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. 3 APRIL 2012

NPSO 2012 Annual Meeting, Illinois Valley, July 13-15

The Siskiyou Chapter is hosting the 2012 annual meeting of the Native Plant Society of Oregon in the Illinois Valley in the heart of the Siskiyou Mountains July 13 to 15. Why July? Because we love our high country so much that we want to share it with native plant enthusiasts from all over the state. Although the valleys are truly wonderful in May and June, snow blocks access to the high mountain wild places. Plus, fens and riparian zones are at their peak in July.

Our headquarters for the meeting will be the Deer Creek Center, which lies along Deer Creek at the base of Eight Dollar Mountain and serves as the gateway to the Wild and Scenic Illinois River. Co-owned by Southern Oregon University and Siskiyou Field Institute, the Center provides natural history education for youth and adults and supports research in the Klamath-Siskiyou Bioregion. Exploration of the region can begin right outside the door at the 850-acre Deer Creek Center, including riparian zones along Deer Creek and the Illinois River,



Bigelow Lake, Mt. Elijah area

Darlingtonia fens,
Jeffrey pine/bunchgrass savannas on
ultramafic substrates, and serpentine barrens. Plant
communities on the
sites are dominated by

native species; most non-native species cannot grow on these soils. However, these harsh conditions provide habitat for a number of rare and endemic taxa: Siskiyou trillium, cobralily, purple flowered rush lily, Oregon willow-herb, Waldo gentian, western bog violet, sawtooth sedge, Howell's microseris and Howell's mariposa lily.

From the beautiful Deer Creek Valley you can look east to the high western Siskiyou Mountains and west to ridges burned by the Biscuit Fire. Four wilderness areas in the region include Red Buttes, Kalmiopsis, Siskiyou, and the Wild Rogue Wilderness, as well as Oregon Caves National Monument. Research Natural Areas include Hoover Gulch, Cedar Log Flat, Brewer Spruce, Woodcock Bog, Grayback

Glades, Pipe Fork, and Lemmingworth Gulch.

To find the Deer Creek Center from Interstate 5, take an exit into Grants Pass (Exit 58 if you are driving south; exit 55 if you are driving north). Go through Grants Pass, bearing right onto Highway 199. Follow this highway over Hayes Hill and after about 20 miles you will arrive in Selma. At the first blinking amber light, turn right onto the Illinois

River Road and continue 1.3 miles to the Deer Creek Center gravel driveway, which is a left turn.

You can check in at the registration table at the Deer Creek Center starting at 2 p.m. on Friday. Afterwards, set up camp in the meadow, check into your room, go off to look for camping at nearby locations or check into a motel room in Cave Junction (only 10 miles continued on page 8

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April 2012

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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, with the following in the body of the message: subscribe npso

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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.

Native Plant Appreciation Week, April 29-May 5, 2012

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, NPSO chapters will celebrate Native Plant Appreciation Week, April 29-May 5, with a variety of activities. 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. Join in the fun by participating in the many wonderful events listed in this *Bulletin*.

Invasive Species Update: Arundo donax

by Daniel Luoma

The Legislative Committee, led by Billy Don Robinson, has continued to make progress on explaining our concerns about giant cane (*Arundo donax*) to members of the Oregon Legislature. The position of NPSO is that the current placement of giant cane on the Oregon Department of Agriculture's weed "Watch List" is an insufficient response to the threats posed by this invasive species. Further, we find that the ODA's Risk assessment for giant cane understates the risks represented by giant cane. The Invasive Species Compendium of the Centre for Agricultural Bioscience International provides the following summary of the harms posed by giant cane:

"A. donax is an aggressive species with an ability to reproduce quickly, allowing it to out-compete native plant species, and has established itself as one of the primary threats to native riparian habitats in its introduced range, dramatically altering ecological and successional processes and altering habitats towards dense, monotypic stands up to 8 m tall. It uses more water than native plants, lowering groundwater tables. Control is an expensive process involving cutting plants to the ground and manual application of herbicides to avoid harming native species."

NPSO is putting forth the argument that the costs to Oregonians of an invasion by giant cane outweigh any economic benefit offered by its use as a biofuel. The opportunity costs of not using invasive species in the first place are well worth such an investment as a preventative measure, thereby avoiding the higher future costs that are associated with battling an invasive species.

The Oregon Department of Agriculture (ODA) is currently in a fact-finding mode with regard to rule making for giant cane. ODA has provided NPSO with a draft copy of the rule and we have an opportunity to comment. If you are interested, please contact your chapter president or other NPSO board member for a copy of the draft rule. Please send your comments to Billy Don Robinson (contact information listed in the *Bulletin*) and a copy to your chapter president.



Babyfoot Lake panorama

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NPSO CALENDAR

State Notes

April 7, Saturday, 9:30 am-2 pm

NPSO Board Meeting. NPSO

Umpqua Chapter is hosting this quarter's State board meeting in Roseburg. This will be a good time to meet current state board members. All members are welcome to attend. The meeting will be held at the Douglas County Museum of Natural History, Interstate 5, Exit 123. The museum is easy to find. Contact Donna Rawson 541-459-2821 evenings for information.

