

# 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. 8

OCTOBER 2016

## 2016 NPSO Annual Meeting Recap

One hundred fifty-three registrants attended the NPSO Annual Meeting held this July in the beautiful McKenzie River Valley. Host Emerald Chapter is grateful for gorgeous weather and a stellar wildflower display. We are also grateful to have escaped wildfires which closed a few of our trip destinations a couple of weeks after the meeting.

The Emerald Chapter Annual Meeting Committee was chaired by **Jenny Lippert**, who kept us informed and on schedule. Most important, she brokered arrangements with the venue owners and kept us on budget. Jenny acknowledges the committee and exclaims "What a great group!—A joy to work with!"

**Clay Gautier** was our amazing webmaster who worked closely with every committee chair to get their information accessible to members on the web. **Charlene Simpson**, publicity chair, wrote articles for the NPSO

*Bulletin* and Annual Meeting website to tickle the fancy of members across the state. The man with the most difficult job was **Michael Hartman**, registration chair, whose job was to register members for meals, lodging and field trips and let them know what they were registered for. **Bruce Newhouse** was the amazing field trip chair whose job was to select trip locations, enlist trip leaders, and collate information about trips to help members choose. **Mary Beth Averill** was head of the Vendors Committee. **Gail Baker** chaired the Speakers Committee. **Mary Moffatt** made the beautiful handmade bookmarks and table centerpieces. **Steven Yeager** helped with signage and covered the Sunday Board meeting. **Tanya Harvey** helped with field trip ideas, designed the meeting logo and paintbrush key and assisted with T-shirt printing.

The featured plant of the Meeting

was genus *Castilleja*. Artist Tanya Harvey designed the meeting logo featuring cliff paintbrush (*Castilleja rupicola*). Her rendition decked out name tags, registration packets and T-shirts. Field trip leaders pointed out paintbrush species on field trips with the aid of a photo key designed by Tanya.

Ten vendors provided Annual Meeting participants with a variety of nature-themed items for sale. The vendors brought T-shirts, mugs, jewelry, cards, photos, prints, felted birds, hand-painted silk scarves, a digital key to liverworts of Oregon, and books (*Wildflowers of the Pacific Northwest*, *Trees and Shrubs of the Pacific Northwest*, and *Flora of Oregon, Volume 1*). Linda Vorobik donated a framed print for the Emerald Chapter's silent auction. The Oregon Flora Project auctioned a variety of items, including native plants. We thank the following people and organizations for being vendors: Sue Allen, Maggie Bildsprech, Tanya Harvey, Mark Turner, Linda

*continued on page 5*

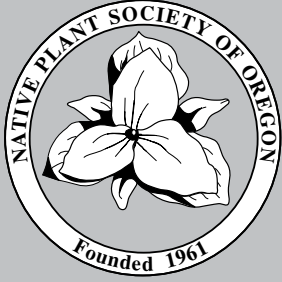


ARYANA FERGUSON

*Bart Johnson leads trip along Lookout Creek Old Growth Trail*

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## Native Plant Society of Oregon

### World Wide Web

<http://www.NPSOregon.org>

### E-mail Discussion List

To join, send a message to [majordomo@tardigrade.net](mailto:majordomo@tardigrade.net), with the following in the body of the message: `subscribe npsos`

### General Business Address

P.O. Box 902  
Eugene, OR 97440

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

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

## New High Desert Chapter President

Please welcome Amy Rosendahl as president of the High Desert Chapter. Thank you to Desiree Johnson for serving as chapter president and helping to reactivate this chapter.



## Online Payments Update

A combined payment option is now available on the NPSO website. This option allows you to make a donation to multiple funds, as well as pay for a membership, all in a single credit card transaction! Just go to [npsoregon.org/online.html](http://npsoregon.org/online.html) or click on Membership on the left side of the NPSO home page ([npsoregon.org](http://npsoregon.org)).



