will review the variety of volcanic effects on forests at Mount St. Helens in 1980 and the changes as vegetation recovers. The emphasis will be on the responses to tephra by forest understory plants during a 30 year period after the eruption. 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.

April 4, Thursday, 9 am

May 11, Saturday, 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://mckenzieiver.org/events/> or call 541-345-2799.

April 15, Monday, 7:30 pm

Meeting/Talk: The Row River Trail Project. Wes Messenger, a botanist from the Army Corps of Engineers, will talk about native plant resources as well as opportunities for public involvement in interpretation and stewardship activities. The talk will be illustrated with pictures of native flora. Location: EWEB Training Room, 500 E 4th Ave., Eugene. For more information call 541-349-9999.

May 4 - 5, Saturday - Sunday, 9 am - 5 pm

Workshop: An Introduction to Botanical Art. NPSO and Mount Pisgah Arboretum present a two-day workshop with professional botanist, botanical illustrator, and teacher, Dr. Linda Ann Vorobik. All skill levels are welcome; accomplished artists increase their knowledge of botany and skilled botanists learn drawing and painting techniques. Visit Linda's website at <http://vorobikbotanicalart.com/>. Registration thru Mt. Pisgah Arboretum: www.MountPisgahArboretum.org/wildflowermonth or call 541-747-3817. Fee: \$125 for NPSO/Mt Pisgah members and \$150 for non-members. Location: Lane Community College Main Campus, 4000 E 30th Ave., Eugene, Bldg 16/Rm 115. Map & Directions: <http://www2.lanec.edu/locations/main-campus>. Questions? Contact Joan: 541-343-0535, Cell: 541-206-7054. email josprow@comcast.net.

May 20, Monday, 7:30 pm

Meeting/Talk: Drawing and Painting Wildflowers Throughout the West. Join nationally known botanical illustrator, Dr. Linda Ann Vorobik, for an illustrated tour through her life. She will relate how her botanical training supports her professional illustration career and has launched her into a life of botanizing and plant illustrating up

and down the West coast. Location: EWEB Training Room, 500 E 4th Ave., Eugene. For more information call 541-349-9999.

Klamath Basin

For information on the Klamath Basin Chapter, contact Sarah Malaby at 541-884-5703 or smalaby@cs.com.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at wusara96@yahoo.com.

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, 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. She will include an introduction to the identification of 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. Location: Room 1.366, Building 1, Columbia Gorge Community College, The Dalles.

May 16, Thursday, 7 pm

Meeting: Plant Sex: A Brief Overview. Brent Miller will talk about plant reproduction, contextualizing the evolution of flowers as another step in the history of plant evolution. He'll help us examine how flowers have made Angiosperms the most diverse group of plants in the history of the planet, with some side trips into the alternation of generations, major plant characteristics like leaves and free-living gametes, conflict between the sexes over reproductive priorities, sexual systems, and pollination syndromes. Miller is a web designer at New Relic with a research background

in, among other topics, sexual conflict in *Clarkia*. Location: Room 1.366, 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.

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hike and other events as well as great plant pictures.

Meeting Location: The Portland Chapter meets the second Thursday of most months in the Metro Building at 600 NE Grand Ave., Portland. Enter the building at the south end of the upper plaza on Irving St. (not the door on 600 NE Grand Ave.). An attendant will direct you to the meeting room upstairs. Informal meeting is at 7 pm. Formal meeting and presentation begin at 7:15 pm.

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 recent proposed Wind Power Project in south-eastern 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: see above. Contact: Mary Smith at 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 perched on a basalt bluff and 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.

April 20, Saturday, 8:30 am - 4:30 pm

Field Trip: Memaloose Hills Wildflower Hike. This moderate hike (5-6 miles, 800 foot elevation gain) is one that you will not find in any book and can only be done for the first time with someone who knows the trail. It is jam-packed with a large variety of flower species, including the rare violet suksdorfia and big shows of balsamroot. It also boasts a pioneer road, basalt formations, and lovely views of the Columbia River, Mt. Hood, and Mt. Adams. Located just east of the town of Mosier, this hike was a favorite of Russ Jolley. 140 miles round-trip drive. Contact Beth Magnus at 503-706-5108 or magnuselisabeth@gmail.com for carpooling time and place.

