



Bulletin

of the Native Plant Society of Oregon

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

VOLUME 43, No. 4

MAY 2010

Review of Volume 8 of *Flora of North America*

by Frank Lang



HTTP://WWW.FLICKR.COM/PHOTOS/PEUPLELOUP/2631134629/; CC BY-SA 2.0

Rhododendron groenlandicum, formerly *Ledum groenlandicum*, is commonly known as *Labrador tea*, a reference to its northern distribution and its use as a tea by native Americans

Flora of North America Editorial Committee, eds. 2009. *Flora of North American North of Mexico*. Vol. 8.

Magnoliophyta: Paeoniaceae to Ericaceae. New York: Oxford University Press. 624 pages, illustrations, maps. \$95.

Volume 8 of the *Flora of North America* covers flowering plants from peonies to rhododendrons and their relatives. Families represented in the Oregon flora include: our one species in the Paeoniaceae, (*Paeonia brownii*), Grossulariaceae, Saxifragaceae, Crassulaceae, Primulaceae, Myrsinaceae (where *Trientalis*, *Anagallis*, and *Lysimachia* were placed), Sarracenaceae (with our marvelous *Darlingtonia*), the huge Ericaceae with its numerous subfamilies including the mycotrophic, achlorophyllous members (Indian pipe).

New families in our flora, the Penthoraceae and Theophrastaceae, are represented by two weeds, cranberry bogweed and seaside brookweed, respectively. Other families, including Clethraceae, Diapensiaceae, Ebenaceae, Iteaceae, Symplocaceae, and Theaceae, are eastern North American or tropical

continued on page 8

Taste Geology?

by Jim Long, Umpqua Chapter

Can you *taste* the difference? Two local geologists introduced the question when they spoke about “Geology and Plant Communities in Douglas County” at the Umpqua Chapter’s February meeting.

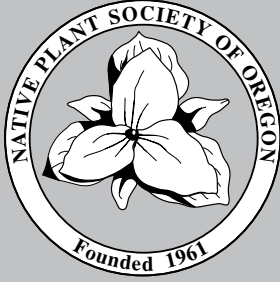
Craig Tozer, field trip coordinator for Wildlife Safari in Winston, first sketched out basic information about the geological history of the Pacific Northwest and southwest Oregon. He emphasized how plate tectonics shaped our landscape.

Co-presenter Larry Broecker, a retired geologist with the U.S. Forest Service,

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Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

E-mail Discussion List

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

Taste Geology, continued from page 1

then illustrated relationships between geology, underlying rocks (parent material), derivative soils, and plants. That helped us understand, for instance, why, near Callahan Meadows, we see the mariposa lily and jeffrey pine on serpentine-derived soils, and we see the kincaid lupine on granitic-derived soils.

Then we got to grapes and the wines crafted from those grapes in the Umpqua.

Broeker noted the major terrane-boundary Wildlife Safari Fault that runs between the Coast Range and the Klamath Mountains—two distinct geomorphic provinces with very different geological histories: One was deposited and uplifted in place; the other formed piecemeal elsewhere and rafted piece by piece to its current location atop a tectonic plate subducting beneath the North American continent.

He explained that the Abacela Winery, southwest of Roseburg, straddles this fault and has planted a few acres of the same syrah grape on both sides of the fault. Soil on the south side of the Wildlife Safari Fault is derived from Dothan Fm sandstone, part of the Jurassic-age Klamath Mountains. Soil on the north side is derived from the Bushnell Rock Conglomerate of the Coast Range.

The same variety of grape—syrah—was planted on each side. The grapes receive comparable care, but grapes planted in the soil derived from the conglomerate require more irrigation because it drains more rapidly and lies on a steeper, south-facing slope.

The Tozer-Broeker “quiz” that evening was for us to distinguish wines fermented from grapes on each side of the fault and, just for fun, to rate each one. Most folks, we found out, preferred the wine from the less-irrigated, sandstone-derived Coast Range Dothan soil.

What a way to help us grasp relationships between plants and geology!



This lovely flower is actually a rare double form of our normally lackluster native Pacific blackberry or dewberry (Rubus ursinus). It grows along the roadside at the trailhead of Lookout Mountain in Douglas County.

