



Bulletin

of the

Native Plant Society of Oregon

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

VOLUME 49, NO. 2

MARCH 2016

2016 Annual Meeting Field Trips

by Bruce Newhouse, Field Trip Chair

The Emerald Chapter is very excited to be offering 2016 Annual Meeting field trips to some of "our" favorite places up the McKenzie and nearby areas.

Short trips will be offered Friday afternoon, July 15, and Sunday morning, July 17. All-day trips will be offered Saturday, July 16, at a variety of levels from short, easy outings to strenuous botany hikes. For information about each field trip, see the descriptions in this issue of the *Bulletin*, or better yet, check out the 2016 Annual Meeting website at emerald.npsoregon.org/2016mtg.

In addition to "regular" trips, several trips will offer a special, related focus: bryophytes, butterflies, ethnobotany, ferns, lichens, photography, and pollinators. These field trips will include stops or hikes with great wildflower displays as well as attractions in

their area of special focus.

We anticipate adding lots of additional information to the 2016 Annual Meeting website. In addition to standard hike summaries, we are planning to have a comparison table of all the trips, one aerial image showing all the trips, an individual aerial photo map of each hiking route (only those with hikes), one or more plant list for nearly every trip, a comparison page and key to all expected paintbrushes (*Castilleja* spp., our "theme plant"), and possibly photos of each area and/or target plants. The Resources page on the 2016 Annual Meeting website has information specific to field trips to heighten your experience!

We also provide information for two self-guided hikes which are nearby. Visit the 2016 Annual Meeting website for other points of interest and side trips posted on the Natural History



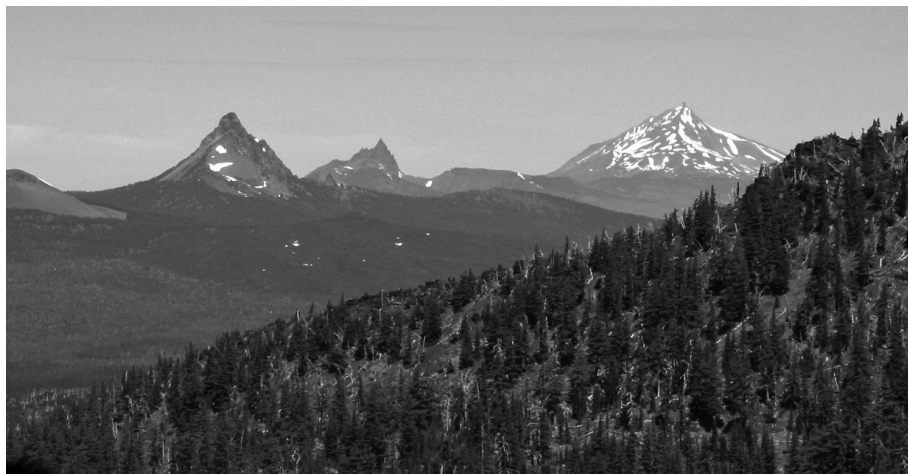
TANYA HARVEY

and Resources pages.

Please email me, newhouse@efn.org, if you have questions about field trips after checking the above references.

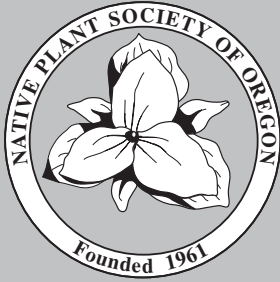
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CLAYTON GAUTIER

Cascade Crest — Mt. Washington, Three Fingered Jack and Mt. Jefferson



Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

E-mail Discussion List

To join, send a message to majordomo@tardigrade.net, with the following in the body of the message: subscribe npsos

General Business Address

P.O. Box 902
Eugene, OR 97440

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

Membership Inquiries Only

Matt Morales
P.O. Box 80714
Portland, OR 97280

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

Opinions expressed in this publication are those of the authors of the articles. They do not represent the opinions of the Native Plant Society of Oregon, unless so stated.

New Portland Chapter President

Please welcome long-time NPSO member Linda Hardie as the president of the Portland Chapter. She grew up in southern Oregon, where she went on wildflower walks with her mother. And say thank you to Nancy Chapman for serving in this role the past few years.

New Book Documents Coastal Plant Use

Ethnobotany of the Coos, Lower Umpqua, and Siuslaw Indians

By Patricia Whereat-Phillips

Oregon State University Press, available May, 2016

As noted by OSU Press: "Very little has been published until now on the ethnobotany of western Oregon indigenous peoples. *Ethnobotany of the Coos, Lower Umpqua, and Siuslaw Indians* documents the use of plants by these closely-related coastal tribes, covering a geographical area that extends roughly from Cape Perpetua on the central coast, south to the Coquille River, and from the Coast Range west to the Pacific shore." For more information and ordering see: osupress.oregon-state.edu/book/ethnobotany-of-coos-lower-umpqua-and-siuslaw-indians. A 30% discount is available if you order by May 1; checkout code is SP16.

NPSO Seeks Candidates

Please consider taking the opportunity to serve our Society by running for election to one of the state-wide officer or at-large board of director positions. Interested persons and people with ideas for potential candidates may contact Dan Luoma by email (daniel.luoma@oregonstate.edu) for more information.

**!! IF YOU HAVEN'T RENEWED YET
FOR 2016, YOUR MEMBERSHIP WILL
LAPSE SOON!!**

Look at the label on this Bulletin and if "2015" appears along the top edge, this is the LAST Bulletin you will receive. If you don't want to miss out on any of this year's Bulletins, please send in your dues payment right away!

Online Payments!

You can now renew or start your membership online with your debit or credit card. Just go to npsoregon.org/online.html or click on Membership on the left side of the NPSO home page (npsoregon.org). You can also make donations to any of the funds that support the mission of NPSO. Of course, you can continue to renew by mail with your check or money order. Questions? Please email membership@npsoregon.org.

NPSO CALENDAR

State Notes

NPSO State Board Meeting.

April 23, Saturday, 10 am-2 pm

Umpqua Valley Chapter will host our spring meeting. Location: Douglas County Natural History Museum, Roseburg.

NPSO Annual Meeting 2016

July 15-17, Friday-Sunday

Emerald Chapter will host the 2016 NPSO Annual Meeting on a private forested 46 acre property near the majestic McKenzie River, a fifty minute drive from Eugene. Location: McKenzie River Conference Center, Rainbow, Oregon. For the most current information, visit the annual meeting website, emerald.npsoregon.org/2016mtg.

Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244. To get on our email list, contact flora.id@witechlink.us.

March 2, Wednesday, 7 pm

Meeting: Field Trips for 2016. Presentation to be announced. We'll also plan field trips. Location: theater room of the Prodigal Son Brewery and Pub, 230 SE Court Ave. in Pendleton. Contact Bruce Barnes, 541-377-2634 for details.