July 13-15, 2012

Save the Date: NPSO Annual Meeting. The Siskiyou Chapter is honored to be hosting the State Annual Meeting for the Native Plant Society of Oregon this year at Deer Creek Center in Selma, Oregon, July 13-15, 2012. Our very special guest speakers will be Dr. Susan Harrison who will present Serpentine Plant Diversity in the California Floristic Province (Including Southern Oregon) and Dr. Linda Vorobik who will present Siskiyou Wildflowers: Art and Inspiration. Field trips will feature the high western Siskiyous with trips to Babyfoot Lake, Black Butte, Sanger Peak, Tanner Lakes, Bigelow Basin and more. Refer to registration information in this Bulletin or go to: http://siskiyou.npsoregon. org/2012annualmeeting/. Remember: only current NPSO members can attend Annual Meetings. Please renew your membership.

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. To be added to the e-mail list for

upcoming programs and events, please contact cheahmillchapternpso@comcast.net.

April 26, Thursday, 7 pm

Talk: Wildflower Photography:
Outsmarting your Pocket Camera's
"Auto" Setting. Ecologist and nature photographer, Craig Markham, will explore the basics of good wildflower and landscape photography. Many of us set our pocket cameras to "auto" and then wonder why our "great shots" don't turn out as well as we had expected. Craig will illustrate how better to control your results using camera

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.

settings, composition, lighting, focus, and steadiness. (See related workshop below.) Location: McMinnville Library, Carnegie Rm., 225 N.W. Adams St., (Hwy 99 and N.W. Second St.), Contact: Paul Studebaker, 503-472-1868.

April 28, Saturday, 9 am-12 pm

Class: Photography Workshop with Craig Markham. Join Craig in this a free outdoor follow-up practice session based on the above program. Bring your own camera, and we'll apply what we've learned and make the most of your camera's close-up setting. Location: McMinnville Library Garden, Carnegie Rm., 225 N.W. Adams St., (Hwy 99 and N.W. Second St.), Contact: Paul Studebaker, 503-472-1868.

Ongoing

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, which always is scheduled for the week after our regular program meeting; the day and time usually changes in April to a weekday evening. Bring gloves and garden tools if you have them. Information: Susan Williams, 503-538-1865 or 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 or 541-754-0893.

April 9, Monday, 7:30 pm

Talk: The endangered wildflower Willamette Daisy (*Erigeron decumbens*). Denise Giles of the Institute for Applied Ecology and Katie Gallagher, a master's student at Oregon State University, will speak about their work with the endangered Willamette Daisy. Are the current introduction efforts creating

self-sustainable populations? Location: Avery House Nature Center, Avery Park, Corvallis. Information: Esther McEvoy 541-754-0893.

April 14, Saturday, 9 am-4:30 pm Workshop: Beginning willow iden**tification.** Learn to identify some of Oregon's willows and help the Oregon Flora Project (OFP) at the same time. The Carex Working Group will present a beginning willow identification class to share their love of in willows and to test a willow identification key being written for the OFP. Willow specimens and some dissecting tools will be provided, but bring what you have. Your input is important for ensuring that we write a key that people can actually use! Location: Room 1070, Cordley Hall, Oregon State University. Please send an e-mail to Nick Otting at duckfoot@ lifetime.oregonstate.edu to RSVP.

April 21, Saturday, 9:30 am Hike: Wildflower Walk on the Lower North Ridge Trail of Mary's Peak.

Join us as we look at the wildflowers of spring on the lower slopes of Mary's Peak. This is a fairly easy trail section, 4 1/2 miles round trip. Dress for the weather, wear sturdy walking shoes, and bring water and lunch. We should return by 2:00 p.m. Location: Meet at the OSU Parking lot across from the Beanery at 26th and Monroe. Information: Call Louise at 541-753-0012.

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 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, ranging from scientific photography, documentary work, and wedding photography. His work includes such icons as chickadees, camas lily, our great woodlands and everything from the Cascade Crest to our ocean shores. Whether it be a walk through town, or an extended stay in the wilderness; he strives to reflect through his work the natural beauty of subject matter which is often overlooked. See Headwaters Photographic: www.headwatersphoto. com. Location: EWEB Training Room, 500 E. 4th Ave., Eugene. Information: 541-345-5531.

April 28, Saturday, 12:30-3 pm Field Trip: Wildflower walk at the Oregon Country Fair property near **Veneta.** The walk is on flat land. Habitats are riparian, wet meadow, and forest. Co-leaders Bob Nesbit and Charlene Simpson have invited an ethnobotanist to come on the walk so that we can learn about plants used by the indigenous people of the region. Carpool rides: In west Eugene, meet under the tall fir trees in Lowe's Home Improvement store parking lot on the north east corner of West 11th St. and Bailey Hill Rd. Arrive about 12:15 pm. We'll depart about 12:30 pm for the drive to the Oregon Country Fair site, arriving in time for the field trip.