TANYA HARVEY

NPSO CALENDAR

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

May 8, Saturday, 10 am–noon

Field Trip: Rotary Nature Preserve Lichens Study. Former Cheahmill Chapter President Marilynn Karbonski will lead a workshop and hike in this urban nature preserve. Meet at the Linfield College parking lot at the corner of Linfield and Blaine streets, one block off Highway 99W at 9:30 for the short drive to the park. Information: 503-835-1042.

May 11, Tuesday, 5–7 pm

Summer work party. Native plant garden at the McMinnville Library. New volunteers welcome. Bring gloves and garden tools. Please let Susan know if you plan to attend; 503-538-1865, helgesusan@comcast.net. Other work parties are scheduled for June 8, July 13, Aug. 10 and Sept. 14.

June 19, Saturday, 9 am–3 pm

Workshop: Plant Family Identification Primer. Kareen Sturgeon, past chapter president and retired botany professor at Linfield College, will present a plant family ID workshop from 9 a.m. to noon in the Carnegie Room, McMinnville Public Library, 225 N.W. Adams St. (Highway 99W). Practice your ID skills in optional session from 1–3 p.m. Register by June 12. Workshop cost is \$5; mail check, made out to Cheahmill Chapter NPSO, to Kareen Sturgeon, 1135 N.W. Winterwood Loop, McMinnville OR 97128. Hand lenses will be available for purchase for \$13, or bring your own. Information: ksturg@linfield.edu.

Corvallis

If you have questions about any of these programs or would like to join the

Corvallis chapter e-mail list, contact Laurel Moulton at lamoulto@yahoo.com.

May 2, Sunday, 11 am–4 pm

Native plant sale. Annual fundraiser at the Corvallis Spring Garden Festival in Central Park. Shop for natives to fill up your garden or volunteer to help set up or to work a shift. Information: Esther McEvoy, 541-754-0893. This is our only fund raising event!

May 8, Saturday, 2:30–4 pm

Woodpecker Loop nature walk. As a part of the first annual Corvallis Natural Areas Week, Esther McEvoy and Laurel Moulton will guide a one-mile family-oriented walk along the

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. For a sample copy check out the NPSO website. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. 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.

Woodpecker Loop at Findley Wildlife Refuge. A clear day will offer great views of the valley and Cascade Mountains, with many species of plants and wildlife to observe along the way. Information: Esther McEvoy, 541-754-0893 or visit the Natural Areas web page: www.sustainablecorvallis.org/naturalareasactionteam

May 10, Monday, 7:30 pm

Program: Wildflowers of the Swiss Alps. Dan Luoma and Joyce Eberhart will share their experiences from a week of botanizing in the Swiss Alps. They were led on this outstanding wildflower adventure in 2009 by longtime NPSO member Kareen Sturgeon, retired botany professor from Linfield College. Avery Park Nature Center. Information: Laurel Moulton, lamoulto@yahoo.com or 206-459-3834.

Emerald

The Emerald Chapter Web site has a new address: <http://emerald.npsoregon.org>. Though the address is different, the site still has all of the latest chapter events, plant lists and botanical information about Lane County plants and the people who love them.

May 1, Saturday, 2 pm

Springtime Special: Moon Mountain Park. Where else can you see four species of native biscuit root growing 10 minutes from downtown Eugene? Or see more than 100 other native plant species and 36 native species of birds and butterflies within just a few acres? And if that isn't enough, there are rugged old Oregon white oaks and spectacular views of the Willamette River and Spencer Butte. Moon Mountain Park is a well-kept secret. Tour of the park with naturalist Bruce Newhouse includes a "rogue" bike trail that was constructed through a sensitive area, information about Eugene's restoration efforts, and discussion on how to protect fragile resources. Plant enthusiasts, mountain bikers (walking), park lovers, wildflower photographers and everyone else are

welcome (but no pets, please). Less than 2 miles total hiking, but trail is steep in sections. Followup discussion will occur at McMenamins at 19th and Agate. Preview the hike at <http://brucen.zenfolio.com> (click on "Places") and the 2008 species lists at www.salixassociates.com/resources.html. Meet at 2 p.m. at the Amazon Community Center to carpool. Information: 541-521-0962.

May 9, Sunday, 12 pm to 5 pm

Mother's Day Native Garden

Tour. Join us for the second annual native plant garden tour in Eugene, featuring a variety of Willamette Valley native plants and habitat types in several private gardens. Visit one or all in any order at your own pace. Homeowners and NPSO members will be available at each site to answer questions. Garden descriptions with plant lists and a map will be available to download from the Emerald Chapter's Web site, <http://emerald.npsoregon.org>. Carpooling, biking, and walking are encouraged as parking will be limited.