April 20, Wednesday, 7 pm

Meeting: Details TBA. Join us for a presentation by Matthew Campbell. Location: theater room of the Prodigal Son Brewery and Pub, 230 SE Court Ave. in Pendleton. Contact Bruce Barnes, 541-377-2634 for details.

Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at ch_president@NPSOregon.org.

March 24, Thursday, 7 pm

Program: Green Streets, Planting Design and Concepts for Urban Stormwater Management. Mark Akimoff, environmental program technician with the City of Keizer, will discuss removing pollutants with vegetated stormwater facilities, such as rain gardens, with a look at some of the native plants used in the facilities. Doors open at 6:45 pm

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>

for socializing. Meeting/Program starts at 7:00 pm. Location: Carnegie Room, McMinnville Public Library, 225 NW Adams St. (corner of Hwy 99W and SW 2nd St.). Parking lot entrances on Adams and 2nd Streets. For more information contact: Lisa Blackburn, 503-538-3976 or blackburnlisag@gmail.com.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Jordan Brown at co_president@NPSOregon.org or 253-820-3934.

March 5, Saturday, 9-10:30 am

Field Trip: USDA ARS National Clonal Germplasm Repository. Kim Hummer will give an introduction and tour through the tissue culture lab, molecular marker lab, and greenhouses. She will discuss plant collection, germplasm maintenance, distribution, tissue culture, molecular marker analysis, and genebank conservation. Location: Meet at the parking lot in front of the building on 33447 Peoria Road at 9 am. If interested please sign up with Esther at 541-754-0893 or estherco@peak.org.

March 6, Sunday, 1-5 pm

Work Party: Avery Park. Spring is coming, time to clean up the native plant garden. Come prepared for the weather and bring clippers, gloves, trowel and small shovel. Location: Avery Park, Corvallis. For information, contact Esther McEvoy at 541-754-0893.

March 14, Monday, 7:30 pm

Meeting and Presentation: Wildflowers of Northern Arizona. Join Dan Luoma and Joyce Eberhart as they recreate exploring the spectacular wildflowers and landscapes of northern Arizona. From 5,000 ft. near Boynton Canyon and Secret Mt. to the highest reaches of the San Francisco Peaks there was tremendous variety in bloom. Views from Walnut Canyon National Monument and the Grand Canyon are also included. Location: Avery House in

Avery Park. For more information contact Esther McEvoy at 541-754-0893 or estherco@peak.org.

April 11, Monday, 7:30 pm

Meeting/Presentation: Plants of Northeastern Oregon. Phil Hays visited the Wallowas, Zumwalt Prairie, and Hells Canyon and will share his photos with us. Location: Avery House in Avery Park. For more information contact Esther McEvoy at 541-754-0893 or estherco@peak.org.

Emerald

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

Meeting Location: Conference Room at Lane County Mental Health, 2411 Martin Luther King Blvd. Turn off MLK Blvd. onto Scout Access Rd. across from Autzen and take the first left into the parking lot. The meeting room is on the right side as you face the building.

March 17, Thursday, 7 pm

Program: Costa Rica — Magical Forests, Flowers, Birds, and Frogs. Costa Rica offers natural history enthusiasts a huge variety of unique places to explore. Gail Baker and Clay Gautier will share photos and stories of their adventures in five different Costa Rican natural reserves. These include the cloud forests of Monteverde, tropical wet forests at La Selva, open paramo of Los Quetzales National Park in the Talamanca Mountains, coastal jungle of Corcovado National Park on the OSA Peninsula, and premontane wet forest at Las Cruces on the Panamanian border. Location: Conference Room at Lane County Mental Health. See above for directions. For more information call 541-521-3964.

April 21, Thursday, 7 pm

Program: Pollination Biology of Mushroom-Mimicking *Dracula* Orchids. Tobias Policha will share his dissertation work on the pollination biology of *Dracula* orchids, which grow in the cloud forests of Ecuador. *Dracula*

orchids look and smell like mushrooms and are pollinated by mushroom associated flies, making this a remarkable example of mimicry across kingdoms. Inherently ecological, with interactions bridging the three kingdoms of plants, fungi, and the animal pollinators, this system explores networks of biodiversity across scales, from volatile chemistry to behavior. Location: Conference Room at Lane County Mental Health. See above for directions. For more information call 541-521-3964.

Filipendula

This is a newly formed chapter for the northern Oregon coast area. For more information, visit our Facebook page: NPSO-Filipendula Chapter, or contact Field Trip Chair Carla Cole, colectarla@yahoo.com.

High Desert

For information, visit the High Desert Chapter website: www.highdesertnpsoregon.org and Facebook page: Native Plant Society of Oregon: High Desert Chapter, or email highdesertnps@gmail.com.

Klamath Basin

For information on the Klamath Basin Chapter, visit <http://klamathbasinnps.com> or contact the chapter president, Kim Elliott, kb_president@NPSOregon.org. 252.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at mc_president@NPSOregon.org.

March 17, Thursday, 7 pm

Meeting/Program: Field Trip Photography. Learn from Mike McKeag how to get the most out of the camera that you carry with you on field trips, where the subject matter will certainly include wildflowers, but also landscapes, people, and whatever else of interest you encounter. A field trip the following Saturday will provide opportunity for hands-on tutoring and experimentation. Location: Columbia Gorge Community College, Building 1, Room 1.362, 400 E. Scenic Drive, The

Dalles. Further information: Billy Don Robinson, 503-515-1708 or bdmeme@gmail.com.

March 19, Saturday, 9 am

Field Class: Catherine Creek. A follow-up to the March 17 program; this is an opportunity to receive tutoring and experiment with techniques to get the most out of your camera on field trips. Bring whatever camera you typically carry on field trips, whether smart phone, point-and-shoot, or full-featured DSLR. We will use Catherine Creek as our outdoor classroom, studio, subject and background. For information, contact Mike McKeag, mmckeag@gorge.net, 503-807-3453.

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.

The Portland Chapter meets the second Thursday of most months. Meetings and programs begin at 7 pm. Beginning in January 2016 the Portland Chapter will have a **NEW MEETING PLACE:** TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St., Portland. We will meet in Muir Hall; enter the church through the main door off of Belmont between SE 54th and 55th, turn left and the room will be on your right. Parking is available in the church lot on the NW corner of SE 54th and Belmont.

March 10, Thursday, 7 pm

Program: Native Conifers of Northwest Oregon. Join Ken Denniston as he uses photos and samples to show how to identify the native conifers of Northwest Oregon. Ken's presentation will focus on a unique, staged approach to learning the conifers. It will include some simple ways to easily distinguish each conifer and some tricks to help everyone remember the differences. A

field study of the conifers will take place at Hoyt Arboretum the Saturday following the program. Meeting location, see above for details: Taborspace, Mt. Tabor Presbyterian Church, SE 54th and Belmont. Contact: Mary at alphiesmith@comcast.net or 503-288-4340.