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, choose

one single species to learn; we hold these sessions on an ongoing basis. Physical difficulty: Low. It is breezy on top so dress in layers to stay comfortable. Location: meet at 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 phone 503-253-8100, mobile (day of the hike) 360-774-6593. Helpful to bring: Strong reading glasses (use 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 4, Saturday, 10 am

Field Trip: Rowena Plateau Hike - Come learn the plants with us! Led by Mary Bushman. Two mile, leisurely hike round trip with small elevation changes. Join this exploratory hike to discuss and learn about this amazing wonderland of wildflowers. We will stop along the way and learn to identify plants using local plant guides. Expect to see Gray's Desert Parsley, Prairie stars, and Upland Larkspurs among others, as well as beautiful views of the Columbia River. Bring your favorite native plant guides. Limited to 10 attendees. 150 miles round trip. Email Mary Bushman at m.botanist@gmail.com to register and to receive information about meeting places and times.

May 5, Sunday, 8:30 am - 4:30 pm

Field Trip: Four Sisters. A new hike for NPSO, we'll be walking grasslands and rocky outcrops on newly purchased Columbia Land Trust property near The Dalles, with several large vernal pools surrounded by many acres of balsamroot. We'll be looking for Nevius' onion, smooth lasthenia, lupines, howell's milkvetch, numerous grasses and riparian species. Easy 3 mile hike with 100 ft. elevation gain. Drive of 140 miles round trip. Led by Paul Slichter & Barbara Robinson. For more info contact Paul at 503-661-3292 or pslichter@frontier.com.

May 9, Thursday, 7 pm

Program Meeting: Pacific Northwest Natives: A Starring Role in Invertebrate Conservation. Brianna Borders,

plant ecologist with the Xerces Society for Invertebrate Conservation, will highlight important relationships between Pacific Northwest native plants and native bees and butterflies. She will describe how the Xerces Society is using native plants to increase biodiversity in urban and suburban areas, on farms and public lands. Learn how to support native pollinators in your garden and other landscapes, as well as opportunities to get involved in citizen science initiatives related to monarch butterflies, bumblebee conservation, and dragonfly migration. Meeting location: see above. Contact: Mary Smith at alphiesmith@comcast.net or 503-288-4340.

May 13, Monday, 9am

Field Trip: Elk Rock Canoe and Plant ID Trip. Led by Mary Bushman, City of Portland/Bureau of Environmental Services botanist. The trip includes a short canoe or kayak paddle to Elk Rock Island in the Willamette River just south of Portland. On the island, Willamette River Keepers and City of Portland naturalists will guide us to areas where the city is monitoring rare plants. This island has been proposed as one of the new NPSO Rare Plant monitoring sites. Limited to 10 attendees, canoes provided. 10 miles round trip. Email Mary Bushman at mary.bushman@portlandoregon.gov or call 503-823-2073 to reserve a space and receive information

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

Field Class: Learn to Use a Botanical Key. This two-day class at Tryon Creek State Park, taught by Brent Miller, will teach you how to use a key to identify live or pressed plants. The first day will be with plants in a classroom, learning to read a key and getting familiar with basic technical vocabulary. The second day you'll take your knowledge into the field, bringing your flora with you and keying out plants in their native habitats. Fee of \$40 and book (Hitchcock & Cronquist) required. We will have a few copies of the book to loan. For more information or to get signed up for the class, contact Nancy Chapman at 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. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2013, make a suggestion, or provide feedback regarding the field trip program please contact Sasha Joachims at: sasharain71@gmail.com. Hikes are rated for difficulty according to the following criteria: Easy: Up to 3 miles, less than 700 ft. elev. gain. Moderate: 3-5 miles, less than 1,200 ft. elev. gain. Strenuous/Difficult: 5-10 miles, up to 2,500 ft. elev. gain. Rugged: Over 10 miles, steep trail, over 2,500 ft. elev. gain.

