



# Bulletin

of the

# Native Plant Society of Oregon

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

VOLUME 46, No. 6

JULY 2013

## An Opportunity to Expand NPSO Membership

*by Gail Baker and Zak Johnson, NPSO Emerald Chapter and Science Division, Lane Community College*

This spring NPSO launched a new menu item on its website: Botanical Education Workshops, [npsoregon.org/workshops.html](http://npsoregon.org/workshops.html). The first two workshops listed were Botanical Illustration from May 4 to 5 and Spring Flora in Eastern Oregon's High Desert from May 16 to 19. The addition of multi-day workshops is an excellent outreach opportunity that expands on each Chapter's evening programs and single day field trips. NPSO members and interested individuals are now offered a broader variety of ways to learn about our flora.

One of the goals of NPSO is to expand our 18-28-year old membership demographic. NPSO now offers stipends for students to attend the Annual Meeting. An additional way to support younger members is to offer student scholarships to attend the

botanical education workshops as well as provide a one-year student membership. The results of sponsorships are encouraging. For example, one Emerald Chapter member has sponsored a yearly student membership that has often led to students not only continuing their membership but also becoming active in leading field trips and participating in restoration and plant survey activities. Another Emerald Chapter member sponsored a student for the recent Botanical Illustration Workshop. One of several requirements for the sponsorship was a reflective essay and illustrations from the student in order to share their workshop experience in the *Bulletin*.

Zak Johnson, who will begin the landscape architecture program at the University of Oregon this fall, was the recipient of this sponsorship. Here are

Zak's reflections about being immersed in illustrating plants for two days:

*Art and nature have always been important to me, and finding ways to combine the two is one of my life's passions. The Botanical Illustration Workshop, taught by renowned botanical illustrator Linda Vorobik, offered a chance*

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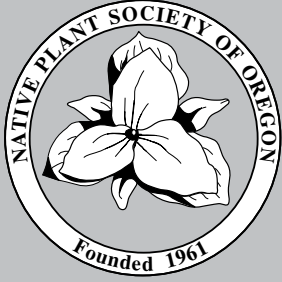
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GAIL BAKER

*Zak Johnson (front row center) with his fellow workshop colleagues and instructor Dr. Linda Vorobik (front row left).*



## 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

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### Bulletin of the Native Plant Society of Oregon

Editor: Erika Wedenoja  
Layout Artist: Jocelyn Duffy

ISSN 0884-599. Published 10 times per year. Subscription price specified in Membership Form printed on inside back cover page of this issue. Date and issue number on page 1.

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](mailto: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.

## Kalmiopsis Still Needs You

We know you are out there. A volunteer with some experience in botany and editing. Our *Kalmiopsis* editor, Cindy Roché, is retiring after 13 years on the job. We need a new editor. We cannot publish without one. It would be such a terrible loss to our society if we could not continue to publish our journal.

Our Handbook explains the responsibilities of the *Kalmiopsis* editor as follows:

**Purpose of Position:** Edits all content and oversees the production of *Kalmiopsis*.

**Knowledge/Skills/Abilities Required:** Computer, email access, and word processing software.

**Essential Functions:**

- Solicit articles for *Kalmiopsis*.
- Obtain books for review and recruit appropriate reviewers.
- Edit articles with input from the *Kalmiopsis* Editorial Board and technical reviewers (as needed).
- Negotiate with authors for final form of manuscript.
- Coordinate the *Kalmiopsis* layout with the pagesetter, including PDF version for website.
- Coordinate production with publisher, including obtaining bids, proofreading, and arranging bulk mailing.
- Respond to inquiries about *Kalmiopsis*.
- Keep track of expenses, submit all bills to NPSO treasurer, and submit an annual budget to the NPSO Budget Committee.
- Submit quarterly reports to NPSO Board.

If you have questions or are willing to step up, you may contact our president, Judi Sanders, [president@npsoregon.org](mailto:president@npsoregon.org).



Western scarlet gilia (*Ipomopsis aggregata* ssp. *formosissima*) is found in western and southwestern U.S. This photo was taken in July on the Iron Mountain Trail at 4700-5400 ft. elevation.