March 12, Saturday, 11 am-12:30 pm

Field Trip: Hoyt Arboretum Conifer Hike. Join Ken Denniston for a 1.3 mile hike through the arboretum's conifer collection to hone your NW conifer identification skills. From Douglas fir to Brewers spruce, the Hoyt collection has an almost complete set of the conifers that we see hiking through our natural areas. Location: meet at the Hoyt Arboretum Visitor Center, 4000 SW Fairview Blvd, accessible by MAX using the Washington Park Stop or Trimet Bus #63. For more information contact Ken Denniston, ken.denniston@gmail.com.

March 20, Sunday, 10 am-1 pm

Field Trip: Lacamas and Round Lakes near Camas, Wash. Easy hike, about a 2.5 mile loop around lake front, forested slopes, and flowered meadows. Hope to catch camas and avalanche lilies in bloom in the oak balds. This is a joint hike with the Suksdorfia Chapter of the Washington Native Plant Society. Co-leaders are Don Hardin and Ron Klump. To sign up for the hike, or for more info, contact Ron Klump, 360-619-8892 or ronklump55@comcast.net.

April 1, Friday, 8:30 am-4:30 pm

Field Trip: Catherine Creek. The premier early flower spot in the Gorge, where we will search for grass widows, yellow bells, prairie stars, toothworts, several desert parsleys, early glacier lilies, and others. Easy 5 mile walk with 800 ft. elevation gain. Location: meet at the Catherine Creek trailhead at 10 am or carpool from Gateway Park and Ride at 8:30 am. Approximate return time to Portland is 4:30 pm. Drive is 120 miles round-trip. To sign up for the hike, or for more info, contact Ron Klump at 360-619-8892 or ronklump55@comcast.net.

April 2, Saturday, 8 am

Field Trip: Klickitat Wildlife Area. We'll visit a beautiful, wild area with some of the best quality mixed oak woodlands and native grassland habitat along the Klickitat River, with good early flowers, lichens, and birds. We'll search for *Allium scilloides*, *Viola triner-vata*, *Lomatium columbianum*, *Lomatium suksdorfii*, Wyeth lupine, Carey's balsamroot, and dwarf hesperochiron. A small creek will be forded. Washington Discover Passes (REI) required. Hike about 5 miles on level ground, some cross country. 200 mile round-trip drive, so an all day activity. For more info, contact Paul Slichter, pslichter@frontier.com.

April 3, Sunday, 1-3 pm

Field Trip: Nob Hill Nature Park. Join the Friends of Nob Hill Nature Park and NPSO for an easy, 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 basal bluff that overlooks the Columbia River. Poison oak is common, 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. Allow about 45 minutes drive time from Portland. Directions from Portland: take Hwy 30 north about 30 miles. At the WalMart in St. Helens, turn right on Gable Rd. Bear right on Plymouth St. and keep bearing right until you see the wastewater treatment plant on the right. There is plenty of parking across from the park's main entrance. A plant list is available by request by calling trip leader, Caroline Skinner, at 503-248-9719. For day of event only, call 503-349-8586.

April 14, Thursday, 7 pm

Program: The Kalapuya, Their Story and Use of Native Plants. Follow the original inhabitants of the Willamette and Tualatin Valleys through their history, life-styles, and interactions with more recent Americans up to the current day at Grand Ronde. Their copious use of native plants was innovative and provided them with a generous living.

Ginny Maffitt, volunteer botanist and naturalist at the Tualatin River and Wapato Lake National Wildlife Refuges, will present the program. Meeting location: Taborspace, Mt. Tabor Presbyterian Church, SE 54th and Belmont, see above for details. Contact: Mary at alphiesmith@comcast.net or 503-288-4340.

Save the Dates!

April 16, Saturday, 8:30 am

Field Trip: Memaloose Hills.

April 30, Saturday

Field Trip: Sandy Canyon Hike.

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 2016, make a suggestion, or provide feedback regarding the field trip program, please contact Julie Spelletich at: jspelletich@gmail.com. Join us on Facebook at: facebook.com/SiskiyouChapterNativePlantSocietyOfOregon.

March 13, Sunday, 10 am

Field Trip: Upper Table Rock. Join John Villella, botanist with the Siskiyou Biosurvey and member of the American Bryological and Lichenological Society and NPSO, to observe lichens, bryophytes and terrestrial algae. This is a great time to visit Upper Table Rock as it is prime time for ephemeral bryophytes and terrestrial algae associated with the vernal pools on the top of the rock. Some lichen highlights include: vagrant forms of *Xanthoparmelia* and *Dermatocarpon* and local rarities such as *Parmelina* and *Peltula*. For information and to register, contact Julie Spelletich at 541-951-1744 or jspelletich@gmail.com.

March 17, Thursday, 7 pm

Program: *Kalmiopsis leachi*-huh?

Gabe Howe, founder and executive director of the Siskiyou Mountain Club, will discuss the discovery of *Kalmiopsis leachiana* and the role Lilla

continued on page 6

Chapter Events, *cont'd*

Leach played in the history of southwest Oregon's largest federal wilderness. Mr. Howe will also present a visual tour through the Kalmiopsis Wilderness (post-Biscuit Fire). Since 2010, the non-profit Siskiyou Mountain Club has been dedicated to restoring, maintaining, and promoting primitive trails in the Siskiyou backcountry. Refreshments at 6:45 pm, meeting and program at 7:00 pm. Location: Southern Oregon University Science Building, Room 161. Free and open to the public. For information contact Dave at 541-535-5355.

April 9, Saturday, 10 am

Wildflower Hike: Rough & Ready Botanical Wayside. Geared for plant enthusiasts and novices alike, this is a short hike on rocky, but relatively level ground, with lots of beautiful wildflowers, many rare or of limited range. A portion of the hike will be along a wheelchair accessible path. We will also discuss issues that affect the Wayside and its rare wildflowers, such as the invasive yellow tuft alyssum. Bring water, lunch if you like, and wear layers and comfortable shoes. Sponsored by Cultural & Ecological Enhancement Network and NPSO. Location: meet at the parking area at Rough & Ready Botanical Wayside south of Cave Junction, Hwy 199 at mile marker 34. For more information call Suzanne at 541-291- 8860.

South Coast

This is a newly formed chapter. For more information, contact the chapter president, Alexis Brickner, sc_president@NPSOregon.org.