April 6, Saturday, 10 am

Hike: Early Spring at Rough and Ready Wayside. Suzanne Vautier of CEEN, Cultural and Ecological Enhancement Network, will lead an easy hike; the terrain is relatively level, and there is a wheelchair accessible trail. The hike will be less than a mile long but there are a lot of wildflowers packed into a short distance. There is a picnic table on site for lunch after the hike. Participants should wear sturdy shoes and bring water and snacks. Meet at the parking area of the Rough & Ready Botanical Wayside near milepost 34 on Hwy 199, south of Cave Junction. Information: gourdnbead@yahoo.com or 541-291-8860.

April 18, Thursday 7 pm

Meeting/Talk: Plant Galls. Oak apples, honeydew, ambrosia galls, and witches' brooms - all are types of plant galls, a commonly observed, yet little-understood botanical phenomenon. Ronald Russo, author of *Plant Galls of California and Other Western States* will describe how these beautiful and bizarre galls are growths produced by host plants in response to invading organisms. Location: Southern Oregon University, Science Bldg., RM 171. Refreshments at 6:45 pm, meeting and program at 7 pm. Free. Contact: Kristi, 541-941-3744.

May 04, Saturday, 10 am - noon-ish

Hike: China Hill Phlox Walk. Sheri

Hagwood of the Fish and Wildlife Service will lead a 0.5 mile, easy walk to see the endangered Yreka phlox and other early spring treasures in bloom. Directions from I-5 South: take the first Yreka exit (776), turn left off the exit onto Hwy 3 going east, drive about 0.60 miles to a kiosk on the left with a small parking lot. This is the meeting place and is just before Juniper Way. Contact Sheri at 530-841-3126 (home), 530-842-2092 (evening), or naers2@gmail.com.

May 18, Saturday, 8:30 am

Hike: Rainie Falls Trail. Botanist Armand Rebeschke will lead this 4 mile moderate hike with 400 ft. elev. change and some slippery spots. We will start at Graves Creek Bridge and follow the south side trail at the beginning of the Wild and Scenic Rogue River to Rainie Falls. This is the shady side of the river, with populations of *Lewisia cotyledon*, and *Delphinium nudicaule*. Participants should wear sturdy shoes, bring water, snacks & lunch. Meet at Rays Food Place in Merlin at 8:30, then carpool to the trailhead. For more information: Armand Rebeschke, 541-482-2141.

Umpqua Valley

Visit www.umpquavalleynativeplants.com for more information on chapter activities or to be added to our e-mail list.

April 11, Thursday, 6 pm

Meeting: General Business. We will be discussing the new website enhancements and planning ways to encourage participation. Be sure to check the NEW chapter website: www.umpquavalleynativeplants.com. Geoff Puryear is looking for digital photos of Douglas County wildflowers, articles about the chapter, and art work related to our natural resources that would be interesting and helpful to everyone looking at the website. Location: Our chapter meets on the second Thursday of the month at the Douglas County Museum of Natural History. For information: 541-459-2821 evenings.

April 14, Sunday, 9 am - 12 pm

Work Party: Demonstration Garden Work Day. We are having a workday

at our Demonstration Garden in Roseburg at the VA Complex. Bring gloves, tools and a willingness to make our garden look good for spring. Coordinate with Geoff Puryear, geoff@geoffpuryear.com, or Donna Rawson, uv_president@NPSOregon.org, if you plan to come.

April 20, Saturday, 10 am - 4 pm

Community Event: Earth Day Celebration and Fair. Be sure to visit our NPSO booth! We will have handouts about NPSO, landscaping information, and members ready to answer any questions. No entry fee to attend the fair. Location: Douglas Hall at the Douglas County Fairgrounds in Roseburg, I-5 exit 123.