GERALD D. CARR, © 2006; COURTESY OF OREGON FLORA PROJECT

# NPSO CALENDAR

## State Notes

### 2013 Annual & State Board Meetings July 26 – July 28, Friday – Sunday

The William Cusick Chapter is hosting the 2013 Annual Meeting of the Native Plant Society of Oregon in Baker City. The State Board Meeting will be held on Sunday. Details are available in the April *Bulletin* and online at <http://williamcusick.npsoregon.org/>.

## Blue Mountain

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

## Cheahmill

For more information, visit the chapter Web site, [www.oregon-nativeplants.com](http://www.oregon-nativeplants.com). To be added to the e-mail list for upcoming programs and events, please contact [cheahmillchapternpsoc@comcast.net](mailto:cheahmillchapternpsoc@comcast.net).

### July 16 & August 20, Tuesdays, 5 – 7 pm

**Work Party: McMinnville Library Native Plant Garden.** NPSO has responsibility for maintenance of the demonstration native plant garden at McMinnville Public Library. It is beautiful this year! Volunteers learn to ID both native plants and weeds. Bring work gloves and tools. For more information, contact Susan Williams at [helgesusan@comcast.net](mailto:helgesusan@comcast.net).

## Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Alexis Brickner or Kevin Weitemier at [co\\_president@NPSOregon.org](mailto:co_president@NPSOregon.org) or 208-921-0827.

### July 13, Saturday, 8 am

**Field Trip: Iron Mountain Hike.** Spectacular wildflowers with over 200 species of vascular plants recorded along this botanically rich trail west of Santiam Pass. The all-day hike will be 5 miles through moderately difficult terrain. Bring good boots, lunch, and water. Meet at 8 am at the OSU parking lot SW of The Beanery on 26th

and Monroe in Corvallis. Contact Dan Luoma for more information, 541-752-8860.

### August 10, Saturday, 7:30 am

**Field Trip: Middle Pyramid.** The wildflower display on Middle Pyramid is spectacular in August. It is a steep two mile hike to the summit. Wear sturdy shoes and bring lunch, water, and even walking sticks if you use them. If there

### 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>

is time we could also do the beautiful two mile walk to the base of South Pyramid with a car shuffle. Meet at 7:30 am at the OSU parking lot SW of The Beanery on 26th and Monroe in Corvallis. We will return late afternoon. Contact Louise Marquering, 541-753-0012 or [patch1L@aol.com](mailto:patch1L@aol.com).

## Emerald

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

### July 14, Sunday, 9 am – noon

**Field Trip: West Eugene Wetlands.** Ed Alverson leads us in commemorating "International Field Botany Day" with a walk along the Fern Ridge bike path through the West Eugene Wetlands. Observe the 384th anniversary of the first (documented) botanical field trip - a group of apothecaries who traveled the countryside in SE England in July 1629 to record all of the plants they saw. We will pass through a variety of prairie and wetland habitats, with a mix of rare native plants as well as common introduced species. Location: Meet at Checkermallow Access, located on the south side of the 5700 block of Royal Ave., between Terry St. and Greenhill Rd. For more information call Ed at 541-461-1958.

### July 20, Saturday, 9 am – 4 pm

**Field Trip: Upper Elk Meadows.** Alan Curtis will lead a hike to Upper Elk Meadows, 30 miles from Cottage Grove. Elevation of the meadow is 4,000 feet. Over 200 species of vascular plants have been identified, including *Frasera umpquaensis* at its most northerly known location. Surrounding the meadow is an old-growth forest of *Abies amabilis*, *Abies grandis*, and *Pseudotsuga menziesii*. We will walk about 1.5 miles through moist meadow. Wear boots and bring lunch and water. Location: Meet at South Eugene High School. Contact: Alan Curtis, 541-345-2571.



# Klamath Basin

For information on the Klamath Basin Chapter, contact Sarah Malaby at 541-884-5703 or [smalaby@cs.com](mailto:smalaby@cs.com).

The following wildflower field trips are sponsored by the NPSO Klamath Basin Chapter, Klamath County Museum, Fremont Winema National Forest, Klamath Falls BLM Resource Area, and Crater Lake National Park. For all trips it is recommended that you bring sturdy shoes or boots, plenty of water, sun screen and/or a hat, and a lunch. Be prepared for mosquitoes at most sites.