March 26, Saturday, 10 am-3 pm

Field Trip: Elliott State Forest. NPSO and Coast Range Forest Watch will lead a hike to identify native plant species, explore a healthy forest ecosystem, and take in the views along Palouse Creek. We will carpool to the trailhead and hike approximately 2 miles on easy terrain with one creek crossing. Please bring sturdy shoes, lunch, water, rain gear, and plant ID books, if you have them. Location: meet at 10 am

at North Bend's Bay Bridge Motel on Highway 101. For more information, contact Alexis at sc_president@npsoregon.org or Max at coastrangeforest-watch@gmail.com.

Umpqua Valley

Visit umpquavalleynativeplants.com for more information on chapter activities or to be added to our email list. Check out our Facebook page, www.facebook.com/UmpquaValleyNPSO. Not online - call Donna Rawson 541-459-2821.

Willamette Valley

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

March 9, Wednesday, 7-8:30 pm

Program: Oregon Flora Project. Linda Hardison, director of the Oregon Flora Project, and Lynda Boyer, advisory board member and native plant manager at Heritage Seedlings, will provide a comprehensive overview of the Oregon Flora Project. The program will highlight use of the Project's website and the new Oregon Flora app. It will also include a description of the recently published *Flora of Oregon, Volume 1* — the first comprehensive and illustrated Oregon plant guide in over 50 years. The program is free and open to the public. Location: Straub Environmental Learning Center, 1320 A St. NE, next to Olinger Pool near North Salem High. For information, call John Savage at 503-399-8615 after 7 pm.

William Cusick

Visit our Web site at <http://williamcusick.npsoregon.org> or contact Susan Geer at 541-963-0477 or Emelie Montgomery-Jones at 541-963-3339 for updates and general information. Chapter notices and communications are done primarily through a Google group. Members are reminded to contact Susan or Emelie if they want to be added to the Google group, or if they do not have internet access and want to be contacted by phone for events.

OTHER EVENTS

North American Rock Garden Society

March 15, Tuesday, 7:30 pm

Meeting: Open House. Are you fascinated by small and unusual plants? Do you wonder what "rock gardening" could possibly mean? Want to chat with people who love plants? Come to an open house at the Columbia-Willamette Chapter of the North American Rock Garden Society. Meet our members, admire beautiful plants, and learn about NARGS. We'll have door prizes and, yes, cookies. Location: SMILE Station, 8210 SE 13th Ave., Portland.

Mount Pisgah Arboretum

March 20, Sunday, 11 am-1 pm

Walk: Flies and Flowers. Join Arboretum Interpretation Coordinator August Jackson on a walk to explore the important role of flies in the pollination of our early wildflowers. Learn about the process of pollination, the names and ecology of some of our colorful native flies, and how to identify our early spring wildflowers. Rain or shine. Location: meet at the Arboretum Visitor Center. Don't forget your parking pass. \$5, Members Free. For more information, visit mountpisgaharboretum.com/festivals-events or call 541-747-3817.

Hood River Soil and Water Conservation District

April 1-2, Friday-Saturday, Order Ahead

Sale: Native Trees and Shrubs. Every spring the Hood River SWCD hosts a native tree and shrub sale to promote planting native species. We offer a variety of native conifers, deciduous trees, and shrubs. They will arrive in April as bare-root seedlings that are 1-2 years old. Location: pick up your order at the OSU Experiment Station Cold Storage Building. For more information and to order plants, visit hoodriverswcd.org/projects/plants.

Field Trip Options for 2016 NPSO Annual Meeting (Emerald Chapter)

Please note your #1, #2 and #3 choices for EACH trip (Friday, Saturday, and Sunday) on the registration form. See the 2016 Annual Meeting website, emerald.npsoregon.org/2016mtg, for a lot more information!

FRIDAY AFTERNOON TRIPS

(July 15, 1 pm–4 pm+)

Trip# DESCRIPTION

15-1 **Aufderheide National Scenic Byway and Box Canyon with Steven Yeager.** A beautiful and scenic road with many places of interest to stop and botanize. Learn about historic and current uses of plants and enjoy floriferous Box Canyon at the top of the McKenzie-Willamette divide. It offers some interesting cultural history as well. Moderate driving, short hikes.

15-2 **Carpenter Mountain Lichens with Scot Loring.** In addition to the extensive rocky habitats, this short hike features forest habitats and stunning views of Wolf Rock and the Cascade peaks. Roadside stops on the way up and/or down will round out the afternoon. Drive time approx. 45 minutes, hike 1 mile each way (mostly moderate grades).

15-3 **Echo Basin with Alice Smith.** A 2 mile loop through an impressive Alaska yellow cedar grove and beautiful wet meadow, complete with Lewis' and primrose monkey flowers, surrounded by the natural amphitheater of Echo Mountain. 600 ft. elevation gain.

15-4 **Fish Lake with Dave Kretzing.** Multiple interests of geology, hydrology, plants and history! Fish Lake becomes a dry lake bed in summer with interesting flora. It was an important stop on the Santiam Wagon Road, with historic Forest Service buildings and is in the National Register of Historic Places. Mostly flat, easy walking. Dave really knows the area and its history well!

15-5 **Hand Lake with John Koenig.** Wet and moist meadows, a mountain lake, lava beds, and even Newberry's Gentian (*Gentiana newberryi*)! Hopefully, the gentian will be

in flower. But will the tiny Yosemite moonwort (*Botrychium simplex*) be visible in the meadow? This easy, mostly flat 1 mile round-trip hike also offers great mountain views.

15-6 **HJ Andrews Experimental Forest with Mark Schulze.** Spend an afternoon with the director of the HJ Andrews Experimental Forest, looking at two long-term ecological research sites — a paired watershed study and 200-year log decomposition study — and finish with a hike (less than 3 miles, gentle to moderate grades) in the outstanding Lookout Creek old growth forest.

15-7 **Park Creek Basin with Tanya Harvey.** If you're looking for an easy afternoon of botanizing with no climbing or real hiking, this is a wonderful place to just relax and enjoy a beautiful show of wildflowers. There are several good places where we will park along the road and walk over to the creek and 2 bridges that cross it. Many wetland and aquatic species can be seen by the creek or several small lakes that require only a short bushwhack.

SATURDAY TRIPS

(July 16, 8:30 am–4 pm+)

Trip# DESCRIPTION

16-1 **Tamolitch Falls (aka Blue Pool), McKenzie River Trail with Steven Yeager and Tobias Policha.** A 5.2 mile one-way hike (not a round-trip hike). We will begin where the McKenzie River disappears and flows underground for about 3 miles until it flows up into the Blue (or Tamolitch) Pool. The trail works its way through beautiful stands of old-growth Douglas fir, incense and western red cedars. The guides will highlight the wildflowers along the trail and also incorporate ethnobotanical concepts into the walk. We will set up a car shuttle to allow us to

have a one-way hike.