## Take Your Best Shot: 2017 Native Plant Appreciation Week Poster Contest

Summer's over . . . but remember all those great photos you took of native plants in Oregon this spring and summer? Now that you're probably spending more time indoors, you could take this opportunity to select the best of your photos and submit them for the Native Plant Appreciation Week Poster Contest. Entries must be submitted online on the NPSO Photo Gallery (<http://npsoregon.org/photos/main.php>) in the album titled "2017 NPAW Photo Contest." Each person may enter two photos of Oregon native plants (photographed in Oregon with photographer name, species or other description, family, common name, location, and date). All entries must be received by December 15, 2016. Photos will be rated on subject matter, composition, and technical excellence. Complete details can be found at: <http://npsoregon.org/photocontest.html>. If you have any questions, please email Judi Sanders, [judi.sanders@gmail.com](mailto:judi.sanders@gmail.com).



## Updated ORBIC Guide Available

The Oregon Biodiversity Information Center has published its 2016 version of "Rare, Threatened, and Endangered Species of Oregon." This publication lists all taxa with state or federal status or those considered to be rare, declining, or potentially rare but with limited information. To download a copy in PDF and Excel or for information on ordering printed copies, please visit the RTE Publications page at [inr.oregonstate.edu/orbic/rare-species/rare-species-oregon-publications](http://inr.oregonstate.edu/orbic/rare-species/rare-species-oregon-publications).



*Mountain cat's ear (Calochortus subalpinus) on Tidbits Mt.*

TANYA HARVEY



# NPSO CALENDAR

## State Notes

### State Board Meeting

**October 15, Saturday, 10 am-2 pm**

The next Board meeting will be hosted by the High Desert Chapter. Location: Pozzi building at the Sunriver Nature Center, 57245 River Road, Sunriver.

## Blue Mountain

*For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244. To get on our email list, contact [flora.id@wtechlink.us](mailto:flora.id@wtechlink.us).*

## 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](mailto:ch_president@NPSOregon.org).*

### Meeting and work party location:

Carnegie Room, McMinnville Public Library, 225 NW Adams St. (corner of Highway 99W and SW Second St.), McMinnville. Parking lot entrances on Adams and Second Streets. Meetings start at 7 pm. Doors open at 6:45 pm. for socializing.

**October 27, 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, lifestyles, and interactions with more recent Americans up to the current day in Grand Ronde. The Kalapuyas' copious use of native plants was innovative and provided them with a generous living. Ginny Mafitt, volunteer botanist and naturalist at the Tualatin River and Wapato Lake National Wildlife Refuges, will present the program. Location: Carnegie Room, McMinnville Public Library, see above for details.

**October 29, Saturday, 10 am-noon**

**Work Party: Native Plant Garden.** Join NPSO volunteers tending the

native plant garden at McMinnville Public Library. Dress for the weather and bring gloves, bucket and gardening tools if possible. No experience is necessary; the garden is a great place to get acquainted with our local native species. Location: McMinnville Public Library, see above for details. For more information, contact Catie Anderson at [catie.fishback@gmail.com](mailto:catie.fishback@gmail.com) or 503-435-2401.

### IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. A sample waiver form is available at [http://npsoregon.org/documents/NPSO\\_waiver.pdf](http://npsoregon.org/documents/NPSO_waiver.pdf). Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

### NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12. A trip leader checklist and sample waiver form are available at: <http://npsoregon.org/calendar.html>

## Corvallis

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

**October 10, Monday, 7:30 pm**

**Program: Rare Plant Research in Oregon.** Matt Bahm of the Institute for Applied Ecology will give an overview of student research projects on rare plants in Oregon. Location: Avery House in Avery Park, 1200 SW Avery Park Drive, Corvallis. Free and open to the public. For information contact Judi Sanders, [judi.sanders@gmail.com](mailto:judi.sanders@gmail.com).