April 27 - 28, Saturday - Sunday, 9 am - 5 pm

Community Event: Glide Wildflower Show. Be sure to save this date for the "Pacific Northwest's Premier Wildflower Show". Folks come from around the world just for this show. Don't miss it, you won't be disappointed. Gain a better appreciation for the diversity and beauty of our own native flora and be sure to visit our NPSO booth. Native plants will be for sale on Sunday, April 28 beside the annex. Location: Glide Community Center. From I-5 at Roseburg, take exit 124, then through town follow signs to Rt. 138 East (North Umpqua Highway to Crater Lake). The Glide Community Center is just past Milepost 17 on the left. Information: www.glidewildflowershow.org.

May 4, Saturday, 9 am - 4 pm

Community Event: Master Gardeners Plant and Garden Expo. Stop by our booth and say hello! Members are available to answer your questions about NPSO, landscaping, and restoration. We are not having our usual pant sale this year but encourage you to talk to us about plans for the future sales. Location: Douglas County Fair Grounds, I-5 exit 123.

Willamette Valley

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

April 5 - 6, Friday - Saturday, 10 am - 3 pm

Program: Erythronium Native Plant Festival and Sale. Celebrate the earth's reawakening and the exquisitely beautiful *Erythronium oregonum* (native lilies) blooming at Historic Deepwood Estate. Purchase a few native plants for your own garden, take a guided nature walk, or just come to enjoy a day outside and the special exhibits and informational booths. This event is presented by Life-Source Natural Foods. Location: 1116 Mission Street SE (12th and Mission) in Salem. Free parking is available off Lee St. Information: 503-363-1825 or www.HistoricDeepwoodEstate.org

June 1, Saturday, 9 am - 1 pm

Field Trip: Restored Oak Savanna and Wildflower Tour. See full trip description in the Cheahmill Chapter Events. Pre-registration required: Willamette Valley members register with John Savage to receive directions, 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.



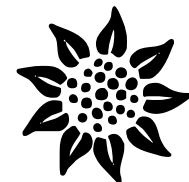
Green false hellebore (*Veratrum viride*) is in the Liliaceae family. This native perennial prefers wetlands and moist meadows.

Annual Meeting, continued from 1

up for sack lunches. Saturday's field trips are described in this issue. A history of the Elkhorn Mountains, where many of the field trips will take place, appeared in the March 2013 *Bulletin*. Upon return to Baker City, meet at Geiser Grand for the banquet starting at 5:30 pm. During a short meeting, the new officers will be sworn in and the NPSO Fellow award presented. Our speaker that evening is Mark Darach, botanist on the Umatilla National Forest, plant explorer, and geologist. Mark will give a talk about climate change and plant refugia as well as general musings of a Blue Mountains botanist.

Sunday morning, the NPSO State Board will meet at 9 am at the Crossroads Carnegie Art Center on Auburn, between First and Second Streets, a few blocks south and west of the Geiser Grand. Continental breakfast will be provided for those attending. There may be a Sunday morning field trip if enough people express interest.

Early registration helps us and our caterer prepare for the event. Do not expect to show up for the meeting without registering and order a catered meal. You may cook your own, buy from local grocery stores, bring food from home, or eat in Baker City restaurants, cafes or bars. You should also make your lodging reservation early, especially if you plan to camp. The Annual Meeting is for members only. New members are always welcome to join; use the membership form in the back of the *Bulletin*. Students interested in a scholarship should e-mail us at annualmeeting13@cusick.npsoregon.org. For more information and updates about the meeting, please visit our website: <http://williamcusick.npsoregon.org>, which will be available by mid-April.



GENE YATES

Field Trips and Tour for NPSO Annual Meeting 2013

Field Trips and Tour Meeting Location: Geiser-Pollman Park, located in Baker City near the downtown corridor with perimeters fronting on Campbell, Grove, and Madison Streets. It also borders the Powder River and connects to the Leo Adler Parkway via a foot bridge located near the local library.