16-2 **Browder Ridge with Alice Smith.** Old growth Douglas fir forest gives way to noble fir and a complex of subalpine meadows with beautiful views of the Three Sisters and Mt. Washington. Outstanding wildflower diversity! Prescribed fire has been used recently to enhance the meadows and discourage conifer invasion. 1000 ft. elevation gain, some of it steep. Hike up to 6 miles.

16-3 **Canyon Creek Meadows (Mt. Jefferson Wilderness) with Bruce Newhouse.** A loop of about 6 miles with mostly gentle slopes and some moderately steep sections. The trail passes close to the rugged and scenic east base of Three Fingered Jack. Some forest habitat with snags and regeneration are present following the B & B Fire, but the highlights are the spectacularly floriferous meadows, scattered small ponds, and wetlands with lupines, paintbrushes, Lewis' monkey flower, and other wonders along the creek. We'll identify birds, butterflies, and dragonflies as well. The highest elevation hike and the longest drive (about 1.5 hours, including the last 5 miles with some gravel washboard) to get to the trailhead — but well worth it! (We are NOT hiking the steep part up to the cirque lake.)

16-4 **Coffin Mountain with August Jackson.** Head to the Detroit Ranger District to take a hike through the flower-filled meadows of Coffin Mountain. We'll take a look at the different methods flowers utilize to ensure efficient pollination and meet a variety of pollinators along the way. Explore the ecology of western Oregon's native pollinators and learn to identify several species, with an emphasis on bees and flies. If time allows, we may also trek to nearby Bachelor Mountain. About 47 paved miles, plus 8 more gravel road.

continued on page 8

Three miles round-trip hiking (plus Bachelor Mt., if time).

16-5 Fern Foray with Ed Alverson.

Join a regional fern expert on a trip with several stops targeting different species of ferns. Some short hikes will be involved and many other wildflowers will be noted along the way. We'll try to see at least 8 species of ferns and closely related species, including, hopefully, Rattlesnake Fern (*Botrypus virginianus*). Driving mileage is not yet ascertained but will likely be low to moderate. Occasional short walks of easy to moderate difficulty.

16-6 Frissell Ridge Butterflies with Neil Bjorklund.

This ridge-top adventure will feature stunning views, varied Western Cascades plant life, and one of Oregon's most diverse butterfly faunas. Frissell Ridge, in the Andrews Experimental Forest, supports butterfly species from both east and west of the Cascade crest. We will alternate between walking and driving gravel roads along the ridge, enjoying roadside native floral displays and, with luck, 30+ species of native butterflies. Walking will all be on gravel roads, with a few sparse rough or steep sections. Most of our route has high exposure to sun, which supports the butterflies but can be hot and dehydrating. Bring binoculars to get good looks at the smaller butterfly species, with those that can focus 5 to 8 feet away being best. Because butterflies don't become active until late morning, this trip will leave the meeting site at 10 (later than other trips).

16-7 Hidden Lake Bog Bryophytes with Dave Wagner.

A small *Sphagnum* bog in the mountains southwest of Cougar Reservoir. A short hike is involved. Focus of this field trip will be mosses and liverworts. Three habitats are featured: old growth forest, rocky talus, and bog. We'll return to the venue in the early afternoon for a keying party, then make a simple tabletop display of our identified bryophytes for other meeting attendees.

16-8 Horsepasture Mountain with Jenny Lippert. A delightful hike through fields of wildflowers. We will pass through various gradations of rock garden from seepy wet to dry, ending at the top of the mountain at an old lookout site with beautiful views of the Three Sisters. Climb is moderate and walk is 2.8 miles round-trip. If we have extra time, we may stop at a little lake northwest of the trail to scout some unique wetland species.

16-9 Iron Mountain with Bob Ross. The quintessential Old Cascades wildflower hike, with the guy who co-wrote the book *Wildflowers of the Western Cascades*, which focuses on this area. (The loop trail past Cone Peak was closed last year because of owl nesting close by, so that part is a "maybe.") Bob is an engaging leader who will inspire you to think about why things are the way they are at Iron Mountain, and where they may be going! Up to 5 miles, with some quite steep sections.

16-10 Lowder Mountain with Tanya Harvey. This terrific wilderness hike alternates between old growth forest and large sloping meadows, then reaches a rocky ridge with interesting plants hidden on the north side. As the trail continues, it passes through a dry opening filled with buckwheats and tiny annuals. This is an especially good area to look for butterflies although they are usually abundant in all the open areas. At an intersection in a floriferous meadow, we'll switchback up to the large open summit with some unusual species. At the far side of the summit there is a great view of the Three Sisters from the top of a massive cliff. Binoculars will help to see the many interesting plants growing on the rocks below. About 5.6 miles round-trip with 900 ft. elevation gain. 10 miles of good gravel road.

16-11 Olallie Mountain with John Koenig. This is a wonderful wilderness hike that has it all: majestic old growth forest of mountain hemlock and Douglas fir; a delightful creek with ferns, salmonberry, and devil's club; wet and dry mountain meadows festooned with beargrass as well as an amazing

diversity of wildflowers; and on top a rock garden of plants from tiny annuals to buckwheats that attract an abundance of butterflies. Cascade lilies should also be blooming along the trail near the top. Enjoy spectacular views of the Three Sisters while eating lunch near the old fire lookout. Moderate 7.2 mile round-trip hike with 1200 ft. elevation gain. 12 miles of good gravel road.

16-12 Quaking Aspen Swamp with Molly Juillerat. Quaking Aspen Swamp is a fantastic wetland with a long season of bloom and as many as 250 different plant species, including quite a number that are unusual for this area. A short half-mile trail through some pleasant forest passes the east edge, but to really explore the site, it is necessary to wander out into the wet meadows, taking care where you step, especially in the boggy areas where sundews abound. Rubber boots are a must. 10 miles of good gravel road.

16-13 Road 19/Indian Ridge Lichens with Scot Loring. Join us for a lichen hunt and keying party. We'll scope out lichens along the rocky habitats of Cougar Reservoir and, if we make it that far, the varied habitats of Indian Ridge. We'll return to the venue in the early afternoon for a keying party (a different kind of scoping!), then make a simple tabletop display of our identified lichens for other meeting attendees. Up to 1 hour driving each way (likely less) but with intermittent stops and short walks.

16-14 Scott Mountain with Gail Baker and Clay Gautier. The hike from Scott Lake to Scott Mt. along the Benson Lake trail is an excellent High Cascades experience. Surrounded by hemlock/fir forest for much of the trip, we'll visit scenic, cliff-rimmed Benson and Tenas lakes on our way to the drier, open slopes and summit of Scott Mt. Along the trail, we'll encounter numerous wet meadows filled with huckleberries and other interesting plants (including Alaska clubmoss, *Diplazium sitchense*). The view from the top of Scott Mt. is outstanding — on

a clear day a good portion of Oregon's Cascade Crest is visible.