**October 23, Sunday, 1-4 pm**

**Work Party: Avery House Native Plant Garden.** We will weed, prune, and gather divisions of plants for the spring garden sale. Location: Avery Park. For more information contact Esther McEvoy at 541-754-0893.

## Emerald

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

**New Meeting Location:** The Stellaria Building, 150 Shelton-McMurphey Boulevard, Suite 104, Eugene. Head east on West 3rd Avenue until it turns into Shelton-McMurphey Boulevard. Stellaria is inside Hummingbird Wholesale.

**October 20, Thursday, 7 pm**

**Program: Cultivating Native Plants for Harvesting Food and Medicine.** Local permaculture expert Heiko Koster of Urban Ecogardens extolls the virtues of harvesting the abundance in a garden of native plants. From *Arnica* to elderberry, from waterleaf to wood sorrel, Heiko details the successes and failures of growing and harvesting native food and medicinal plants in local landscapes. The presentation includes plant samples for novices, tinctures to taste-test, and cultivation-guide handouts. Location: The Stellaria Building,

150 Shelton-McMurphey Blvd., Suite 104, Eugene, see above for details. For more information call Heiko at 541-485-7245 or go to [urbanecogardens@gmail.com](mailto:urbanecogardens@gmail.com).

## 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](mailto:colectarla@yahoo.com).*

Watch our Facebook page for specifics on these and other chapter activities.

### October 19, Wednesday, 3-5 pm

#### Workshop: iNaturalist Overview.

Join us for an iNaturalist workshop for people wanting to learn how to use this online database to enter observations. Bring your laptop; we will use the center's wi-fi connection. Our goal is to show you how to speed up and simplify your data entry process for sightings. Location: Lewis & Clark National Park Visitors Center at Fort Clatsop, Netul Room. For more information, contact Carla Cole, [colectarla@yahoo.com](mailto:colectarla@yahoo.com).

## High Desert

*For information, visit the High Desert Chapter website: [www.highdesertnpsoregon.org](http://www.highdesertnpsoregon.org) and Facebook page: Native Plant Society of Oregon: High Desert Chapter, or email [highdesertnps@gmail.com](mailto: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](mailto:kb_president@NPSOregon.org). 252.*

## Mid-Columbia

*For information on the Mid-Columbia Chapter, contact Sara Wu at [mc\\_president@NPSOregon.org](mailto:mc_president@NPSOregon.org).*

### October 20, Thursday, 7 pm

#### Program: Fostering the Awareness of a Native Tracker Along with the Knowledge of a Modern Scientist.

Presenter Teri Lysak teaches for Cascadia Wild and various primitive skills gatherings. Cascadia Wild "believes in balancing scientific study with

creativity, and professionalism with heartfelt enjoyment." Location: Columbia Gorge Community College, Building 1, Room 1.362, 400 Scenic Drive, The Dalles. Further information: Billy Don Robinson, 503-515-1708 or [bdmeme@gmail.com](mailto:bdmeme@gmail.com).

## Portland

*If you would like to receive the chapter's semi-official email newsletter, The Calochortus, email Don Jacobson at [donjphoto@gmail.com](mailto:donjphoto@gmail.com).*

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

The Portland Chapter meets the second Thursday of most months. Meetings and programs begin at 7:00 pm. **MEETING PLACE: Copeland Commons, TaborSpace at Mt. Tabor Presbyterian Church**, 5441 SE Belmont St., Portland. Enter the church through the main door off Belmont and turn right to enter the room. Parking is available in the church lot on the NW corner of SE 54th and Belmont.