May 5, Saturday, 10 am to 2 pm Field Trip: Native Flora of the Lower **McKenzie.** Join the McKenzie River Trust, Native Plant Society of Oregon, and Lane County Parks as we explore riparian forest and upland Douglas-fir and oak forest on a tour of the Berggren Watershed Conservation Area and neighboring Vickery Park. We begin at the Berggren property, touring the farm fields and riparian area with an eye to habitat restoration. Pause for a BYO lunch by the McKenzie River, and then continue on to the undeveloped and relatively pristine Vickery County Park next door. This riverside park of 80 acres covers a steep, rocky hillside. Diverse habitats include oak savanna and dense forest. For more information and to sign-up, go to the MRT website, at www.mckenzieriver.org or call Liz at 541-345-2799.

May 19, Saturday, 9 am

Mount Pisgah Arboretum Wildflower
Festival Collection and Setup. If
you'd like to help collect flowers for the

show please contact David McClurg at dpm@efn.org or call 541-746-9478. To help set up displays, come to the Arboretum at 9 am, Saturday.

May 20, Sunday, 10 am-4 pm
Mount Pisgah Arboretum Wildflower
Festival. A plant sale and hundreds of
native wildflowers will be on display.
There will be live music, information
booths of many local organizations,
and food! Sponsored by the Mount
Pisgah Arboretum, Lane Community
College's Botany Department and Emerald Chapter, NPSO. Information:
541-747-3817.

May 21, Monday, 7:30 pm

Presentation: A Botanical Life. Rhoda Love presents "A Botanical Life," a short old-fashioned, slide show depicting Rhoda's botanical excursions and adventures. Dr. Love taught botany for many years at Lane Community College and has been an influential member of Emerald Chapter, NPSO since its founding more 30 years ago. Location: EWEB Training Room, 500 E. 4th Avenue, 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.

Mid-Columbia

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

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. 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, Orobanche uniflora and possibly Lewisia rediviva. Information: Don Hardin, donhardin@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. Their property includes 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. He will emphasize simple, effective steps that farm owners, neighbors, and committed town folks can take cooperatively to enhance habitat for pollinators, birds, and native plants on both sides of the Cascades. Education of youngsters and collaboration with non-profits 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 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.

April 7, Saturday

Field Trip: Catherine Creek. We'll walk the route of a proposed trail from Catherine Creek to Minor Creek, and then follow roads and trails up Tracy Hill to see where the equestrian trail is routed. The current status of the Catherine Creek Recreation Plan will be discussed. At least 50 flower species should be blooming by this date including Camassia quamash, Cardamine nuttallii, Dodecatheon poeticum, Fritillaria affinis, Fritillara pudica, Plectritis congesta and perhaps some rare species. Moderate walking of 4 to 5 miles with 900 ft. elevation gain, some cross country. 120

mile round-trip drive. Information: Paul Slichter at 503-661-3292 or pslichter@frontier.com.

April 12, Thursday, 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, a mutually beneficial arrangement. 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. Additionally, 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 or 503-292-2093.

April 14, Saturday

Field Trip: The Deschutes River Hike. 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 just emerged from over-wintering pupae, perhaps also some mourning cloaks and anglewings which have hibernated as adults. Of course, we will also see many plants. 190 mile round-trip drive. Sign up will be available at Bill's talk on April 12th or contact Angie Moore at mlm@teleport.com or 503-292-2093.

April 26, Thursday

Field Trip: Memaloose Hills Hike.

Moderate, 4.5 miles, 700 foot elevation gain. Moderate hike in the east gorge. We will be looking for early to midspring wildflowers. The Memaloose Hills hike 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. This trail is jam-packed with a large variety of species and big shows of either *Collinsia parviflora*

or *Balsamorhiza deltoidea*. It boasts a pioneer road, basalt formations, several lovely views of the Columbia River and views of both Mt. Hood and Mt. Adams. Located just east of the town of Mosier, this flower-filled hike was a favorite of Russ Jolley. 140 miles round-trip drive. Contact Beth Magnus at magnuselisabeth@gmail.com or 503-706-5108.

May 3, Thursday

Field Trip: 3 Creeks Natural Area Hike with Rick Till. An easy hike in North Clackamas County on undeveloped trails through oak woodlands, bottomland hardwood forests, seasonal wetlands, and one of the largest populations of camas in the Metro region. We will be looking for camas, checker lily, white fawn lily, trillium (Pacific and small flower), and other surprises. Less than half a mile from Exit 14 (Sunnyside Blvd.) off of I-205. Contact Rick Till at ricktill@gmail.com or 503-750-6599 for more information.

May 6, Sunday

Field Trip: Grass ID/Hike. A grass ID/hike is tentatively scheduled at Tualatin River NWR. This is a follow up to one held there last September; both those who attended last year and newcomers are welcome. 32 miles roundtrip drive. Contact Rick Shory at rick-shory@gmail.com for additional information and to sign up.