May 15, Saturday, 9 am

Mount Pisgah Arboretum Wildflower Festival collection and setup. If you'd like to help collect flowers for the show, please contact David McClurg at dpm@efn.org or call 541-746-9478. To help set up displays, come to the arboretum at 9 a.m. Saturday.

May 16, Sunday, 10 am–4 pm

Mount Pisgah Arboretum Wildflower Festival. A plant sale and hundreds of native wildflowers are on display, and there is live music, information booths of many local organizations and food! Sponsored by Mount Pisgah Arboretum, Lane Community College's botany department and Emerald Chapter, NPSO. Call 541-747-3817.

May 17, Monday, 7:30 pm

Meeting: Jennifer Lippert, forest botanist from the Willamette National Forest, will present an overview of the botany program focusing on terrestrial restoration and invasive species projects and ending in a discussion about potential volunteer opportunities. EWEB Training Room, 500 E. Fourth Ave.,

Eugene. Information: 541-746-9478.

May 22, Saturday, 8:30 am

Field Trip: Heckletooth Mountain.

Just outside Oakridge, this low-elevation mountain trail passes through several flowery meadows, forest, and some interesting recovering burned areas before reaching rocky viewpoint at the top. A wide variety of plants includes *Madia elegans*, *Balsamorhiza deltoidea*, *Lomatium macrocarpum*, *Arnica cordifolia*, and *Astragalus umbraticus*. The trail is less than 3 miles round trip with 1,200 feet of elevation gain, but there are several steep stretches. Note: rain date is Sunday, May 23. Meet at South Eugene High School at 8:30 a.m. or the Lowell covered bridge at 9 a.m. Information and registration: Tanya Harvey, 541-937-1401 or Wild.Iris@att.net. Co-sponsored by the North American Rock Garden Society.

June 5, Saturday, 9 am

Field trip: Horse Rock Ridge. Alan Curtis will lead a hike to a steep, rocky meadow high in the Coburg Hills north of Springfield. There are wonderful views of the surrounding countryside and great botanical diversity. This is a 5-mile walk. Bring water and lunch. Wear hiking shoes. Information: 541-345-5531.

June 26, Saturday, 9 am

Field trip: Sahalie Falls and Sand Mountain Lookout. Sahalie Falls pours over the southernmost edge of the Sand Mountain lava flow that dammed Clear Lake. After stopping there to meet Don Allen of the Sand Mountain Society and look at the falls, we'll continue to Sand Mountain to see alpine wildflowers and habitat restoration work. The Sand Mountain hike is about 3 miles with 800-foot elevation gain. Bring hiking shoes, warm clothing, snacks, and water. Meet at 9 am at the South Eugene HS or Thurston area Albertsons (far NE Parking). Information: 541-746-9478.

High Desert

To be added to the e-mail list for upcoming events, please contact Maria

Britton at mebritton@bendbroadband.com. For questions or more information, please contact Eileen Obermiller at hd_president@NPSOregon.org.

Klamath Basin

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

Mid-Columbia

To sign up for e-mail notices of impromptu field trips and detailed information about upcoming meetings, send e-mail to Hanna Metzger (hannam@gorge.net).

May 13, Thursday, 7 pm

Butterflies of the Columbia River

Gorge: John Davis, a local lepidopterist, will show his slides and talk about butterflies that can be found in and around the Columbia River Gorge. Boardroom, Building 1, Columbia Gorge Community College, The Dalles.

North Coast

For information on the North Coast Chapter call Janet Stahl at 503-842-8708.

May 16, Sunday 2 pm

Field trip: See Blue Camas. Vivian Starbuck and Janet Stahl will lead an easy walk. Meet at the Methodist Church in Bay City to carpool 1 mile to the site. We are looking for new members to identify and enjoy native plants. Information: 503-377-4141, 503-842-8708 or jjs@oregoncoast.com.

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.