## July 13, Saturday, 9 am – noon

**Field Trip: Swan Lake Mountain.** We will travel up FS Rd. 9718 to Swan Lake Mt. The trip will consist of several stops of easy walking over uneven terrain for short distances off the road. We will see a variety of forest wildflowers and enjoy the terrific view from the highest point on the Chiloquin Ranger District. Location: Meet at Hagelstein Park, just east of Hwy 97. From Klamath Falls take Hwy 97 north approximately 16 miles. Look for the sign indicating the park turnoff. Information: Missy Anderson, Forest Service Chiloquin District Office, 541-783-4001.

## July 20, Saturday, 9 am – noon

**Field Trip: Tunnel Creek.** Tunnel Creek has some interesting riparian and boggy habitats. There are no trails through this area and walking will be moderate to difficult in places (e.g. climbing over downed logs and through wet areas). Rubber boots are recommended. Location: south of Buck Lake off the Keno Access Rd. Meet at the Pioneer Park Boat Launch on Hwy 66 (right before you cross the Klamath River). Information: Johanna Fickenscher, BLM Klamath Resource Area Office, 541-883-6916.

## August 10, Saturday, 9 am – noon

**Field Trip: Crater Lake Garfield Peak Trail.** Meet near the east end of the Crater Lake Lodge at Rim Village. Hike is 3.4 miles round trip and a strenuous climb (1,000 ft. elevation gain) to the summit of Garfield Peak along the Crater Lake rim. Please note that participants will need to pay a \$10 entrance

fee or have a park pass. Information: Jen Beck, Crater Lake National Park, 541-594-3072.

# Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at [wusara96@yahoo.com](mailto:wusara96@yahoo.com).

**The Mid-Columbia Chapter will not meet in July or August.**

# Portland

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

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

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

**The Portland Chapter will not have a program meeting in July or August.**

## July 6, Saturday, 7 am

**Field Trip: Iron Mountain.** Iron Mountain is a botanical paradise so wonderful, there's a book about it: *Wildflowers of the Western Cascades*, by Ross & Chambers. Expect to see several *Sedum* and *Castilleja* species, *Nothochelone*, *Aconitum*, *Lilium washingtonianum*, *Ipomopsis aggregata*, *Rudbeckia occidentalis* and more. We'll have lunch at the top on the new viewing platform. Moderate 3.4 mile hike round-trip with 1,200 feet of elevation. 260 mile drive RT, with an early morning start. NW Forest Pass required (or bring \$5 in cash for the self-service kiosk). Contact Brent Miller, 503-382-7605, or

[foliosus@foliosus.com](mailto:foliosus@foliosus.com) for more information or to sign up.

## July 11, Thursday, 8 am – 5 pm

**Field Trip: Silver Star Mountain.** The rocky soil and open meadows of Silver Star Mountain are a wonderland of sub-alpine and alpine wildflowers, including *Xerophyllum tenax*, *Calochortus subalpinus*, *Lewisia columbiana*, *Ligusticum grayi*, five penstemon species, and more. This moderate hike is 5.6 miles round trip with 1,240 feet elevation gain. Hiking boots and poles recommended; bring lunch, water, binoculars, etc. Drive 95 miles RT, high-clearance vehicles recommended for the last 4 miles. For more information, contact leader Susan Saul, [susan103saul@gmail.com](mailto:susan103saul@gmail.com) or 360-892-5643. To sign up for carpools, contact assistant leader Clarice Johnston, [claricej@gmail.com](mailto:claricej@gmail.com) or 503-860-9808. Let her know if you are a rider or driver and how many passengers you can take. Group size limited to 12.

## July 20, Saturday, 8 am

**Field Trip: Lookout Mountain.** This hike is east of Hood River Valley. We'll hike the loop from High Prairie to the top of Lookout Mountain, down to Gumjuwac Saddle, and back up to High Prairie. There will be a variety of forest, meadow, and rocky outcrops with lots of good plants. The hike is 7 miles with 2,000 feet elevation gain. Round trip drive is 150 miles paved, 12 miles gravel. NW Forest Pass required. For meeting place and to sign up, contact Ron Klump, [ronklump55@comcast.net](mailto:ronklump55@comcast.net) or 206-619-8892.