May 10, Thursday, 7 pm

Meeting: Grand Ronde Ethnobotany: A brief discussion on traditional plants and their uses by the Confederated Tribes of Grand Ronde. Join Eirik Thorsgard, Tribal Historic Preservation Office of the Confederated Tribes of the Grand Ronde Community of Oregon. Location: Metro building at 600 NE Grand Avenue, Portland, Oregon. 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 starts at 7 pm. Formal meeting begins sharply at 7:15 p.m. Contact: Angie Moore at mlm@teleport.com or 503-292-2093.

May 19 and 26, Saturdays, 8:30 am-4 pm

Class: Plant Keying. Two day class 8:30 AM to 4:00 PM at Tryon Creek State Park taught by Brent Miller. Botanical keys can be very daunting. This class will teach you how to use a key to identify live or pressed plants. The first day of class will be with plants in a classroom learning how to read a key, and getting familiar with basic technical vocabulary. Class will be highly interactive to get you the knowledge you need to improve your keying skills. The second day we'll take our knowledge into the field, literally by bringing our floras with us, but also by keying out plants in their native habitats. There will be a charge for the class. NPSO members have first enrollment priority. Details will be determined closer to the class date. For more information or to sign up for the class, contact Angie Moore at mlm@teleport.com or Roger Brewer at rogerbrewer@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 2012, make a suggestion, or provide feedback regarding the field trip program please contact Sasha Joachims at: sasharain71@gmail.com.

April 14, Saturday, 9 am

Field Trip: Fire and Vernal Pool Restoration Spark Renewal in the Agate Desert. Join Keith Perchemlides and The Nature Conservancy for an easy walk at their Agate Desert Preserve, then tour a Conservancy-managed ODOT vernal pool mitigation site that is also 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 and a restoration site for a native mounded prairie and vernal pool ecosystem. 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 wooly 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. 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.

April 19, Thursday, 7:30 pm

Talk: Rare Plants of Crater Lake. This presentation by Botanist Katherine Williams will highlight the rare plants found at Crater Lake National Park with a special focus on Pumice Grapefern (*Botrychium pumicola*). Location: Southern Oregon University, Science Bldg., RM 171. Refreshments at 7:15 pm, meeting and program at 7:30. Contact Kristi: 541.941.3744.

April 28, Saturday, 9:30 am

Hike: Rough and Ready Creek. Suzanne Vautier from the Cultural & Ecological Enhancement Network will lead an easy hike at Rough and Ready Creek to admire the spring wildflowers and provide an update regarding the status of the Alyssum murale and A. corsicum invasion threatening this unique serpentine community. We will meet at the wayside parking area on Highway 199 at 9:30am. Parties interested in carpooling from Ashland should meet at behind the Oil Stop at7:30 am and folks interested in carpooling from Grants Pass at the Wal-Mart parking lot next to the Taco Bell at 8:30am. Carpools unguided and self-directed. Contact Suzanne Vautier at gourdnbead@ yahoo.com or 541-291-8860.

May12, Saturday, 9 am

Hike: Upper Table Rock. Join Sasha Joachims on an easy hike through oak woodland, chaparral, mixed woodland, to the mounded prairie/vernal pools on the top. Highlights include the endemic southern Oregon buttercup, the rare

dwarf wooly meadowfoam and many other spring flowers. We will meet at the Upper Table Rock trailhead off Modoc Rd. at 9am. Parties interested in carpooling from Ashland should meet at behind the Oil Stop at 8am(leave by 8:15) and folks interested in carpooling from Grants Pass at the Wal-Mart parking lot next to the Taco Bell at 7:45am (leave by 8). Carpools unguided and self-directed. Contact Sasha Joachims at sasharain71@gmail.com or 541-661-3492.

May 17, Thursday, 7:30 pm

Talk: 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). Southern Oregon University, Science Bldg., RM 171. Refreshments at 7:15 pm, meeting and program at 7:30. Contact Kristi: 541.941.3744...

Umpqua Valley

Visit www.umpquavalley.npsoregon. org for more information on chapter activities.

April 21, Saturday, 10 am-4 pm

Event: Earth Day Celebration and Fair. Be sure to visit our NPSO booth when you come to the Earth Day Fair. We will have members ready to answer any questions and handouts about NPSO. This event is free to the public. Location: Douglas Hall at the Douglas County Fairgrounds in Roseburg, I-5 exit 123.

April 28 and 29, Saturday and Sunday, 9 am-5 pm

Glide Wildflower Show. Kick off the start of Native Plant Appreciation week at 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. It will give you a better appreciation for the diversity and beauty of our own native flora. Be sure to visit our NPSO booth. Native plants will be for sale on Sunday May 29 beside the annex. The event is held at the Glide Community Center.

Information: www.glidewildflowershow. org.

April 28 and 29, Saturday and Sunday, 12:15 pm

Field Trip: Wildflower identification walk at Swiftwater trailhead.