### October 1, Saturday, 9 am

#### Field Trip: *Abies* ("True" Firs) Hike.

Hike leader Rick Shory has worked throughout the West as a Forest Service botanist. There is only one small area southeast of Mt. Hood where all four species of "true" fir (*Abies*) in the Northwest grow together, making comparison easy. Come learn this important genus of conifers, how to distinguish the species, and tell them apart from other trees. Very easy hike — a quarter mile on river trail and paved road, but you can make it a longer walk if you wish. Location: leave at 9:00 am, from near Gateway MAX station, SW corner of NE Multnomah Street and NE 99th Ave, by Gateway Medical Pharmacy. Or meet on site at 10:30 am. Round trip from downtown Portland, about 140 miles. Contact Rick Shory at [rickshory@gmail.com](mailto:rickshory@gmail.com) or 503 253-8100 to sign up for the hike and for the exact site.

### October 13, Thursday, 7 pm

#### Program: Landscapes, Flora, and Fauna of South Africa.

Join Susan Saul and Paul Slichter for an overview of the late summer landscapes, flora, and fauna of South Africa. We'll visit the unique fynbos habitats and several public gardens of the South Cape. We'll also journey north to see the savannah habitats of the Vredefort Dome and Pilanesberg National Park. Location: Copeland Commons, TaborSpace, Mt. Tabor Presbyterian Church, see above for details. Contact: Mary at [alphie-smith@comcast.net](mailto:alphie-smith@comcast.net) or 503-288-4340.

### November 10, Thursday, 7 pm

#### Program: Metro Native Plant Center— Connecting Community and Partners with Seed Conservation and Restoration.

The Metro Native Plant Center's mission is to collect, amplify, and bank herbaceous seed that is commercially unavailable, rare, threatened, uncommon or of importance to Metro restoration projects. Oak woodland, wetlands, and upland prairies are the NPC's focal habitats and will be featured in this presentation by Marsha Holt-Kingsley, Metro native plant materials scientist. Location: Copeland Commons, TaborSpace, Mt. Tabor Presbyterian Church, see above for details. Contact: Mary at [alphiesmith@comcast.net](mailto:alphiesmith@comcast.net) or 503-288-4340.

## Siskiyou

*To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to [announce-join@siskiyou.npsoregon.org](mailto:announce-join@siskiyou.npsoregon.org). No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2016, make a suggestion, or provide feedback regarding the field trip program, please contact Julie Spelletich at: [jspelletich@gmail.com](mailto:jspelletich@gmail.com). Join us on Facebook at: [facebook.com/SiskiyouChapterNativePlantSocietyOfOregon](https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon).*

### October 20, Thursday, 7 pm

#### Program: Land Conservation in Southwest Oregon.

Kristi Mergenthaler, Southern Oregon Land Conservancy stewardship director and Siskiyou Chapter NPSO president, will provide an overview of the Land Conservancy's

work protecting low-elevation farms, streamside forests, rare plants and other special places by working cooperatively with landowners. She will discuss upcoming conservation opportunities, including Rogue River property outside of Eagle Point, a pristine valley near Cave Junction, and Cascade foothills grassland outside of Ashland. 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.

## South Coast

*This is a newly formed chapter. For more information, contact the chapter president, Alexis Brickner, [sc\\_president@NPSOregon.org](mailto:sc_president@NPSOregon.org).*

## Umpqua Valley

*Visit [umpquavalleynativeplants.com](http://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](http://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.*

## 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.*

Annual Meeting, *cont'd*

Vorobik, David Wagner, Karen West, the Oregon Flora Project, and the Corvallis and Emerald NPSO Chapters.

Friday and Saturday speakers provided perspective and deeper understanding of the Cascade landscape and the plants that grow there.

Dave Kretzing's Friday evening program about the geology and hydrology of the McKenzie River had us pondering tuyas (eruptions beneath ice sheets) and hydrology pathways created by geologic activity as we looked at the stunning views of the Cascade Range during our field trips. Dave is a retired hydrologist with the McKenzie Ranger District of the Willamette National Forest.

Saturday evening keynote speaker Mark Egger's program focused on paintbrushes (*Castilleja*) and related genera. The diversity of these charismatic plants is wide ranging in color and habitat. Up to eight paintbrush species are documented from the McKenzie River area, many of which were seen on Annual Meeting field trips. Mark has studied the genus *Castilleja* for over 30 years. He is a research associate at the Burke Museum of Natural History in Seattle.