16-15 Tidbits Mountain with Marcia Cutler. This 4.4± mile round-trip hike is on a really pleasant trail through several different habitats and has all the usual wonders of the Western Cascades: forests with big, old trees, rocky areas, cliffs, sweet views, and tons of gorgeous flowers. And if we're lucky, we'll see explorer's Gentian, American harebell and maybe a pika! The grade is fairly moderate, starting around 4000 ft. and climbing to around 5100 ft., but the trail does cross a talus slope. Trailhead is 20 miles from our venue (includes 9 miles of gravel).

SUNDAY TRIPS

(July 17, 8:30 am–12:30 pm)

Trip# DESCRIPTION

17-1 Aufderheide National Scenic Byway and Box Canyon with Tobias Policha. A beautiful and scenic road with many places of interest to stop and botanize. Learn about historic and current uses of plants, and enjoy floriferous Box Canyon at the top of the McKenzie-Willamette divide. It offers some interesting cultural history as well. Moderate driving, short hikes.

17-2 Indian Ridge with John Koenig. Plenty of rock garden habitat and cliffs with gorgeous displays of wildflowers at the top of this drivable destination. Stops along the way at a small waterfall, wetlands, creek crossings and cliffs. Fantastic views of the Cascade peaks from the mountain top lookout. We'll walk a short section of the old Indian trail where both rhododendron and several species of gooseberries (*Ribes* spp.) grow profusely.

17-3 Parish Lake Bog with Tanya Harvey. Experience a genuine floating bog — a rare habitat in the Cascades. Walking on it (carefully, both for the sake of the plants and so as not to break through) feels like walking on a water bed. The bog is home to so many sundews (both species of *Drosera* are present here) that the entire area looks red from a distance. Other unusual

species are found in both the bog and the small lake. Easy 1 mile round-trip hike down to the lake. Limited to 8 participants.

17-4 Proxy Falls with Bitty Roy. Not one, but **two** photogenic waterfalls are on this fairly easy loop trail accessed from up the McKenzie Pass Highway. Davidson's penstemon abounds, as do other lava-dwelling plants and many "bonsai" shrubs.

17-5 Wildflower Photography with August Jackson. We'll take a drive on the Aufderheide, stopping along the way to photograph a wide variety of wildflowers, each with its own unique challenges. We will explore how to marry art and science to create dramatic photographs, which can also be used to help with identification. Main topics will include focus, lighting, and composition, with attendees driving the conversation. All levels of experience and equipment welcome. Some gravel roads possible.

ANY TIME

(self-guided trips; no need to include on registration sheet)

Delta Old Growth Forest Nature Trail. Self-guided and close to the meeting site: about a 5 to 10 minute drive to the trailhead. A half-mile flat loop with three nice footbridges to view water (McKenzie side channel) and wetlands. Trail goes through some truly magnificent old growth. Brochure available at start with interpretive stops.

McKenzie River National Scenic Trail. Self-guided and any desired length. Accessible beginning about 10 miles up the highway from the NPSO meeting venue. Up close views of the gorgeous upper McKenzie River. Excellent for mountain biking, and well used. Koosah and Sahalie falls are stunning if you want to drive a half hour further.

Glide Wildflower Show April 23–24

The Glide Wildflower Show will kick off Native Plant Appreciation Week on April 23–24. The largest showcase of native flora in the Pacific Northwest, it will bring together over 600 species of wildflowers, shrubs, trees, mosses, lichens, and ferns, all artfully displayed and labeled.

Knowledgeable speakers will make presentations throughout both days. Topics this year include fungi and forest health, 500 years of fire management on the Umpqua, edible and medicinal plants, and tracking pollinators with native plants. A botany instructor will conduct a guided tour of the show on Saturday morning and on both days show collectors will lead a wildflower walk.

The show also has food, plants, and books for sale, plus special displays of edible and medicinal plants, natural dyes, noxious weeds, beekeeping, spinning, and photos of endangered flowers.

Mark your calendar and make plans for a day or the full weekend. Visit the show, then continue up Highway 138, the Rogue-Umpqua National Scenic Byway, to see abundant wildflowers in their natural environment, dramatic waterfalls, and the spectacular wild and scenic North Umpqua River.

Look for a full article about the show in the April *Bulletin*. For details now, go to glidewildflowershow.org.



Wanted: Vendors for the 2016 Annual Meeting

The 2016 Annual Meeting Planning Committee is looking for vendors for this summer's annual meeting. Items for sale must be nature-related. Possibilities include t-shirts and other clothing, mugs, art, Oregon flora products, books, calendars, posters, etc. We will also have tables available for chapters who want to sell or display items. Tables, around the perimeter of

the dining hall, will be assigned on a first come, first served basis. We will charge a nominal fee (\$10) for individual vendors and no fee for chapters and non-profits. The registration deadline for individual vendors is April 30, 2016; for chapters, the deadline is May 30, 2016. If we have unassigned tables by May 30, nature-related non-profits may also reserve table space for display.

Vendors must be present on Friday and Saturday evenings. While vendors don't have to be NPSO members, you do need to be a member and register for the annual meeting if you want to use on site lodging or meals or attend field trips. Please see the vendors section of our website, emerald.npsoregon.org/2016mtg, for more information or to download an application for a table.

2016 Annual Meeting Stipends for Students

NPSO is offering three stipends of up to \$200 each to college undergraduate or graduate students to attend the 2016 NPSO Annual Meeting at the McKenzie River Conference Center in Rainbow, Oregon. We want to encourage more students to be active in NPSO, so we are offering the stipends to help defray some expenses for travel, lodging, food and banquet,

membership, and registration. Your costs may vary from a base cost of \$128 depending on your lodging, mileage, etc. In return, NPSO suggests that each student who receives a stipend write a short article (about 250–300 words), describing some aspect of the meeting such as the field trip you participated in or the evening presentations, for the *Bulletin*. To apply, please request a copy

of the Stipend Application directly from Mary Beth Averill, writeonmba@aol.com. Make sure to indicate NPSO Annual Meeting Stipend in the subject line of your email. Deadline for submitting your stipend application to writeonmba@aol.com by email is May 1, 2016.

Willamette Chapter Scholarships

STUDENTS, TAKE NOTE:

The Willamette Valley Chapter will once again be offering two scholarships for 3rd and 4th year students who will be enrolling in plant systematics or plant ecology at any Oregon college or university for the 2016-2017 school year. Two qualified applicants will be selected to receive \$1,000 from either the Augusta Rockafellar Memorial Scholarship Fund or the Jean Davis Memorial Scholarship Fund. Applications will be accepted by mail until June 1, 2016. Don't let this opportunity pass you by!