An added bonus this year. Join two wildflower show collectors and learn to identify common flowers and shrubs in their native habitat. The trailhead is just 5 minutes from the Glide Community Center. Parking lot available past the Swiftwater Bridge on Highway 138. Contact Donna Rawson 541-459-2821 evenings for carpooling information from Roseburg.

May 5, Saturday, 9 am-4 pm
Event: Native Plant Sale Roseburg.
6th year. Visit our NPSO booth and plant sale at the Master Gardeners
Plant and Garden Expo at the Douglas
County Fair Grounds. I-5 exit 123.
Also visit us at the Douglas County
Museum lawn. Members available to
answer your landscaping and restoration questions. Information: Donna
Rawson 541-459-2821 evenings.

Willamette Valley

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

April 12, Thursday, 7 am-9 pm

Program: Wildflower and Ethnobotany Class. Dr. Morris Johnson, Professor Emeritus at Western Oregon University, will discuss native plant families and flowers common to the Willamette Valley and Western Oregon. He will also explain how the indigenous people used the plants for food, shelter, medicine, clothing, hunting and religious ceremonies. Date and time for a corresponding field trip will be announced in class. Location: Straub Environmental Learning Center, 1320 A St. NE, next to Olinger Pool, near North Salem High. The class costs \$5 and is open to the public. Registration is required. For more information and to register call 503-391-4145.

April 18, Wednesday, 6- 7:30 pm Program: Wildflower Walk. John

Savage of the Willamette Valley Native Plant Society will lead a wildflower walk through Bush Park and Deepwood Estate. Nearly two dozen native wildflowers will be in bloom. Participants should meet at the bottom of the Soap Box Derby Track off Mission Street. Free and open to the public. For more, information, call John Savage after 7 pm at 503-399-8615.

William Cusick

Visit our Web site at http://williamcusick. npsoregon.org or contact Laurie Allen at 541-805-0499 for updates and general information.

Please watch for chapter related events coming in April, May, and June. Events to include native plant sale and nursery tour in Cove, weeding and wildflower viewing, and the Bird-a-thon at Ladd Marsh.



NPSO Needs a New Membership Chair

NPSO needs a new Member-ship Chair! - if you are looking for a way to make a significant contribution to the Society, have a few hours a week of spare time, and enjoy working with computers, then please let the out-going Chair, Clayton Gautier (cgautier@ comcast.net) know you are interested. A general description of the duties and responsibilities can be found in the NPSO Board Handbook (http://npsoregon.org/ documents/NPSOBoardHandbook.pdf). Clayton will be happy to provide additional details and answer any questions you might have. Thanks!

NPSO Mourns the Loss of Two Members

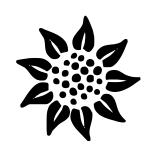
Emerald Chapter founding member Kenneth Lodewick and NPSO's webmaster and botanical photographer extraordinaire, Norm Jensen. Memorials for Kenneth and Norm will be included in the May issue of the NPSO Bulletin.

NPSO Needs Your Help!

Youth Outreach Committee: Nikki Wiseman, a senior in Anthropology at OSU and native plant lover, has accepted an appointment as the chair of the new Youth Outreach Committee. The goal of the committee is to find ways to get younger people more involved in our society. Nikki is young, enthusiastic, and full of great ideas... but she needs your help. Join the committee (which will primarily meet via email) and share your ideas. To join, email Nikki at: nswiseman@gmail. com.

Eastside Conservation Chair:

We're still looking for an Eastside Chair. A number of Eastside issues have arisen that affect native plants such as grazing permits, growing giant cane, goat releases, etc. We need someone who is attuned to these issues and can keep us up to date. If you are interested, or think you might be and want more information, email NPSO President, Judi Sanders at judi.sanders@gmail.com.



NPSO Annual Meeting, cont. from page 1 away). There is room for recreational vehicles in the parking lot, but there are no hookups. Deer Creek Center is a no smoking/no pets facility, so please do not bring your dog.

The registration fee includes Friday evening snacks and a complementary wineglass with Native Plant Society of Oregon and our Calochortus logo imprinted on it. Bring your glass to the social hour that starts at 5:30. Lemonade will be provided, but you may also bring wine, beer, fruit juice, sodas, etc. The evening program starts at 7:30. Our speaker is Linda Ann Vorobik, a famous botanical illustrator and artist who is well-versed in the flora of southwestern Oregon. The title of her talk is Siskiyou Wildflowers: Art and Inspiration.

Breakfast is at 7 Saturday morning, with lunch supplies available soon afterwards. Meet up with your field trip leader and be ready to leave by 8:30. Saturday's field trips are described in this issue. After returning from the field trip and cleaning up afterwards, come to the "social hour" at the Selma Center, which starts at 6 p.m. and is followed by the banquet. Bring your wineglass again, because our caterer does not provide glassware. You may bring your own beer or wine; lemonade and water will be served. During a short meeting, the new officers will be sworn in and the NPSO Fellow award presented. Our speaker that evening is Susan Harrison, Professor in the Department of Environmental Science and Policy, UC Davis, and co-author of Serpentine Geoecology of Western North America. Her talk is Serpentine Plant Diversity in the California Floristic Province (which includes southern Oregon).