Saturday, May 1

Celebrate Native Plant week at Cooper Mountain Nature Park! Come to Cooper Mountain Nature Park and explore off-trail wildflower areas with Billy Don. Among its 230 acres of south-facing slope, CMNP has truly

wonderful examples of open oak woodlands and prairie, featuring some species found nowhere else in the Portland region, as well as the showcase species Pale Larkspur and Checkermallow. We also have a lovely assortment of birds (Western Bluebirds, for starters) and other animals, so bring your binoculars. We will stay until approximately lunchtime. To register, and for carpool information: Billy Don, 503.515.1708

Thursday, May 13, 7 pm

Talk: Plant-Fungus Relations. Randy Molina of Gresham will speak on plant-fungus relations in mycorrhizal symbioses: how our plant communities function in space and time. Diverse fungi (including many mushroom and truffle species) and native plants have mycorrhizal associations, and these relationships effect changing plant communities. Molina, managing editor of *Mycorrhiza*, an international journal concerned with research into mutually beneficial relationships between plants and fungi, recently retired after 32 years of forest mycology research with the U.S. Forest Service in Corvallis. Mt. Tabor Presbyterian Church, Southeast Belmont at 54th Avenue; church lot parking OK. Info: Billy Don, 503.515.1708

May 23, Sunday, 10 am

Hike, Canemah Bluff Metro Natural Area. Meet at end of Fourth Street in Oregon City at 10 a.m. Questions, directions or ride share: Erin.riggs14@gmail.com (parking is tight). Canemah is the counterpart to Camassia Prairie just across the river, similar vegetation, nice rare oak habitat; we might spot some *Delphinium*. Short, easy hike of about 1.5 miles.

Siskiyou

The Siskiyou chapter e-mails meeting reminders and last-minute information such as field trip cancellations. To be added to the list, please send your e-mail address to oregonbk@mind.net.

April 24, Saturday, 9 am

Field trip: Illinois Valley "Serpentine

Surprise." Join hike leader Norm Jensen to search out serpentine endemics and southwestern Oregon spring flowers in the botanically rich Illinois Valley. Destination dependent on where the plants are best. Meet in Selma at the south side of Ray's Market parking lot on Hwy. 199 between Grants Pass and Cave Junction at 9 a.m. For more information e-mail normjensen@gmail.com.

April 25, Sunday, 10 am

Field trip: Whetstone Savanna Preserve. Join The Nature Conservancy ecologist Keith Perchemlides and Molly Morrison for a tour of the ODOT Mitigation Bank and Whetstone Savanna Preserve. This is a great opportunity to see the vernal pools, prairie openings and oak wood habitats without driving between sites. The vernal-pool-specific species are likely to be in bloom, and if interested participants can help Keith with an informal monitoring project. 12 person limit. Contact Sasha Joachims at sasharain71@gmail.com or 541-661-3492 to register and get information about meeting time and place.

April 25, Sunday, noon-3 pm

Event: Spring Wildflower Show. Join us for a small but vibrant spring wildflower show at Northwest Nature Shop in Ashland.

May 1, Saturday, 8 am

Field trip: Lower Table Rock. For Native Plant Appreciation Week, Sasha Joachims and Frank Lang will lead a hike up Lower Table Rock to enjoy the transition of habitats and resulting plant diversity. It is 1.74 miles to the top, moderately difficult and 1/2 mile longer than Upper Table Rock. Plan 4 hours for the round trip; bring water, sturdy shoes and snacks or lunch. Water is not available along the trail or at the trailhead. Meet at 8 a.m. at the Lower Table Rock trailhead off Wheeler Road. Information: Sasha Joachims, sasharain71@gmail.com or 541-661-3492.

May 15, Saturday, 8:30 am

Field trip: Rogue River Trail to Rainie Falls. Led by Armand Rebischke. We'll start at Graves Creek Bridge and follow the south side trail at the beginning

of the wild and scenic Rogue River to Rainie Falls. This is the shady side of the river, with populations of *Lewisia cotyledon* and *Delphinium nudicaule*. Meet at Rays Market, shortly after exiting west off I-5 at Merlin, along Merlin-Galice Road. Information: Armand Rebischke, 541-482-2141

May 20, Thursday, 7 pm

Herbarium: The Southern Oregon University Herbarium, room 206 in the Science Building, will be opened by NPSO volunteers for a half hour before the May chapter meeting. To arrange access at other times call the curator, Steve Jessup, 541-552-6804, or Connie Battaile, 541-488-0368.

May 20, Thursday 7:30 pm

Program: Sudden Oak Death Update: What's New in Oregon and Around the Globe. Ellen Goheen, a plant pathologist for the U.S. Forest Service, will discuss the continuing effort in Oregon to eradicate the pathogen *Phytophthora ramorum*, the cause of Sudden Oak Death. She will also provide an update on recent research findings and disease outbreaks from around the world. Southern Oregon University, Science Bldg., RM 171. Refreshments at 7:15 p.m., meeting and program at 7:30. Kristi Mergenthaler, 541.941.3744.