Rules for Scholarship Awards

1. Scholarships are available to students in Oregon colleges, planning their major study in plant systematics or plant ecology.
2. Scholarships are awarded in the amount of \$1,000 to worthy

- students who will complete at least two years of satisfactory college work by July 1 of the year of receipt of application and are full time students. Graduate students may be eligible if they meet all qualifications except that of full time student.
3. Awards are made in the following manner:
 - a) A certificate is presented to the recipient.
 - b) A check in the amount of the award is submitted to the school of choice, as set forth in rule 1, to be used toward tuition within the following academic year.
4. If an award recipient fails to enroll, changes his or her major, or leaves the school before completing the period for which the award was granted, the full amount or unused part of the money shall be returned to the Memorial Scholarship Fund.
5. Applicants are required to submit:

- a) In their own words, a statement of academic and career intent
 - b) Two letters of reference from persons able to judge the student's ability to successfully complete study in the area of plant systematics or plant ecology.
 - c) Full academic record (transcript).
6. The Scholarship Committee Chair must receive all applications, together with items listed in rule 5, no later than June 1. The award will be made by July 1.
 7. Scholarships cannot be granted to Scholarship Committee members or their relatives.

Please mail applications and the required documentation to:

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

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name _____

Address _____

City _____ State _____ Zip+4 _____

Phone _____ E-Mail _____

Chapter (if known) _____

Is this a change of address? If so, please write your old address here:

Address _____

City _____ State _____ Zip+4 _____

☐ Check to receive electronic *Bulletin*, sent by email in lieu of paper.

Please make checks for dues and contributions payable to:

NATIVE PLANT SOCIETY OF OREGON

Send completed form and full remittance to:

Native Plant Society of Oregon

P.O. Box 80714

Portland, OR 97280

DUES include monthly *Bulletin* and *Kalmiopsis* when published.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

☐ New

☐ Renewal

☐ Student – \$12

☐ Regular – \$25

☐ Family – \$35

☐ Sustaining – \$60

☐ Patron – \$125

☐ Life Membership – \$500

☐ Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *Only for those who wish to subscribe, but do not want to have full membership status.*

CONTRIBUTIONS to NPSO are tax deductible.

Jean Davis Memorial Scholarship Fund \$ _____

Leighton Ho Memorial Field Botany Fund \$ _____

Augusta Rockafellar Memorial Scholarship \$ _____

Rare and Endangered Plant Conservation Fund \$ _____

Friends of the Oregon Flora Project \$ _____

Membership in the Native Plant Society of Oregon is open to all.

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to Membership@NPSOregon.org.

OFFICERS & COMMITTEE CHAIRS

STATE OFFICERS

DIRECTORS..... Sam Friedman, Linda Hardison, Kevin Weitemier (to 6/2016); Mary Beth Averill, Susan Berger, Billy Don Robinson (to 6/2017)
PRESIDENT Kelli Van Norman..... president@NPSOregon.org
IMMEDIATE PAST PRESIDENT..... Judi Sanders..... past_president@NPSOregon.org
VICE PRESIDENT..... Lisa Blackburn vice-president@NPSOregon.org; 503-538-3976
SECRETARY..... Rosalie Crowe secretary@NPSOregon.org
TREASURER..... Cyndi Dion 897 Hillview Dr., Ashland, OR 97520-3517; treasurer@NPSOregon.org; 541-482-8603

CHAPTER PRESIDENTS

CHEAHMILL Susan Aldrich-Markham ch_president@NPSOregon.org; 503-537-0587
CORVALLIS..... vacant co_president@NPSOregon.org
EMERALD (Eugene)..... Steven Yeager..... em_president@NPSOregon.org; 541-521-3964
FILIPENDULA Kathleen Sayce fi_president@npsoregon.org; 360-665-5292
HIGH DESERT (BEND)..... Desiree Johnson hd_president@NPSOregon.org
KLAMATH BASIN Kim Elliott..... kb_president@NPSOregon.org; 541-331-5704
MID-COLUMBIA Sara Wu mc_president@NPSOregon.org
PORTLAND Linda Hardie..... po_president@NPSOregon.org; 503-309-8810
SISKIYOU Kristi Mergenthaler si_president@NPSOregon.org; 541-941-3744
SOUTH COAST Alexis Brickner sc_president@NPSOregon.org
UMPQUA VALLEY (Roseburg)..... Neal Hadley uv_president@NPSOregon.org; 541-679-8889
WILLAMETTE VALLEY (Salem) John Savage wv_president@NPSOregon.org; 503-399-8615
WM CUSICK (La Grande) Susan Geer wc_president@NPSOregon.org

STATE COMMITTEE CHAIRS

BUDGETS AND GRANTS Dan Luoma..... 5 NW Edgewood Dr., Corvallis, OR 97330; 541-752-8860
CONSERVATION, EAST SIDE..... Billy Don Robinson bdmeme@gmail.com; 503-515-1708
CONSERVATION, WEST SIDE..... vacant.....
FRIENDS OF OR FLORA PROJECT Linda Hardison..... 2082 Cordley Hall, Corvallis, OR 97331-2902; hardisol@science.oregonstate.edu; 541-737-4338
LEGISLATIVE Billy Don Robinson bdmeme@gmail.com; 503-515-1708
MEMBERSHIP..... Matt Morales P.O. Box 80714, Portland, OR 97280; membership@NPSOregon.org
NPSO FELLOWS..... Cindy Roché and Kareen Sturgeon fellows@npsoregon.org
RARE & ENDANGERED PLANTS Jason Clinch..... rareplants@npsoregon.org

PUBLICATIONS

BULLETIN EDITOR..... Erika Wedenoja..... bulletin@NPSOregon.org
BULLETIN PRODUCTION Cat Mead..... cat@featherforge.com
KALMIOPSIS EDITOR vacant..... kalmiopsis@NPSOregon.org
WEBMASTER Sunia Yang webmaster@NPSOregon.org



*Send change of address notices
and membership requests to:*

Native Plant Society of Oregon
Matt Morales, Membership Chair
P.O. Box 80714
Portland, OR 97280

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www.oregonflora.org

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, www.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 made online (www.oregonflora.org/supportOFP.php) or mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include "OFP" on the memo line.

Print and Mail Registration Form for One or Two Persons

NATIVE PLANT SOCIETY OF OREGON ANNUAL MEETING, July 15, 16, & 17, 2016
McKenzie River Conference Center, Rainbow, OR

INSTRUCTIONS

Registration is for **NPSO members only**. Deadline for registration is **June 15**. If you need to renew a lapsed membership or join NPSO, use the membership form on the penultimate page of the NPSO Bulletin or visit the web address: <<http://www.npsoregon.org/membership.html>>. Send your Registration Form with payment to the address of the Registrar shown at the bottom. Make out check(s) or money order(s) to "NPSO Emerald Chapter". We'll confirm via e-mail or phone (if no email). Direct all questions to the Registrar: <hartmanium@mac.com>.