Field Trip Coordinator Bruce Newhouse provides the following summary: field trips came off without a hitch! Better than that, folks seemed to

express great enthusiasm. The positive response after the trips was tremendous! We tried a few new things this year. Thanks to help from Webmaster Clayton Gautier, we put up a map showing all the trip destinations and a comparison table of trip details. We also posted trip summaries, site maps and plant lists wherever available. And we sent first aid kits along on every trip.

We had nine trips Friday afternoon, 15 all-day trips Saturday, and another seven on Sunday morning. A hearty thanks to trip leaders for dedicating time, energy and skill to leading an Annual Meeting trip! Summaries provided by trip leaders consistently mentioned these items as popular:

**Coollest plants:** showy species such as Cascade Lily (*Lilium washingtonianum*) or the several species of paintbrushes; "weird" species such as gnome plant (*Hemitomes congestum*) and other achlorophyllous plants.

**COOLEST NON-PLANT and OTHER category:** a few insects were mentioned, but by far the most commonly mentioned was... VIEWS, VIEWS, VIEWS!

The weather was perfect, the flowers and views marvelous, and the camaraderie of hiking and admiring it all with fellow NPSOers was, as always, the best!

*continued on page 6*



Look for more 2016 Annual Meeting photos in the November *Bulletin*.

*2016 Annual Meeting Committee*

GAIL BAKER



## TRIP SUMMARIES

### FRIDAY

#### Aufderheide Drive (Ethnobotany)

(Steven Yeager, Heron Brae)

**Coollest plants:** Cusick's checkermallow (*Sidalcea cusickii*) and fields of scarlet paintbrush (*Castilleja miniata*).

**Coollest non-plants:** Beautiful S. Fork of the McKenzie River.

**Other highlights:** Eating ripe dwarf bilberry (*Vaccinium caespitosum*) and slender wintergreen (*Gaultheria ovatifolia*).

#### Echo Basin (Alice Smith)

**Coollest plants:** Lewis' monkeyflower (*Erythranthe lewisii*), white bog orchid (*Platanthera dilatata*).

**Coollest non-plants:** Boomer bouquets, glacial cirque.

**Other highlights:** Lazuli bunting.

#### Fish Lake (Dave Kretzing)

**Coollest plants:** Golden chinquapin (*Chrysolepis chrysophylla*), snowbrush (aka tobacco brush) (*Ceanothus velutinus*) and twinflower (*Linnaea borealis*).

**Coollest non-plants:** Historic buildings, especially the view from the deck of the CC Hall House. Lava Corral.



Suksdorf's paintbrush (*Castilleja suksdorfii*) at Park Creek

TANYA HARVEY



ARYANA FERGUSON

View of Cascades from Browder Ridge

**Other highlights:** Exploring the ecotone between the sedge community on the lakebed, and the shoreline vegetation.

#### Frissell Ridge (Aryana Ferguson, Bart Johnson)

**Coollest plants:** A large swath of great polemonium (*Polemonium carneum*), the beautifully colored mountain owl clover (*Orthocarpus imbricatus*), and one cascade lily (*Lilium washingtonianum*).

**Coollest non-plants:** The various species of butterflies and other pollinators (and bugs in general).

**Other highlights:** Amazing views of the Cascades (with the Three Sisters in particular, almost like you could reach out and touch them!)