May 23, Sunday, 10 am

Field trip: Black morels, led by John Teem. We'll be looking for black morels in the Howard Prairie vicinity, the most abundant edible spring mushroom near the valley. There will be others to see and identify, too, but not with the same abundance or diversity as in the fall. Meet behind Oil Stop on Ashland Street next to the Ashland BiMart/Shop'n Kart parking lot, about 1/4 mile west of I-5, exit 14. Information: John Teem at (541) 621-6137 or john@continuumfarm.com.

June 5, Saturday, 10 am

Field Trip: Three Rogue Valley Trees. NPSO fellow Frank Callahan leads us to a Hinds Walnut site on Bear Creek, followed by trip to the Tolo Tavern to see the Famous "Tolo Tree" a gray pine about a half mile north of Tolo on Gold

Ray Road. Then a quick jog to Fort Lane historical site to see the gallery tree and then to Foley Lane and let the hike begin—a short but rigorous hike to see both gray pine and California buckeye. Bring a lunch and prepare to carpool. Group size limited; registration required. Meet at Abertsons in Central Point at 10 a.m. Leader: Frank Callahan, 541-855-1164, callahanseds@gmail.com.

Dates to save for summer field trips:

Saturday, June 26: Norm Jenson, Bolan Lake

Saturday, July 3: Alex Maksymowicz, Grizzly Peak summer flowers

Saturday, July 17: Lee Webb, Bigelow Lakes. Traditional moonlight hike! Nearly a full moon, and a good way to escape the heat in the valley

Umpqua Valley

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

May 1, Saturday, 9 am-4 pm

Annual Native Plant Sale. Celebrate Native Plant Appreciation Week with us as we hold our annual native plant sale at the Douglas County Museum of Natural and Cultural History. Our event is the same day as the Master Gardener's 2010 Plant and Garden Expo. Every year we have a large variety of plants for sale on the Douglas County Museum lawn. This year, look for our booth inside the Expo building at the fairgrounds, where we will have information about NPSO as well as plants for sale. Free informational handouts at both locations. Directions: Take I-5 Exit 123 and follow the signs to the 2010 Plant and Garden Expo at the fairgrounds and/or follow signs to the outside sale at the Douglas County Museum of Natural and Cultural History.

May 13, Thursday, 7 pm

Meeting: Program TBA, followed by our monthly business meeting. We meet every second Thursday at 7 pm in room 1 at the Mercy Community

Education Bldg, 2459 N.W. Stewart Parkway Blvd, Roseburg. Contact: Donna Rawson 541-459-2821

May 15, Saturday, 8:30 am

Field trip: Indian Caves. Indian Caves is located in the upper North Umpqua River watershed near Limpy Rock. We should see a wide assortment of flowers including *Kalmiopsis fragrans*. Member Rod Trotter will lead us on this field trip. We will meet in the parking lot behind the Douglas County Courthouse at 8:30. Information: 541-672-1907.

May 22, Saturday, 8:30 am

Field trip: King Mountain Rock Garden. With its variety of plant species, this area has never disappointed photographers, hikers or plant enthusiasts. Expect to see several species of *Eriogonum*, *Sedum*, *Penstemon*, *Fritillaria* and some unusual *Phacelias* and more. Trip leader: Sam Friedman. Meet in the parking lot behind the Douglas County Courthouse at 8:30 a.m. or at I-5 exit 103 at McDonalds at 9 a.m. Information: 541-673-0589. (All field trips also meet at 8:30 a.m. at the Douglas County Courthouse parking lot, north-east corner.)

Willamette Valley

Contact Lisa Olivares, 503-391-4145, or John Savage, 503-399-8615 for program information.

May 8 and 9, Saturday and Sunday

Silver Falls State Park Mother's Day Birding and Wildflower Festival. Wildflower walks will be offered throughout both days beginning at 10 a.m. Members of the Native Plant Society of Oregon will lead the walks, starting at the historic South Falls Lodge. Bird walks, presentations, and classes and workshops also will be available. For a full schedule of activities, call Dorothy Brown Kwaiser, 503-874-0201.