Enter Registrant Name(s)...	1:		2:	
Address:		City:	State:	Zip:
E-MAIL:		Phone:		

REGISTRATION FEE

If form and payment are sent by April 30: Enter \$25 for 1 registrant, \$50 for 2 registrants.
If form and payment are sent by June 15: Enter \$40 for 1 registrant, \$80 for 2 registrants. \$

OVERNIGHT ACCOMMODATION FEES for 2 nights: July 15 and 16

There are four types of McKenzie River Conference Center accommodation:

- 1) SINGLE Bunk-Style Bed in Dormitory (male, female, or coed), shared shower/bath;
- 2) Executive Lodge Room with one DOUBLE Bed and one SINGLE Bed, private shower/bath;
- 3) Lower Level Coach Lodge Room with one DOUBLE Bed, shared shower/bath;
- 4) Upper Level Coach Lodge Room with one DOUBLE Bed and one SINGLE Bed, shared shower/bath.

☐ I(we) do not need ACCOMMODATION; OR ...

☐ See my(our) choice of accommodation below (rates are for 2 nights)*

ONE BUNK-STYLE BED in DORM.....	<input type="checkbox"/> male	<input type="checkbox"/> female	<input type="checkbox"/> coed	\$40.00	<input type="text"/>
ADDITIONAL BUNK-STYLE BED in DORM.....	<input type="checkbox"/> male	<input type="checkbox"/> female	<input type="checkbox"/> coed	\$40.00	<input type="text"/>
ONE ROOM in EXECUTIVE LODGE (2 BEDS/ROOM)	<input type="checkbox"/>			\$140.00	<input type="text"/>
ONE ROOM in COACH LODGE (1 BED, 1st Floor)	<input type="checkbox"/>			\$150.00	<input type="text"/>
ONE ROOM in COACH LODGE (2 BEDS, 2nd Floor)	<input type="checkbox"/>			\$150.00	<input type="text"/>

MEALS

	Registrant 1	Registrant 2	
Friday, July 15, RECEPTION	<input type="checkbox"/> \$12.00	<input type="checkbox"/> \$12.00	RECEPTION Total = <input type="text"/>
Saturday, July 16, FULL BREAKFAST	<input type="checkbox"/> \$12.00	<input type="checkbox"/> \$12.00	BREAKFAST Total = <input type="text"/>
Saturday, July 16, LUNCHBOX	<input type="checkbox"/> \$12.00	<input type="checkbox"/> \$12.00	LUNCHBOX Total = <input type="text"/>
lunchbox 1: <input type="checkbox"/> ham <input type="checkbox"/> tuna <input type="checkbox"/> turkey <input type="checkbox"/> veg lunchbox 2: <input type="checkbox"/> ham <input type="checkbox"/> tuna <input type="checkbox"/> turkey <input type="checkbox"/> veg			
Saturday, July 16, DINNER	<input type="checkbox"/> \$15.00	<input type="checkbox"/> \$15.00	DINNER Total = <input type="text"/>
Sunday, July 17, FULL BREAKFAST	<input type="checkbox"/> \$12.00	<input type="checkbox"/> \$12.00	BREAKFAST Total = <input type="text"/>

ENTER SUM → Registration Fee + Accommodation + Meals (Amount to be Enclosed) = \$

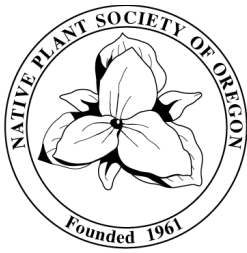
FIELD TRIP CHOICES *For Details see <<http://emerald.npsoregon.org/2016mtg/fieldtrips.php>>*

Friday, July 15	Registrant 1: 1st Choice _____	2nd _____	3rd _____
	Registrant 2: 1st Choice _____	2nd _____	3rd _____
Saturday, July 16	Registrant 1: 1st Choice _____	2nd _____	3rd _____
	Registrant 2: 1st Choice _____	2nd _____	3rd _____
Sunday, July 17	Registrant 1: 1st Choice _____	2nd _____	3rd _____
	Registrant 2: 1st Choice _____	2nd _____	3rd _____

Each Registrant Must SIGN the REVERSE Side of this form. Please send signed, completed form with payment to _____

Michael Hartman, Registrar
NPSO Emerald Chapter
2878 Firwood Way
Eugene, OR 97401

* If your chosen accommodation is already full and is unavailable, we will contact you with available options, including the option of a complete refund of your accommodation fee.



Native Plant Society of Oregon Waiver of Liability and Indemnification Agreement

***** PLEASE READ ALL OF THIS FORM. IT IS IMPORTANT! *****

Thank you very much for coming on an NPSO field trip! The following agreement is necessary for the well-being of NPSO and all field trip participants. We appreciate your understanding.

1. **I understand that I am solely responsible for my own safety at all times.** I acknowledge that **my participation** in any Native Plant Society of Oregon (NPSO) field trip **is purely voluntary**, and I understand that **some parts of the field trips may be hazardous** and may result in damage or loss of my property or in my injury.
2. **I agree to take full responsibility for my own medical needs.** I am aware that trips require physical outdoor activity and have certain risks inherent with exposure to nature and natural processes. I certify that I have no health or physical problems which would interfere with my participation.
3. **I understand that horseplay, roughhousing, shoving, contact sports, or other such activities are not appropriate and not allowed on NPSO trips.**
4. **I agree to stay with the group.** If I need to vary for any reason, I will do so only with the permission of the leader.
5. **I understand that transportation to the beginning of the trailhead or field site is not part of any NPSO-sponsored activity.** Although NPSO suggests carpooling to save gas and reduce pollution, I agree that if I carpool, it is an independent activity organized by myself and other individuals on our own initiative and at our own risk.
6. **I hereby agree for myself and for my heirs, representatives, agents and assigns, that I will not hold the NPSO liable.** I will waive and release any claims, demands or actions against them, for any damages to or loss of my property, or for my illness, injury or death, which results from or arises in connection with any NPSO field trip other than that which results from gross negligence.
7. **The persons and organizations covered by this agreement are:**
 - NPSO, its officers or members, and
 - **Any other participant(s)** in field trips including any people invited by any NPSO member(s), and
 - **Any of the agents or employees of the above persons and organization.**
8. **In addition, I agree to indemnify the above people for any claims made against them** on my behalf or otherwise, as a result of any damage to or loss of my property, or as a result of my injury or death, resulting from or arising in connection with the NPSO field trips, other than that which occurs as a result of the gross negligence of that person(s).

I HAVE READ THIS ENTIRE FORM, AND AGREE: *Each* registrant must sign!

Signed:_____ Printed Name:_____ Date:_____

Signed:_____ Printed Name:_____ Date:_____