#### Hand Lake (John Koenig)

**Coollest plants:** Pacific lupine (*Lupinus lepidus*) and Suksdorf's paintbrush (*Castilleja suksdorfii*).

**Coollest non-plants:** Beautiful Cascades views from Mt. Washington to Middle Sister.

**Other highlights:** Sweeps of pacific lupine (*Lupinus lepidus*) on the lake bed.

#### Hidden Lake (Bruce Newhouse)

**Coollest plants:** Roundleaf sundew (*Drosera rotundifolia*) and three-way sedge (*Dulichium arundinaceum*).

**Coollest non-plants:** Chalk-fronted corporal (dragonfly).

**Other highlights:** Tall, old-growth Douglas-fir.

#### HJ Andrews Experimental Forest

(Mark Schulze)

**Coollest plants:** ghost pipe orchid (aka phantom orchid) (*Cephalanthera austini*).

**Other highlights:** The old growth trail with a healthy and lush forest floor.

#### Park Creek (Tanya Harvey)

**Coollest plants:** Suksdorf's paintbrush (*Castilleja suksdorfii*), meadow alumroot (*Heuchera chlorantha*), English wintergreen (*Pyrola minor*).

**Coollest non-plants:** Lots of dragonflies, including one eating a damselfly, and a sulphur that wasn't an orange sulphur (western sulphur?).

**Other highlights:** Eating ripe honeysuckle (*Lonicera cauriana*) fruits.

More on Tanya's blog: [westerncascades.com/2016/07/19/field-trip-highlights-from-npso-annual-meeting/](http://westerncascades.com/2016/07/19/field-trip-highlights-from-npso-annual-meeting/)

Friday trips not reporting: Carpenter Mt. Lichens.

### SATURDAY

#### Blue Pool / Tamolitch "Falls" (Steven Yeager)

**Coollest plants:** Leafless wintergreen (*Pyrola aphylla*), American parsley fern (*Cryptogramma acrostichoides*).

**Coollest non-plants:** Blue pool and a slime mold.

**Other highlights:** The brief moments with no hikers, dogs, mountain bikes on the trail.



DON JACOBSON

Lupinus arbutus

### Browder Ridge (Alice Smith)

**Cooler plants:** Creamy stonecrop (*Sedum oregonense*), harsh paintbrush (*Castilleja hispida*), huge noble firs (*Abies procera*).

**Cooler non-plants:** Fir-engraver beetle engravings, baby grouse, prescribed burning of meadows.

**Other highlights:** Diversity of habitats.

### Canyon Creek Meadows (Bruce Newhouse)

**Cooler plants:** Lip fern (*Cheilanthes gracillima*), Lewis' monkeyflower (*Erythranthe lewisii*).

**Cooler non-plants:** Butterflies abounding; Three-Fingered Jack.

**Other highlights:** Old B & B burn; views of Mt. Jefferson; a single twin-berry (*Lonicera involucrata*) growing on a northerly slope with other shrubs in the B & B burn area.

### Coffin Mountain Pollinators (August Jackson)

**Cooler plants:** Cascade lily (*Lilium washingtonianum*), woodland beard-tongue (*Nothochelone nemorosa*), scarlet gilia (*Ipomopsis aggregata*), Gorman's aster (*Eucephalus gormanii*).

**Cooler non-plants:** Wasp-mimic fly (*Chrysotoxum* sp.), hemileuca moth, leafcutter bee, tons of checkerspot, red beetle on fern.

**Other highlights:** View incredible; amazing floral changes through the

hike.

### Fern Foray (Ed Alverson)

**Cooler plants:** Rattlesnake-fern (*Botrypus virginianus*) and Sierra wood fern (*Thelypteris nevadensis*) in the forest behind the McKenzie Ranger Station maintenance yard. In all, 17 species of ferns were seen at the day's four stops!

**Cooler non-plants:** Swainson's thrush singing in the canopy of the old growth forest along the Delta Nature Trail, the sound of summer in the Pacific Northwest!

**Other highlights:** Circus performers walking a slack line over the plunge pool above Sahalie Falls.

### Frissell Butterflies (Neil Björklund)

**Cooler plants:** Mountain owl clover (*Orthocarpus imbricatus*).

**Cooler non-plants:** Summer form of western white (butterfly).

**Other highlights:** 27 species of butterflies!

### Hidden Lake Bryophytes (Dave Wagner)

**Cooler plants:** Western ladies' tresses (*Spiranthes porrifolia*), roundleaf sundew (*Drosera rotundifolia*), *Sphagnum squarrosum*, and a hornwort.