Friday Tour:

Plantworks Nursery and Union Cemetery. Sandy Roth and Dick Kenton will give a tour of the nursery near Cove where they propagate native plant seedlings for restoration projects for a variety of land owners. Native shrubs are a specialty. On the return trip, we stop at Union Cemetery to visit the gravesite of William Cusick, a pioneering botanist in the Pacific Northwest for whom Cusick chapter is named. Meet at Geiser-Pollman Park to carpool at 1:30 pm, or join us at Plantworks in Cove at 2:30 pm. Return to Baker by 5:30 pm for the social at Geiser Grand Hotel.

Saturday Field Trips:

Field trips will leave from Geiser-Pollman Park in downtown Baker City. Plan to arrive by 8:00 am. Sack lunches can be picked up by those who ordered them. Water bottles can be filled here. Leaders will not wait for latecomers. If all trip participants have arrived early, leaders of trips with longer drives may wish to leave before 8:30 am. All trips depart at 8:30 am with return by 4:30 pm. Carpooling is highly encouraged and it is suggested that passengers pay the driver an appropriate amount of money (depending on the drive's length) to help defray the cost of gasoline and the wear and tear the car might experience. Dress appropriately for weather and bring plenty of water, lunch, sunscreen and good shoes/boots. Many trailheads are in the Anthony Lakes vicinity and will be about 45 – 70 min. drive from Baker City. Exceptions are noted below. Visit <http://williamcusick.npsoregon.org/> for more detailed field trip information.

1. Bigelow Lakes Botanical Area, Greenhorn Mountains. Moderate (4

miles). Leader: Mark Darrach, USFS Botanist/Geologist. We will drive to the top of the Greenhorn Mountains and the Vinegar Hill Scenic Area at about 8,000 feet. Hiking the area we will see vistas of the glacially dissected north face of the Greenhorns, as well as the Strawberry and Elkhorn Mountains. The area includes significant expanses of serpentine where we may see *Oreocarya subretusa* (synonym of *Cryptantha sobolifera*), *Polystichum lemmonii*, *Ivesia gordonii*, *Lomatium tarantulooides* (newly described species, not yet listed by the Oregon Flora Project), *Potentilla cf. versicolor* and many others in dry land and wetland settings. There are steep spots, consider trekking poles. Drive time is about 1 hour and 40 minutes, 4WD and high ground clearance vehicles required; vehicle availability will dictate the number of attendees allowed.

2. Big Lookout Mountain, an isolated peak enroute to Snake River country. Moderate (short). Leader: Berta Youtie, Ecologist and Siri Jackman, seed collector. Explore unique low elevation Wyoming sagebrush communities to high elevation mountain sagebrush and bitterbrush plant communities as well as western juniper, aspen, and Douglas fir woodlands. This will be an excellent time to see the regional endemic *Pyrrcoma radiata* (Snake River goldenweed) in full bloom. Terrific views in all directions. Abundant *Penstemon venustus* blooms for miles along the road. *Ipomopsis aggregata*, *Eriogonum heracleoides*, and *Eriogonum umbellatum* are likely to be in bloom. Learn about seed collection. Summit elev. 7,120 ft. Drive 86 miles RT, some rough roads.

3. Charles G. Johnson Research Natural Area. Easy (very short). Leader: Jenifer Ferriell, Ecologist – Malheur, Umatilla, and Wallowa-Whitman National Forests. Explore a tufted hair grass meadow and creek bordered by bladder sedge, as well as the nearby aspen-spruce bottom, nestled in the midst of the Elkhorn Mountains. The Research Natural Area is bordered by the North Fork of the John Day River to the south and the Elkhorn Scenic

Highway a short distance away to the north. It's an easy 1/8th mile walk from the highway to the meadow, leaving lots of time to botanize. Plan on seeing lots of wildflowers and getting your feet wet. Drive about 70 miles RT, on pavement.