## September 12, Thursday, 7 pm

**Program meeting: Ethnobotany and Land Management Techniques.** Bonnie Lyn Shoffner, restoration volunteer coordinator from Metro will present. Contact: Mary Smith, [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 2013, make a suggestion, or provide feedback regarding the field trip program please contact Sasha Joachims at: [sasharain71@gmail.com](mailto:sasharain71@gmail.com).

Hikes are rated for difficulty according to the following criteria: Easy: Up to 3 miles, less than 700 ft. elev. gain. Moderate: 3-5 miles, less than 1,200 ft. elev. gain. Strenuous/Difficult: 5-10 miles, up to 2,500 ft. elev. gain. Rugged: Over 10 miles, steep trail, over 2,500 ft. elev. gain.

#### July 4, Thursday, 10 am – 4 pm

**Wildflower Show: Irene Hollenbeck Memorial.** The Siskiyou chapter of NPSO will host the annual Irene Hollenbeck Memorial Wildflower Show, featuring over 300 species of flowers from the volcanic Cascades, the much older Siskiyou, and the valleys in between. Free admission. Location: Ashland Community Center, 59 Winburn Way (across from Lithia Park in Ashland). For more information, call Jim Duncan, 541-482-7629.

#### August 3, Saturday, 8 am – 5 or 6 pm

**Field Trip: Alpine Flowers at Crater Lake National Park.** Alex Maksymowicz will guide us on a drive along the west rim of Crater Lake, stopping occasionally to see what's growing on the rocks next to the road. We will climb Llao Rock to see if we can spot Pumice Moonwort, *Botrychium pumicola*, and to enjoy lunch with a view over the lake. We should see a variety of alpine rock and alpine meadow flowers. Difficulty level: moderate; Llao Rock is about 1.5 miles cross-country RT, with a climb of no more than 500 ft; however, there are occasional steep stretches. Location: meet at the: dirt parking lot behind Oil Stop next to Shop 'n Kart, we will leave at 8 am. Contact Alex Maksymowicz at 541-482-1964 for information.

#### August 11, Sunday, 9 am

**Field Trip: Walch Meadow.** Join Wayne Rolle for a SW Cascades hike of about 1 mile RT on flat terrain. Most of the time will be spent in wet, boggy areas with unstable footing. Required footwear: Rubber boots, or shoes that can get wet and muddy and won't pull off in the mire. Walch Meadow is

a wet meadow/fen complex near the headwaters of South Fork Little Butte Creek. It has a locally unique wetland vascular plant and bryophyte flora. See bog birch, simple gentian, lesser bladderwort, capitate sedge, sundews, cottongrass, and a suite of wetland mosses. Location: meet at the Medford BLM to carpool. Call Wayne Rolle for information, 541-482-0093.

#### August 17, Saturday

**Late summer on Mt. Ashland - CANCELED due to early bloom times this year.**

## Umpqua Valley

Visit [www.umpquavallemnativplants.com](http://www.umpquavallemnativplants.com) for more information on chapter activities or to be added to our e-mail list.

## Willamette Valley

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

#### July 14, Sunday, 7 am

**Field Trip: Iron Mountain.** Enjoy one of the best wildflower hikes in Oregon. Iron Mountain (near Sweet Home) has over 300 different species of flowers amid stands of trees and meadows. John Savage will lead this all day hike over

a seven mile loop with elevation gain. Bring food and water. Free and open to the public. For information and to register, call John Savage, 503-399-8615 after 7 pm..

## William Cusick

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

#### July 13, Saturday

**Field Trip: Van Patten Lake.** Susan Geer will lead a hike to Van Patten Lake. This is a practice hike for the Annual Meeting; participants can expect to help make a plant list. For information, call Susan Geer, 541-963-0477.