May 30, Sunday, 7 am

Field Trip: Dog Mountain. Participants in this all-day hike will view wildflowers on Dog Mountain, on

the Washington side of the Columbia Gorge. This is a difficult hike. Bring lunch and water. To register, call 503-399-8615 after 7 p.m.

William Cusick

Visit our Web site at <http://williamcusick.npsoregon.org> for updates and general information.

No chapter meetings for May through August, but watch for field trip opportunities during this time. Meetings will resume in September.



HTTP://CLIPART.PEIRCEINTERNET.COM/PLANTS.HTML

Volunteer Needed to Edit the NPSO Bulletin

The NPSO *Bulletin* is once again in need of an editor. I regret that I must step down because of health reasons.

Putting together the newsletter 10 times a year is a pleasant process involving about 10 hours a month. The editor compiles and edits feature stories, notes and chapter happenings; another volunteer does the layout and helps find photographs.

Editing the *Bulletin* is a wonderful way to parlay your love of Oregon and its native plants into something lasting and meaningful. I've enjoyed my stint, however brief.

If you are interested in this position, contact me or David Lebo, NPSO president.

—Fran Gardner, Bulletin editor

OTHER EVENTS

Berry Botanic Garden

Portland's Berry Botanic Garden offers classes at the garden, 11505 SW Summerville Ave., Portland. Information: Kris at 503-636-4112 ext. 102; www.berrybot.org

May 4, Tuesday 7–9pm

Local Trail Treasures and Wildflower Wonderlands: Hiking author Douglas Lorain will talk and show slides highlighting two topics: the best day hikes within a two-hour drive of Portland, and the best places to see wildflowers all around the Pacific Northwest.

May 7, Friday, 3–5 pm and May 8, Saturday, 10 am–1 pm

Crash Course in Flower ID: Learn how to dissect flowers, speak the language of botany, and hone your identification skills. Classroom and field work. \$30 Limit 10.

May 12, Wednesday, 9 am–3 pm

Mosses and Lichens Up Close: An easy hike along the Salmon River. This lush rain forest is the ideal setting to explore the diversity of these organisms that seldom get the attention they deserve. Donations requested. Limit 12.

May 15–16, Saturday and Sunday, 8:30 am–4 pm

Botanical Illustration: Lecture, demonstrations, and supervised drawing sessions with professional scientific illustrator Lynn Kitagawa. \$125 Limit 15

Other Classes

May 8–9, Saturday and Sunday

Wildland Grasses: ID of Native and Naturalized Grasses. Cindy Roché leads a two-day class at the Siskiyou Field Institute's Deer Creek Center in Selma. Refresh and hone your skills in keying and field recognition of introduced and native grasses of

southwestern Oregon. Learn to recognize local grasses by sight, smell, or even touch. Beware a "war grass," as it could leave you bleeding, but the grass that flashes a peace sign is not dangerous. Become adept at keying unknown specimens, with and without dissecting microscopes, both in the classroom and in the field. Tuition: \$100; naturalist certificate available. Information: 541-597-8530, institute@thesfi.org.

May 22, Saturday, 1-4 pm

Nature Journaling and Scientific Illustration. Work with Portland artist Kelly Casad to draw a scientific illustration of a native plant, bird, or scene in your nature journal. Nearby Nature Learnscape in Alton Baker Park, Ashland. Cost: \$30 members, \$35 nonmembers. Registration is required and space is limited. Limited work trades available. Information: www.nearbynature.org/programs/lessons-in-the-learnscape; 541-687-9699; info@nearbynature.org.

Plant Sales are Bursting Out All Over

May 1–2, Saturday and Sunday, 10 am–4 pm

Wildflower show: 29th annual show is a benefit for Jackson County Fire district #4. Plant sale, art fair, quilt show, BBQ. Botanists on hand. Admission by donation. Shady Cove School on Cleveland Street. Information: wildflower-show@gmail.com

May 1, Saturday, 9 am–4 pm

Native Plant Sale. Umpqua Chapter's annual native plant sale at the Douglas County Museum of Natural and Cultural History. See full listing in the NPSO Calendar.

May 2, Sunday, 11 am–4 pm

Native plant sale: Corvallis Chapter's annual fundraiser at the Corvallis Spring Garden Festival in Central Park. See full listing in the NPSO Calendar.