**Cooler non-plants:** Chorus frogs and tadpoles.

**Other highlights:** Lunch in the sun.

### Horsepasture Mountain (Jenny Lippert)

**Cooler plants:** Blue gilia (*Gilia capitata*), skyrocket gilia (*Ipomopsis aggregata*).

**Cooler non-plants/other:** The view of the Three Sisters, especially over the basalt rock outcrop with cliff paintbrush (*Castilleja rupicola*) on it!

### Iron Mountain (Bob Ross)

**Cooler plants:** Ivesia (*Ivesia gordonii*) on the ridge north; western stananthium (*Anticlea occidentalis*).

**Cooler non-plants:** Holes excavated by mountain beaver.

**Other highlights:** Fantastic views!

### Lowder Mountain (Tanya Harvey)

**Cooler plants:** Acres of pussypaws

(*Calyptridium umbellatum*) and sub-alpine cat's ear lily; Cascade mariposa lily (*Calochortus subalpinus*).

**Cooler non-plants:** large bolete (mushroom); also dead tree with bark freshly peeled off on one side, still in one piece lying on the ground — how did that happen?

**Other highlights:** Gorgeous skyrocket gilia (*Ipomopsis aggregata*) and, of course, the great views!

More at: [westerncascades.com/2016/07/19/field-trip-highlights-from-npso-annual-meeting/](http://westerncascades.com/2016/07/19/field-trip-highlights-from-npso-annual-meeting/)

### Olallie Mountain (John Koenig)

**Cooler plants:** An albino western coralroot (*Corallorhiza mertensiana*), cascade lily (*Lilium washingtonianum*) and 900-year old-growth Douglas-fir.

**Cooler non-plants:** A western toad and a Cascades frog.

**Other highlights:** Panoramic views of the Cascade Range from Hood to Thielson.

### Scott Mountain (Gail Baker, Clay Gautier)

**Cooler plants:** Magenta paintbrush (*Castilleja parviflora* var. *oreopola*), huge population of subalpine cat's ear lily (*Calochortus subalpinus*), lupines, non-photosynthetic plants.

**Cooler non-plants/Other highlights:** Congenial company viewing all the Cascade peaks!

### Tidbits Mountain (Marci Cutler)

**Cooler plants:** Really big, dense patch of western bunchberry (*Cornus unalaschensis*) surrounding trail in *continued on page 8*



MARNA FORATH

*Alaska yellow cedar, Callitropsis nootkatensis, on Echo Basin trail. Trip leader Alice Smith said these trees could be 2,000 years old!*



Annual Meeting, *cont'd*

sunny area; explorer's gentian (*Gentiana calycosa*) in bud in the open near the top.

**Cooler non-plant:** Sitting on scree in sunshine looking at the beautiful views.

**Other highlights:** Green shaded forest with giant trees & great variety of understory plants.

Saturday trips not reporting: Indian Ridge Lichens, Quaking Aspen Swamp.

## SUNDAY

**Echo Basin** (Bruce Newhouse)

**Cooler plants:** Perhaps the showy Lewis' monkeyflower (*Erythranthe lewisii*) or the giant Alaska yellow-cedars (*Callitropsis nootkatensis*).

**Cooler non-plants:** The Lazuli buntings were putting on nice singing displays for those with binoculars.

**Other highlights:** Just a fine, fine way to spend a morning!

**Lookout Creek Old Growth Trail**

(Aryana Ferguson, Bart Johnson)

**Cooler plants:** Huckleberries (*Vaccinium* spp.) with different berries (blue and red and yum!) and the maidenhair fern (*Adiantum aleuticum*).