#### July 20, Saturday, 9:30 am

**Field Trip: Olive Lake.** Joan Frazee will lead a hike to Olive Lake. This is a practice hike for the Annual Meeting; participants can expect to help make a plant list. Location: Meet at the trailhead in the parking area adjacent to campsite 27 at Olive Lake Campground, Umatilla NF. Follow the road into the campground (do not turn right to boat dock), continue straight ahead until road ends at 1 mile - this is the trailhead.

## Scrambled Species

The native plants listed below may be seen on the field trips at this month's Annual Meeting. Can you ID each genus and species?

- |                    |                           |
|--------------------|---------------------------|
| 1. A I E V S I     | G N I O R I O D           |
| _____              | _____                     |
| 2. P O E T S N E M | N T U S V U E S           |
| _____              | _____                     |
| 3. M L U A I M O T | U M A O P R E H T C Y R R |
| _____              | _____                     |
| 4. I A T G N E A N | O C L A S Y A C           |
| _____              | _____                     |
| 5. U E M G         | I S O R S I               |
| _____              | _____                     |

Need a hint? Here is the first letter of each genus and species:

1. IG 2. PV 3. LE 4. GC 5. GR

Answers will be in the August/September 2013 *Bulletin*.

## OTHER EVENTS

### Ashland Parks & Recreation

July 10 & August 14, Wednesdays,  
9:30 – 10:30 am

**Tour: Demonstration Garden.** Learn about the gardens at North Mountain Park with volunteer docent and master gardener Susan Lander. Discover how to attract wildlife and conserve water in the Butterfly, Amphibian-Reptile and Native Plants Gardens. Step into the past in the Heirloom Garden and enjoy the fragrance of the Herb Gardens. Free (suggested donation to the Nature Center). Register online at [www.ashland.or.us/register](http://www.ashland.or.us/register) or call the Nature Center at 541-488-6606. Location: North Mountain Park Nature Center, 620 N Mountain Ave in Ashland.

### Siskiyou Field Institute

August 4, Sunday

**Class: Botanizing Crater Lake's Sphagnum Bog.** Tucked into a rarely visited corner of Crater Lake National Park is a sphagnum bog! Kristi Mergenthaler will guide us 2 miles through montane forest, passing Crater Springs, to explore montane mire and a floating mat filled with incredible plants, including five species of insectivorous bladderworts and sundews. We'll carefully explore delicate plant communities and meet bog plants like buckbean and mare's-tail as well as lovely wet meadow flowers. We'll also learn to identify some distinctive sedges, grasses and mosses. Tuition: \$50. Advance registration required. For more information, call 541-597-8530 or visit [www.thesfi.org](http://www.thesfi.org).

### North American Butterfly Association (NABA)

August 4, Sunday, 8 am

**Field Trip: Coffin Mountain.** This is a great time to visit Coffin Mountain, off Highway 22 east and south of Detroit Lake. It is a moderate hike from the trailhead, the views of the Cascades are gorgeous, wildflowers are in bloom, and butterflies abound, including blues, coppers, fritillaries, and checkerspot. Hiking may be in rough or slippery terrain, so proper dress and footwear are essential. Location: Meet at the Campbell Community Center parking lot, 155 High St., in Eugene, to carpool. Open to the public, newcomers and visitors are always welcome. Preregister with David & Lois Hagen, NABA. [ES.trips@gmail.com](mailto:ES.trips@gmail.com) or 541-344-7630.

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## Botanizing Lake County

The first workshop of NPSO's new botanical education program was held in the high desert of Lake County, Oregon this May. Jake Hurlbert, Cheahmill Chapter member, shared the following observations of the flora (and fauna) that he and fellow workshop participants encountered:

*Lucile [Housley], Cecile [Shohet], and Cindy Roché identified over 100 plants and I categorized three insects... Several lizards disappeared as soon as they were seen. Many birds dotted Summer Lake including a White Pelican pair that stood out on a distant shore while Long Billed Dowitchers stirred the mud below with their beaks looking for arthropods...I was disappointed that we saw no rattlesnakes or ticks.*

*Beautiful lichens covered the rocks while some caught sight of antelopes along side the road. Unfortunately, no mushrooms were found. A reference to Ergot of Rye (a poisonous fungus that grows on grain) was made that once infected the food supply of earlier natives.*

For photographs and to read more about the workshop, visit the June 2013 issue of Jake Hurlbert's "BiotaBits" online at [mycoeco.com/June13.pdf](http://mycoeco.com/June13.pdf).