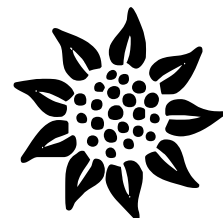
May 15–16, Saturday and Sunday, 10 am–4 pm

Native Plant Sale: Audubon Society of Portland, 5151 N.W. Cornell Road. Proceeds benefit Audubon programs such as nature education, wildlife sanctuaries, and wildlife rehabilitation. Over 100 species of Oregon wildflowers, shrubs, and trees. Special shopping lists for shade, sun, butterflies, and hummingbirds are available as well as on-site plant experts to answer questions.

Plant Sale Advance Presentation: Join educator, herbalist, and activist Judy Bluehorse Skelton at 7 p.m. Tuesday, May 11, in Heron Hall for a free Nature Night presentation on our relationship with native plants as food, medicine, and more. All events are free and open to the public. Information: 503-292-9453 or www.audubonportland.org/sanctuaries/plant-sale/plant-sale

May 16, Sunday, 10 am–4 pm

Plant sale: Mount Pisgah Arboretum's 30th Annual Wildflower Festival and Plant Sale, in conjunction with Native Plant Society of Oregon's Emerald Chapter and LCC Science Division. Proceeds support the Arboretum's work in habitat restoration and environmental education. Mount Pisgah Arboretum, 34901 Frank Parrish Road, just south of Eugene. Wildflowers, live music, food, crafts. New this year: Art in Nature. Local artists display throughout the arboretum with a map to find their work. Information: 541-747-3817, www.MountPisgahArboretum.org





CASSONDRA SKINNER © USDA-NRCS PLANTS DATABASE

Brown's peony or western peony (Paeonia brownii) is native to dry sagebrush and Ponderosa pine country from British Columbia south to Wyoming, Nevada, Utah and California. It can grow in sand; the fleshy roots store food to carry the plant through dry summers.

in distribution, not part of our flora except as the occasional ornamental.

There will be other surprises, the result of new information, particularly from the molecular world. These include genera moved to different families, shifted to a different genus, or given a new (and usually older) name. *Trientalis* moves from the Primulaceae to the Myrsinaceae, *Ledum groenlandicum* to *Rhododendron*, and *Cladothamnus* to *Elliottia*. Such is the fate of plant taxonomists and botanists, both professional and amateur, in the modern world. Fortunately, authors offer an explanation for the changes with ample literature citations.

Maps are a disappointment; a dot in the middle of the state where species is known to occur is not very helpful. Earlier volumes had maps that showed the species' approximate distribution on the landscape. Representative illustrations are attractive, accurate, and well chosen, but do not include most species—usually the one you are trying to identify. The book has dichotomous identification keys that presumably should lead to a correct identification confirmed by careful, accurate descriptions. This volume, like the others in the series, is well constructed, with

quality paper, cover, and binding.

Keen NPSO members may want to buy the book as the latest taxonomic word on the included species. Otherwise, the published volumes are available online at www.efloras.org.

Frank Lang is professor emeritus of biology at Southern Oregon State University and a member of the Siskiyou Chapter of NPSO.



USDA-NRCS PLANTS DATABASE. WETLAND FLORA: FIELD OFFICE ILLUSTRATED GUIDE TO PLANT SPECIES. USDA NRCS.

Seaside brookweed, Samolus valerandi L., is a perennial forb/herb.

Now Available: Native Plant Society of Oregon Occasional Paper 3

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NPSO Occasional Paper 3: 1-315.

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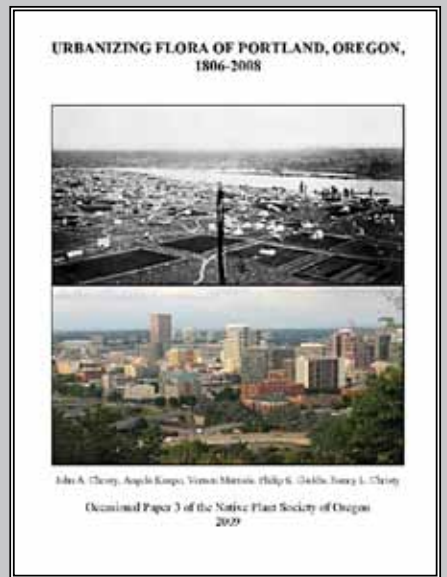
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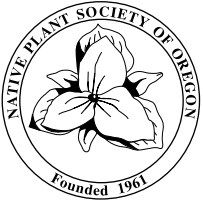
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