**Cooler non-plants:** Downed wood everywhere in all stages in all habitats including the stream (a few still standing dead trees right in the middle of the stream).

**Other highlights:** Silence and cool, clear, fresh air of the old growth forest!



KAREEN STURGEON

Fish Lake surrounding forest — *Campanula scouleri*, *Scouler's bluebell*



CHARLENE SIMPSON

*Emerald Chapter founder David Wagner identifying mosses*

**Parish Bog** (Tanya Harvey)

**Cooler plants:** Fresh gnome plant (*Hemitomes congestum*) and tons of both sundews (*Drosera rotundifolia*, *D. anglica*, and hybrids).

**Cooler non-plants:** Flock of cedar waxwings catching insects above us, also three swifts, and lots of rough-skinned newts.

**Other highlights:** Flowers on Robbins' pondweed (*Potamogeton robbinsii*); otter latrines.

**Lowlight:** Lots of toilet paper left by the trail where people camped.

More at: [westerncascades.com/2016/07/19/field-trip-highlights-from-npso-annual-meeting/](http://westerncascades.com/2016/07/19/field-trip-highlights-from-npso-annual-meeting/)

**Proxy Falls** (Bitty Roy / Michael Wherley)

**Cooler plants:** Gnome plant (*Hemitomes congestum*), but we saw a lot of other cool mycoheterotrophs including both *Monotropa* species.

**Non-plant highlights:** The lower falls, though the upper falls was nice and the rock gardens were lovely too.

**Other highlights:** We added six species to the plant list. A GREAT trip, and perfect for the half day time slot.

**Wildflower Photography** (August Jackson)

**Cooler plants:** A nice patch of farewell-to-spring (*Clarkia amoena*) was a big hit, as was the Elk Clover (*Aralia californica*). A spot on the

McKenzie River had several saxifrage species, which were a fun challenge to photograph.

**Other highlights:** Attendees had a wide variety of cameras, so we focused largely on how to get the most out of what you have, and discussed the benefits of phone cameras. The usefulness of flash photography for providing more control over the exposure was discussed.

Sunday trips not reporting: Aufderheide Dr., Indian Ridge.



DON JACOBSON

*Phlox gracilis*

To see more of Don Jacobson's 2016 Annual Meeting flora photos, visit these links: [donjacobsonphoto.com/LowderMtn/LowderMtn.html](http://donjacobsonphoto.com/LowderMtn/LowderMtn.html) [donjacobsonphoto.com/EchoBasin/EchoBasin.html](http://donjacobsonphoto.com/EchoBasin/EchoBasin.html) [donjacobsonphoto.com/IndianRidge/IndianRidge.html](http://donjacobsonphoto.com/IndianRidge/IndianRidge.html)



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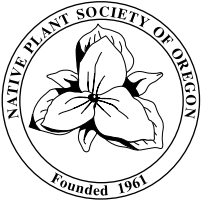
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Those who attended the Annual Meeting heard the exciting presentation launching our campaign to sponsor the completion of the *Flora of Oregon*. Volume 1 was published in 2015, and the two volumes presenting the dicots of Oregon are in the works. We are seeking your support for the publication of the remaining volumes. As with Volume 1, the Oregon Flora Project is responsible for the expenses of writing, editing, illustrating, designing, and printing of the books. Our portion of the royalties from sales of the books in no way covers the expense of their production; hence, our need for funds beyond our normal OFP operating expenses.

Each NPSO chapter president is receiving information about the opportunities for sponsoring the preparation of floristic treatments (\$135/species), illustrations (\$250), and front chapters (\$400). We hope that chapters will accept the challenge of “adopting” sections of each *Flora* volume to sponsor, and both collectively and individually support this significant contribution to science.

Look for more information about the *Flora of Oregon* campaign in your chapter meetings, in future *Bulletin* articles, and on the OFP website at <http://oregonflora.org/flora.php>.

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