*Cecile Shohet (right) explaining a rare find: Spiny Hopsage, Grayia spinosa, (left to right) to Stu Garrett, Frances Stilwell, and Cindy Roché*

JAKE HURLBERT



# Lomatium pastorale, a New Species in Northeast Oregon

*Lomatium pastorale* is a new species endemic to Oregon, found only in the Umatilla and Wallawa-Whitman National Forests of Umatilla County. It grows in "scabland" areas with shallow soils over basalt bedrock, producing bright yellow flowers in late May or early June. Based on observations of annual root crown scars, it is estimated that some individuals may live 60 years or more. While there are currently only two confirmed locations, *L. pastorale* can grow densely and the population size is estimated to be around 10,000 individuals. It appears to proliferate in disturbed landscapes, so one reason for this population density may be the intensive sheep grazing that historically

occurred in the area. Indeed, *L. pastorale* was named for the area's history as a summer range for domestic sheep. While it was initially named *L. pastoralis*, the ending was changed in accordance with Latin gender agreement.

Distinctive characteristics of *L. pastorale* include its fruits, which are narrowly elliptical, and its flower stalks which, at maturity, typically trail on the ground. *L. leptocarpum* and *L. ambiguum* are similar species in the local area but the former has more oblong fruits, while the latter does not have ground trailing flower stalks.

Field work and research on *L. pastorale* was conducted by Mark Darrach, who will be speaking and leading a



*Lomatium pastorale* Type Specimen

field trip at this month's Annual Meeting, and David H. Wagner, Emerald Chapter member. Additional information about *L. pastorale* is available in this year's *Kalmiopsis*.

## Reference

Darrach, M.E. & D.H. Wagner. 2011. *Lomatium pastorale* (Apiaceae), a new narrow endemic from Northeastern Oregon. *Journal of the Botanical Research Institute of Texas* 5(2): 427-435.

DAVID H. WAGNER



David H. Wagner in a *Lomatium pastorale* meadow, circa 1979



MARK DARRACH

A *Lomatium pastorale* habitat in Union County, Ore.

## Hoyt Arboretum Herbarium, HAH - a New Resource for Scientists and Plant Enthusiasts

by Erin Riggs, Hoyt Arboretum Herbarium Curator

Hoyt Arboretum Herbarium has been officially accepted into the New York Botanical Garden Index Herbariorum (IH), online at [sciweb.nybg.org/science2/IndexHerbariorum.asp](http://sciweb.nybg.org/science2/IndexHerbariorum.asp). Only those collections that are permanent scientific repositories and actively curated are included in the IH. Our institution had been assigned the permanent unique identifier HAH.

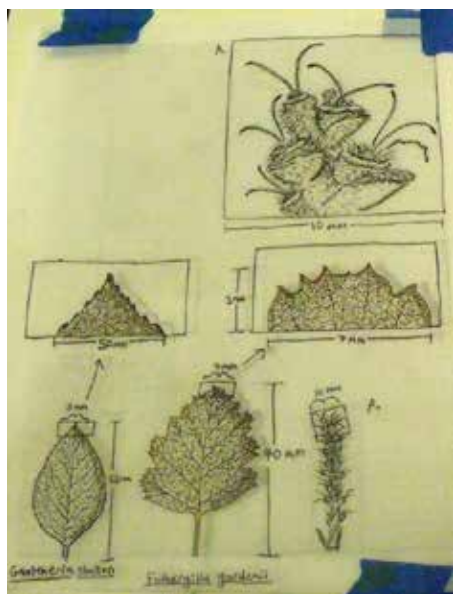
Hoyt Herbarium and Arboretum, [hoytarboretum.org](http://hoytarboretum.org), are a regional taxonomic resource in the greater Portland Metro. Our herbarium is composed of vouchers from the Arboretum collection, [hoytarboretum.gardenexplorer.org](http://hoytarboretum.gardenexplorer.org), including our 62 IUCN globally endangered species, invasive species as educational tools, and regional species to capture current ecological conditions. We provide plant identification services and offer our inventory of herbarium specimens to researchers, all levels of educators, the public, and students. In addition to serving Portland Parks & Recreation, we serve a wide variety of community partners such as the Leach Botanical Garden, City of Portland, Bureau of Environmental Services, Metro Regional Government, and university researchers and students.