2012 NPSO ANNUAL MEETING Deer Creek Center: Selma Oregon



Sunday morning the NPSO State Board will meet at 9 and brunch will be provided for those attending. If you'd like to attend a field trip on Sunday, please indicate that on your registration form. For those staying at the Deer Creek Center, checkout time is 11 a.m.

Our caterer is Kate Dwyer, who uses local, fresh, organic ingredients, simply and deliciously crafted into meals. The menus provide options for vegan/vegetarian/gluten-free diets, but if you have food allergies that preclude partaking of the catered food, we recommend that you use another option. The menus are posted on the website so you can plan ahead. Snacks for the Friday evening social are included in the registration fee. For all other meals, indicate on the registration form which meals you want to purchase. Breakfast is \$6, lunch \$9, and the banquet \$24. Early registration helps us and our caterer prepare for the event. Do not expect to show up for the meeting without registering, and buy meals. You may cook your own, buy from local grocery stores, bring food from home, or eat in Illinois Valley restaurants, cafes or bars. Use of the Deer

Creek Center kitchen is limited to those staying in the rooms inside, and the caterer has priority Saturday morning.

If you want to stay at the Deer Creek Center, there are three private rooms and a 6-bed coed dorm room. The private rooms cost \$50 per night for one (\$60 for 2 or \$70 for 3 occupants), and a bed in the dorm is \$18 per night. These rooms

include use of the kitchen, indoor bathrooms and bedding. Towels are provided for private rooms, but bring your own for the dorm. Two yurts, one each for men and women, have beds with pads and cost \$12 per person per night. Bring your own sleeping bag and towel. The bath house nearby has flush toilets, sinks and hot water showers. There is ample room for camping in the grassy field next to the headquarters, so you can pitch a tent or lay your sleeping bag under the stars. Or park your campervan, trailer or small motorhome in the parking lot (no hookups) and use the bath house. All of the camping options cost \$8 per night. If you want to stay in a room, act quickly, but call Julie Spelletich @ 541-951-1744 for room availability prior to registering.

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 annualmeeting12@siskiyou.npsoregon.org. For more information and updates about the meeting, please visit our website: http://siskiyou.npsoregon.org/2012annualmeeting/.



Mt. Elijah panorama

Annual Meeting Field Trip Descriptions

Field trips leave from the Deer Creek Center (DCC) parking area at 8:30 AM unless otherwise stated. Arrive 15 minutes before departure. Leaders will not wait for late comers. Field trips return by 4:30 pm. Carpooling is encouraged, with expenses divided among passengers. Dress appropriately for weather (layers) and wear good shoes/boots. Bring 2 quarts of water, sunscreen, and lunch. The Siskiyous are steep, rough terrain with hot summer days – consider this when choosing your trip. For more detailed field trip information, plant lists and photos visit http://siskiyou.npsoregon. org/2012annualmeeting/fieldtrips.php.

Saturday, July 14, 2012

T.J. Howell Botanical Drive-Babyfoot Lake, a Botanical Adventure. Moderate. Leaders: Linda Ann Vorobik (Principal Illustrator - Jepson Manual) and Armand Rebishschke (BLM Botanist). Fabulous trip both on- and off-serpentine, and burned vs unburned areas of the 2002 Biscuit Fire. Botanize several locations on way to trailhead, including Days Gulch Darlingtonia fen. Hike 1.2 miles into Babyfoot Lake. *Cypripedium californicum; Lilium bolanderi, Asclepias cordifolia*, and many other great species. 40 miles RT. (15 participants)

Tanner Lakes: Champion Trees and Glorious Grasses. Moderate. Leaders: Frank Callahan (CEO Callahan Seeds) and Cindy Roché (Grass Illustrator for Flora of North America). Hike 1.8 miles into Tanner Lakes basin in Red Buttes Wilderness, an area of old growth conifers, including two Oregon State Champion Trees. Learn how site, soil, and altitude affect tree growth and conifer diversity; discuss new identification techniques (terpenes). Identify glorious grasses underfoot with Cindy. 70 miles RT. (15 participants)

Photographic Exploration of Deer Creek Fen. Easy. Leaders: Mark Turner (botanist, photographer, and co-author of Wildflowers of the Pacific Northwest) and Karen Phillips (SFI Program Director). Discover a mosaic of Darlingtonia fens and serpentine forest environments, while exploring photographic techniques to capture intimate details of *Darlingtonia californica*, *Cypripedium californicum*, numerous sedges, and the rare black petaltail dragonfly. Leisurely trip with time to absorb hints, tips, and demonstrations of photo techniques. All camera types welcome. Bring tripod, remote release, and portable light modifiers. End 3:00 pm. (15 participants)

Bigelow Lakes Botanical Area. Moderate. Leaders: Kristi Mergenthaler (Botanist) and Dennis Odion (Ecologist). Hike to large wet meadows at 5,900' in a glacially-carved granitic cirque jammed with Veratrum californicum, Helenium bigelovii and other flowering morsels. Rare and endemic plants include: Gentiana plurisetosa, Iliamna latibracteata, Lilium pardalinum ssp. wigginsii, Quercus sadleriana, and easy-to-identify sedges Carex aquatilis, C. exsiccata, C. lenticularis, C. luzalina along with Scirpus congdonii and S. microcarpus. 62 miles RT.