4. Crawfish Lake, Elkhorn Mountains. Easy (4 miles). Leader: Roger Ferriell, BLM Botanist. Hike to Crawfish Lake, located in the northern portion of the North Fork of John Day Wilderness. We will see subalpine and wetland plants of the Blue Mountains and enjoy the stunning scenery of this remarkable area. The forest here is mostly Engelmann spruce, lodgepole pine, and subalpine fir. There are two ways to access the lake, there may be potential to do a shuttle and have an entirely downhill hike for about 3–4 miles. Field trip could also include a side trip to Crawfish Meadow (2 miles RT, 400 ft elev. gain), if participants are interested. The trail is moderately strenuous, but potentially all downhill. The upper trailhead is at 7,200 feet, Crawfish Lake is at 6,900 ft., and the lower trailhead is at 6,200 ft. Drive 76 miles RT, mostly pavement.

5. Elkhorn Crest Trail via Marble Pass, Elkhorn Mountains. Moderate-Vigorous (9 miles). Leader: Gene Yates, Forest Botanist – Wallowa-Whitman National Forest. Hike through the southern portion of the Elkhorn Crest National Recreation Trail that traverses the upper elevations of the Elkhorn Mountains. The trail winds through upper elevation mountain big sagebrush, fescue and elk sedge communities before gradually gaining elevation, wandering through clumps of white-bark pine and subalpine fir that dot the ridge and upper slopes. A variety of habitats can be encountered, from rock gardens adorned with *Phacelia sericea*, *Pedicularis contorta*, *Penstemon fruticosus*, *P. attenuatus*, and *Eriogonum spp.* At 4.5 miles an optional descent of 650 ft. brings one upon the strict local endemic, *Lomatium erythrocarpum* (red-fruited desert parsley). Mountain goat sightings very likely. Elev. 7,550-8,250 ft. Drive

65 miles RT, some rough roads. Recommend high clearance 4WD.

6. Headwaters of North Fork John Day River/Cunningham Cove, Elkhorn Mountains. Easy (5 miles or less). Leader: Paula Brooks, USFS Botanist. Visit the headwaters of the North Fork John Day River. This field trip will focus on an area that burned 16 years ago. We will see how the area has recovered since the Peavy cabin fire. We will also be able to admire riparian plants along the North Fork John Day River. There is a trail heading up to Cunningham Cove (trail 1643) from the end of the newly rebuilt gravel road (FS road 73-380). We may take this trail, or we may just take short hikes from various points along the road. Elev. 5,900 ft. at trailhead. Drive 100 miles RT, good road.

7. Hoffer Lakes and Anthony Lake, Elkhorn Mountains. Easy (3 miles or so). Leader: Jerry Hustafa, USFS Botanist. This field trip will visit an easily accessible small subalpine lake (Elev. 7,400 ft.), and moist meadow areas. There are big old trees, boggy areas, and perennial streams to explore. We will drive 35 miles from Baker City to Anthony Lakes campground (Elev. 7,150 ft.). There is a \$4.00 per car parking fee here. The trail leaves from the south side of Anthony Lakes, and is about one mile of moderate uphill hiking to Hoffer Lakes. If time allows, we can also explore other meadow areas around Anthony Lakes. There are many interesting sedges, and there may be a chance of seeing some elusive grapeferns. Drive 70 miles RT, on pavement.

8. Olive Lake to Saddle Camp, Greenhorn Mountains. Moderate (maximum 5.6 miles). Leader: Joan Frazee, Forest Botanist – Umatilla National Forest. Hike south from Olive Lake into the Greenhorn Mountains. The trail winds through mixed conifer forest skirting a marshy meadow with numerous species of *Carex*, including *Carex echinata*; potential to find *Botrychium* spp., *Athyrium americanum*, and a showy moss species *Helodium blandowii*. Proximal to Lake Cr, there is potential to see *Swertia perennis* and

Gentiana calycosa. As the trail climbs higher in the Greenhorn Mountains, known for its vast serpentine outcrops, there is potential to find *Polystichum lemmonii*. The trail continues to Saddle Camp at 7,070 feet with opportunities to hike south along the picturesque Saddle Ridge. Elev. 6,000-7,000 ft. Drive 116 miles RT.