Visiting hours are Monday - Friday: 8 am - 4 pm. To study our vouchers please contact Erin Riggs, [Erin.riggs@portland-oregon.gov](mailto:Erin.riggs@portland-oregon.gov), or Martin Nicholson, [Martin.nicholson@portlandoregon.gov](mailto:Martin.nicholson@portlandoregon.gov)



Practicing with watercolors, illustration by Zak Johnson.

to improve my artistic technique, learn more about plants, and most important, to participate in a community of like-minded people that care about nature and art like I do.



Using leaves to understand the challenge of drawing to scale, illustration by Zak Johnson.

Throughout the workshop, our focus was to measure and observe carefully the unique details that characterized each plant we drew. There were a broad range of gorgeous live plants to choose from and render, initially with pencil, then pen and ink, and finally

watercolor. At first, I found it challenging to map out, for proper scale, and draw the microscopic details of my chosen specimens, but I was rewarded for my patience with some fine-looking renderings. I don't consider myself a fine artist by any stretch of the imagination, but the guidance of this workshop improved my abilities by encouraging me to take my time, slow down and draw what I see, not what I think should be there.

This advice rings true outside of the art world as well. Taking time to observe the details of any lesson or subject will enhance your understanding, experience, and outcomes. It was truly a pleasure to spend the weekend with other people who care about plants and self-improvement as much as I do. This workshop has been helpful to me in how I approach drawing, but it has also improved my observational skills and my awareness of local flora.

To view more photos from this workshop and find information about a variety of botanical illustration workshops visit [vorobikbotanicalart.com](http://vorobikbotanicalart.com).



## SageSTEP Sagebrush Guide Available Online

The Sagebrush Steppe Treatment Evaluation Project (SageSTEP) has published the Pocket Guide to Sagebrush, written by Leila Shultz. This guide describes 18 species of sagebrush, as well as their various steppe ecosystems in western North America. Identifying characteristics and range maps of the species are included. Illustrations by Linda Vorobik of details such as leaves and flowering heads will aid further analysis. Download a free copy in PDF format at [sagestep.org/pubs/brushguide.html](http://sagestep.org/pubs/brushguide.html).



Lewisia rediviva, Bitterroot, is a low growing plant with deep pink to nearly white flowers that bloom on short stalks. Bitterroot is dormant in mid-summer.

## Wanted: Creative person with experience using Adobe InDesign.

Get involved with NPSO by volunteering four to six hours per month to lay out the Society's *Bulletin* newsletter. The *Bulletin* editor pulls together the content and you make it look good. Increase your expertise with InDesign, work with some wonderful people and if you are in the job market - volunteering for NPSO looks great on your resume! If you are interested, please contact Erika Wedenoja, *Bulletin* editor, at [bulletin@NPSOregon.org](mailto:bulletin@NPSOregon.org)



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☐ New ☐ Renewal

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**CONTRIBUTIONS** to NPSO are tax deductible.

Jean Davis Memorial Scholarship Fund \$ \_\_\_\_\_

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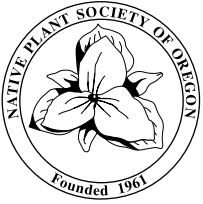
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The Oregon Flora Project is developing a comprehensive reference about the plants of Oregon that includes distribution maps, images of live plants and herbarium specimens, descriptions, and identification tools. The information is available to the public via our website, [oregonflora.org](http://oregonflora.org). Funding for the Oregon Flora Project comes exclusively from competitive grants and donations from organizations and individuals. The contributions people give of their time and financial resources are a critical part of our operating budget. If you would like to be a part

of the team that keeps the OFP progressing, please contact us at [ofpflora@oregonflora.org](mailto:ofpflora@oregonflora.org), or phone 541-737-4338.

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