Redwood Forest Ecology: The Big Trees-From the Ground Up. Easy.

Leader: Rick Hiser (Naturalist). ½ mile hike. Explore the unique life history of the tallest living beings. Start with the area's geology and move up through old-growth redwood groves to second growth of various ages. Look at intricate relationships between these trees and their environment, including salmon and the "perched ecosystem" in the canopy of these giants. 122 miles RT. (15 participants)

Oregon Caves National Monument - Big Tree Trail and Cave Tour. Moderate. Leader: John Roth (NPS Chief of Resource Management). Hike the Big Tree Trail (3 mile loop - elevation gain 1,100') and observe differences in vegetation on diorite, serpentine, peridotite, marble, and argillite. Lunch at high elevation serpentine. Back to the Caves around 3 pm for an hour long trip through the first third of the cave to see great examples of mycorrhizae. 60 miles RT.

Sanger Peak area in Del Norte County, California. Moderate. Leader: Wayne Rolle (Forest Botanist, Rogue River-Siskiyou National Forest). A loop driving trip with stops and explorations along primitive FS roads. Several short bushwhacks and cross-country scrambling up to 1/2 mile (steep & rocky). Whiskey Lake, Sanger Peak. Interesting graminoids: Schoenoplectus subterminalis (Scirpus subterminalis), Carex gigas, Carex serpenticola, Poa piperi. Also Lewisia leana, Lewisia cotyledon, Draba howellii, Brewer's spruce. High clearance vehicles only. 70 miles RT. (20 participants)

Fire Ecology along Limpy Creek Botanical Trail. Moderate. Leader: Dr. Tom Atzet (Ecologist). The trail is a one mile loop with interpretive signs. Emphasis on the ecological control agent of fire. Fire is the most influential process affecting species composition, structure and ecosystem health in this landscape. Other agents such as insects, diseases, and climate extremes are also evident. An unusual geologic type (ultramafics) adds to the uniqueness and species diversity. Finish Time: 1:00 pm. 40 miles RT. (30 participants)

Black Butte and Lookout Mountain to Polar Bear Gap. Strenuous. Leaders: Lee Webb (Wildlife Biologist) and Cecile Shohet (Calypso Botanical Consulting). 5 mile hike, 50% off trail, in mostly open habitat. Hike the headwaters of the East Fork Illinois and Middle Fork Smith Rivers, mostly within the Siskiyou Wilderness. Explore varied habitats and spectacular views (4,800' to almost 6,400' - 2,600' el gain). Many interesting plants in serpentine and non-serpentine areas - including Fritillaria glauca, Lewisia leana, and Picea breweriana. 70 miles RT. (15 participants)

Dutchman Peak Botanical Area. Moderate. Leaders: Barbara Mumblo (USFS Botanist) and Shelley Tanquary (30 year NPSO member). At 7,400' elevation, Dutchman Peak sits along the Siskiyou Crest and provides habitat for many species, including some more

common in eastern Oregon, such as Artemisa arbuscula and Cercocarpus ledifolius. A high elevation serpentine plant community on nearby Observation Peak may also be visited. Rare species include Horkelia hendersonii, Castilleja schizotricha, Epilobium siskiyouense, Erigeron bloomeri var. nudatus, Polystichum lemmonii, and Erigeron petrophilus. 140 miles RT. (25 participants)

Old Wimer stage road - Oregon Mtn Botanical Driving Tour to Gasquet, CA. Easy. Leaders: Roger Brandt (Historian) and Richard Callagan (Botanist-Siskiyou Biosurveys). The tour follows stage roads constructed in the 1880s, upgraded with gravel surfaces. Flora varies over the route: Jeffery pine woodlands, Douglas-fir forest, riparian zones along Shelley Creek, and communities with lodgepole pine, western white pine, knobcone pine, tan oak and canyon oak. Several Darlingtonia fens are located along the route. 60-70 miles RT. (20 participants)

Pacifica and Forestfarm Nursery, Williams, OR. Easy. Leaders: Ray and Peg Prag (Founders of Pacifica and Forestfarm Nursery). For those with a horticultural inclination, this is an easygoing day with no strenuous walking. Hike trails and take a tour of Pacifica (420 acres), a non-profit committed to a botanic garden and nature education

center. Tour Forestfarm Nursery where over 4,000 kinds of plants are raised. Return to DCC by car caravan on forest gravel roads (about 30 miles) over the Siskiyous Mountains. -60 miles RT.