9. The Lakes Lookout, Elkhorn Mountains. Easy (3 miles). Leader: Sabine Mellmann-Brown, USFS Area Ecologist. Visit an easily accessible high elevation (8,500 feet) site in the Elkhorn Mountains. Learn about the whitebark pine community including the widespread plight of blister rust. The short and moderately steep (about one mile each way), trail leads from near the top of the Anthony Lakes ski lift to the site of an old fire lookout. The view is spectacular; you will look down into Crawfish Basin, the headwaters of the North Fork John Day River, and the headwaters of Anthony Creek. Expect to see white bark pine and subalpine fir as the dominant trees. Wildflowers will include paintbrushes, penstemons, cinquefoils, and other subalpine species. The area is dry, well drained granitic soils, so most plants will be upland species. Drive 79 miles RT, high clearance vehicle (4WD not necessary) needed for last 1.5 miles. Trailhead (Elev. 7,800 ft.).

10. Van Patten Lake, Elkhorn Mountains. Moderate (4 miles). Leader: Susan Geer, USFS Botanist/Ecologist. A short but steep hike. *Arnica parryi*, *Gentiana calycosa*, *Cassiope mertensiana*, and *Phyllodoce empetrififormis* may be seen along the trail. In the large basin containing Van Patten Lake at 7,396 ft., meadows above and around the lake contain *Rhododendron albiflorum*, *Penstemon fruticosus*, and *Aquilegia flavescens*. We continue beyond the lake through large boulders and scattered whitebark pines. Granitic rocks above the lake yield *Geum rossii*. Those who wish may continue 0.2 miles to the saddle between Van Patten Butte and adjacent unnamed peak, or even uphill through huge boulders and snags to the summit at 8,729 ft. Elev. 6,550-7,396 ft. Drive 65 miles RT, on pavement.

2013 NPSO Botanical Workshop Program

by Cecile Shohet

The Rare and Endangered Plant Committee is launching a new and exciting botanical education program – Weekend Workshops – the first one is described on page 10 of this *Bulletin*. The workshops will create exciting opportunities for Oregon plant enthusiasts to learn more about the flora of our region. Information on workshop offerings, registration forms, etc. is available at <http://www.npsoregon.org/workshops.html>.

The workshops will offer opportunities for the native plant-loving community to botanize select areas in various parts of the state or to focus attention on difficult-to-key genera. All workshops will be led by knowledgeable instructors who are experts in the geographic area or taxa under study. The program will foster interactions and networking among members of the botanical community and facilitate better conservation and management of our land, resulting in an informed public that is better able to protect and enjoy the flora of our bioregion.

The workshops will have two primary focuses:

- Botanizing select areas in Oregon. Weekend workshops that focus on learning the flora of a particular bioregion, for example the Steens Mountain of Southeast Oregon. Local rare plants will be an important part of this type of workshop.
- Learning the taxonomy of difficult taxa. In a bag full of specimens to key – is the *Cryptantha* the one you pull out first?

Fees will be charged for the workshops. Instructors will receive an honorarium and mileage reimbursement; workshop costs would be reimbursed to the program.

Can you teach a workshop? Or do you have ideas for great workshops? If so, please contact Cecile Shohet, Co-Chair, Rare and Endangered Plant Committee, cshohet@gmail.com.

Planning Your Tour of Wildflower Festivals in Oregon Part I

by Gail Baker, Emerald Chapter

Have you ever thought about designing a road trip around wildflower festivals, walks and hikes? The calendar of events presented here may give you some ideas about fully immersing yourself in Oregon's spring wildflower season.