Lichens and Bryophytes of Eight Dollar Mountain. Moderate - Strenuous. Leaders: Scot Loring (Pacific Crest Consulting) and Dr. Daphne Stone (Consulting Botanist & Lichenologist). A Climb up Eight Dollar Mtn, seven miles RT on maintained trail with an elevation gain of 2,500' (4,000' at summit). Explore the flora of this unique serpentine/peridotite mountain and take in fantastic views. Hike through Jeffery pine savannahs and Darlingtonia fens. Locally endemic Pseudoleskeela serpentinensis will likely be found and possibly rare Scouleria marginata. A highpowered hands lens is recommended. 10 miles RT.

Woodcock Bog Research Natural Area and West Fork Illinois River. Easy. Leaders: BLM botanists Marcia Wineteer and Rachel Showalter. 2-3 miles hiking on road and off trail. Woodcock Bog represents an outstanding example of a hanging fen on serpentine soils, as well as open forest stands of *Pinus jeffreyi* and denser stands of Chamaecyparis lawsoniana. Floristic highlights: Darlingtonia californica and blooming *Epilobium oreganum*,

Gentian setigera, Calochortus howellii, Viola primulifolia ssp. occidentalis. Also visit habitat along the West Fork Illinois River with Monardella purpurea, Epilobium rigidum, Castilleja brevilobata, and Eriogonum pendulum. 40 miles RT. (12 participants)

Sunday July 15, 2012

Climate and Prairie Restoration Research Plots. Easy. Leader: Tim Tomaszewski (Postdoctoral Associate). A 0.5 - 1 hour easy walking tour of the University of Oregon's climate change research plots located adjacent to Deer Creek Center. Visit the experimental plots where the environment has been altered to reflect warmer and wetter conditions. Discover the impact of this future climate scenario on native and exotic prairie plants. Two presentations at the research plot: 8:30 am and 10:30 am. (20 participants each)

Desert Creek Research Natural Area - Crater Lake National Park. Moderate. Leaders: Jen Beck (Ecologist) and Calvin Farris (Fire Ecologist). Excellent representation of unlogged and ungrazed ponderosa-lodgepole pine forest with antelope bitterbrush steppe (and long-stoloned sedge). Hike through Sharp Desert and climb nearby peak for a landscape view (elevation gain < 800', altitude 5,000-5,800'). Discuss Forest health issues, including former (1970s-1980s) and upcoming prescribed fire work. Meet just south of Hwy 138 and Forest Road 70 junction, then caravan to parking site, drive 12-16 miles on dirt roads.

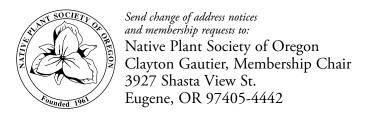
Hike Onion Camp to Whetstone Butte. Moderate. Leaders: Lee Webb (Wildlife Biologist) and Karen Mc-Cullough (Botanist). Stop at Eight Dollar Mtn. Darlingtonia boardwalk, continue 14 miles on Rd 4201 to top of ridge – most of the trip within the 2002 Biscuit Fire area. Stop to see Lupinus tracyi and Picea breweriana; then to Onion Camp trailhead, and hike on trail 2.5 miles roundtrip to Whetstone Butte, on the edge of the Kalmiopsis Wilderness. Great serpentine vistas. Lilium bolanderi, Xerophyllum tenax, Quercus sadleriana and Pinus jeffreyi. 45 miles RT.



View of Eight Dollar Mountain

Native Plant Society of Oregon Membership Form

Name	DUES include monthly Bulletin and Kalmiopsis when published.
Address	Membership is for the calendar year. New memberships enrolled after July 1 include the following year.
CityStateZip+4	New Renewal
Phone E-Mail	Student – \$12
Chapter (if known)	☐ Sustaining – \$60 ☐ Patron – \$125 ☐ Life Membership – \$500
Is this a change of address? If so, please write your old address here:	CONTRIBUTIONS to NPSO are tax deductible.
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NATIVE PLANT SOCIETY OF OREGON	8
Send completed form and full remittance to:	Membership in the Native Plant Society of Oregon is open to all.
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Visiting the Oregon Flora Project website (http://oregonflora.org) is indisputably the best way to have instant access to the information we provide about Oregon's vascular plants. There you can find floristic treatments, newsletters, images, rare plant fact sheets, distribution maps-all which reflect the nomenclature presented in the Checklist. The website is where we present our scholarly research to the public and make it useful for a wide audience.

www.oregonflora.org As a way to communicate some of the bits and pieces of our research—and in some instances, more informal activities—we have created both a Facebook page and

blog. These also offer an opportunity for you to post your comments and observations.

Visit our blog, the Oregon Flora Blog, at http://oregonflora.wordpress.com/. Likewise, if you are a Facebook user, "like" our page at http://www.facebook.com/pages/Oregon-Flora-Project/255492574527871.

We look forward to receiving your input!

Likewise, your financial input is always appreciated and wisely used. Contributions can be mailed directly to: Agricultural Research Foundation, Oregon State University, 100 Strand Ag Hall, Corvallis, OR 973311-2219. Please make checks payable to the Ag. Research Foundation, and include "Oregon Flora Project—4482" on the memo line.