Interspersing wildflower festivals with wildflower walks is an easy way to increase your wildflower identification skills because the center of wildflower festivals is a beautiful display of fully labeled wildflowers of the region. The labels have both common and scientific names and often ecological and horticultural details. Many festival-goers now use their cell phones to photograph the flowers with labels for quick future reference on hikes. By

interspersing these festivals with wildflower walks or hikes, which are often offered by NPSO chapters, you will learn to identify plants when you see them in their native habitat, quickly becoming an "expert" by this repetition and immersion!

The festival calendar presented here is from responses to a request to NPSO Chapter Presidents all over Oregon. Additional festivals, along with web-based wildflower resources, will be listed in the May *Bulletin*. We hope to receive more responses for a more comprehensive 2014 calendar as we undoubtedly are missing some festivals. Please send your Wildflower Festival information to Gail Baker bakerg@lanecc.edu.

Chronological List of Upcoming 2013 Oregon Wildflower Festivals

Disclaimer/Caveat: All the information here was provided by individuals associated with the Festivals or gleaned from websites. When planning your wildflower trips please double-check directly with the event website to confirm dates and details.

April 6 - 7, 10 am - 4 pm

33rd Annual Trillium Festival & Native and Hardy Plant Sale
<http://www.tryonfriends.org/explore-tryon-creek/events/trillium-festival-2013/>
Location: 11321 SW Terwilliger Blvd., Portland.
Co-hosted by The Friends of Tryon Creek and Oregon Parks and Recreation Dept.

April 6, 10 am - 3 pm

Erythronium Native Plant Festival & Sale
http://historicdeepwoodestate.org/historic/estate/calendar_event/644/
Location: Historic Deepwood Estate, 1116 Mission St., Salem.
Sponsored by LifeSource Natural Foods.

April 27 - 28, 9 am - 5 pm (annually the last full weekend in April)

Glide Wildflower Show
www.glidewildflowershow.org
Location: 20062 North Umpqua Highway, see Umpqua Valley events for directions.
Sponsored by Glide Community Club.

April 28, 1 - 3 pm

Northwest Nature Shop Spring Wildflower Show
<http://www.northwestnatureshop.com/> (click on the Calendar link)
Location: NW Nature Shop, 154 Oak St., Ashland.
Co-Sponsored by NPSO Siskiyou Chapter and the NW Nature Shop.

May 4 - 5, 10 am - 4 pm

Shady Cove Wildflower Show
<http://www.shadycovewildflowershow.com/>
Location: Shady Cove Middle School, 37 Schoolhouse Lane, Shady Cove, Jackson County.
Sponsored by Shady Cove and Trail Wildflower Association.

NPSO Botanical Education Workshop Program



MELVIN DEE STRICKLER, ©1997; COURTESY OF OREGON FLORA PROJECT

Cusick's buckwheat
(*Eriogonum cusickii*)

SPRING FLORA IN EASTERN OREGON'S HIGH DESERT: SUMMER LAKE, CHRISTMAS VALLEY: THE BLACK HILLS, TABLE ROCK & FORT ROCK

Lake County, Oregon

Led By Ethnobotanist, Lucile Housley
5 PM, Thursday to 1 PM, Sunday,
May 16-19, 2013

Plant enthusiasts of all experience levels will enjoy this trip, where we hope to find rare flowering plants such as Cusick's buckwheat, Warner Mountain bedstraw, and snowline *Cymopterus*, as well as area regulars: paintbrush, balsamroot, Mariposa lily, broomrape, death camas and monkey flower.

Workshop Cost: \$200

This includes lunches on Friday, Saturday, & Sunday. Does not include lodging/camping, breakfasts or dinners.

For further information and to register contact:

Cecile Shohet, NPSO Rare and Endangered Co-Chair
cshohet@gmail.com
npsoregon.org/workshops.html

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.

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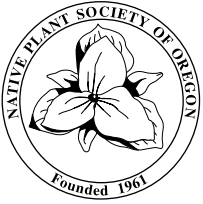
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Friends of the Oregon Flora Project

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, or phone 541-737-4338.

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.