

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. 4

MAY 2016

Native Plants...What Are They?

The NPSO listserv hosted a lively discussion in January 2015 regarding the definition of "native plant." (For those who are not familiar with the NPSO listserv, it is a discussion list via email that is open to everyone. To learn more about it or to join, visit npsoregon.org and click on "Online Discussion List Subscribe!") Bruce Newhouse initiated the discussion by proposing that NPSO adopt a definition of "native," and invited input from others. Newhouse noted a 1991 *Kalmiopsis* article by Mark V. Wilson, David E. Hibbs, and Edward R. Alverson that discusses native species in the context of conservation of native ecosystems and landscapes. The authors of this article state that the meaning of "native" is "difficult to define precisely and remains poorly understood." They

suggest a definition based on history and geography: "In the Pacific Northwest, any species that had occurred in a particular ecological habitat before Euro-American settlement is a species native to that habitat." Read the full article online at npsoregon.org/kalmiopsis/kalmiopsis01.html.

A quarter of a century later, when we use the term "native," what do we mean? It apparently is still not a simple issue as several who expressed opinions pointed out in the discussion. There is not enough space in the *Bulletin* for the entire NPSO listserv discussion, so the following comments are a sampling of responses:

A native plant species is one that occurs naturally in a particular region, ecosystem and/or habitat and was present prior to European settlement. I'd want to clarify "naturally", and the "present prior to European settlement" invites controversy, but it is short and simple.

-Karl A. Anderson

A restoration-oriented definition of native:

A species occurring in an area since presettlement times that is adapted to the local ecosystem and is sufficiently like adjacent conspecific populations that, if crossed with them, would produce healthy progeny similar to them in genetic composition.

-Tom Kaye

As a Backyard Habitat Certified (BYH) garden and volunteer with the local organization, we encourage the interconnected backyard garden planting of

native plants. All of the approved plants for certification in BYH must be on a list developed from historical listing from Lewis and Clark, David Douglas, Native local tribe sources etc. For Backyard Habitat purposes native plants are classified as plants bred from original wild stock as our first class choice. Nursery created varieties or imported varieties do not provide nutrition or occasionally incomplete nutrition for birds and insects.

-MK Nelson

For a start....A plant "native" to a local area is defined generally as one naturally occurring within the same Ecoregion. More specifically, a plant is locally native if it:

- was not introduced directly by humans or indirectly by their activities
- is or was naturally growing in the local area
- co-evolved with invertebrates, fungi, and other life forms as part of an ecological web

Obviously, a paragraph or three of
continued on page 8

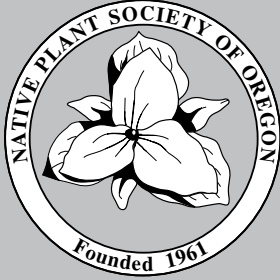


Camassia quamash

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Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

E-mail Discussion List

To join, send a message to majordomo@tardigrade.net, with the following in the body of the message:
subscribe 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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Bulletin of the Native Plant Society of Oregon

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ISSN 0884-5999. 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.

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.

2016 Annual Meeting Registration Filling Quickly

The Emerald Chapter is excited to report that early registration for the July 15-17 2016 Annual Meeting has been fantastic. As of the first week in April the meeting is two-thirds filled. The Chapter could reach maximum capacity for the venue in May. This is earlier than the June 15 advertised deadline. Late registrants will be placed on a waiting list.

Lodging in on-site dormitories at the venue is still available. Executive and Coach Lodges on the premises are filled. If you have not yet registered and want lodging other than dormitory, we suggest that you consider alternative off-site housing (motels, cabins, camp grounds), however these are also filling quickly.

Field Trip Chair Bruce Newhouse reports that field trips are filling fast. He has added four more field trips: two Friday afternoon and two Sunday morning. When all trips are at capacity, last registrants will have two self-guided trips from which to choose.

Please check the Annual Meeting website, emerald.npsoregon.org/2016mtg, on a regular basis for the most up-to-date information.



NPSO Board Candidates for 2016

The Nominating Committee's candidates for NPSO state offices are:

President: Lisa Blackburn
Treasurer: Cyndi Dion
Directors-at-Large: Thea Jaster, Michael McKeag, Zak Weinstein

Brief resumes of each candidate, along with the ballot, will be printed in the June *Bulletin*.

We are still lacking candidates for Vice-President and Secretary. Please consider serving our Society. Interested persons and people with suggestions for potential candidates may contact Dan Luoma by email (daniel.luoma@oregonstate.edu) for more information. Candidates nominated by May 10 will be included on the ballot.

Online Payments!

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



Campanula scouleri

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NPSO CALENDAR

State Notes

NPSO Annual Meeting 2016

July 15-17, Friday-Sunday

Emerald Chapter will host the 2016 NPSO Annual Meeting on a private forested 46 acre property near the majestic McKenzie River, a fifty minute drive from Eugene. Location: McKenzie River Conference Center, Rainbow, Oregon. Please check the Annual Meeting website, emerald.npsoregon.org/2016mtg, on a regular basis for the most up-to-date information.

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.

May 7, Saturday, 9 am-noon

Field Trip: Iskulpa Creek Overlook.

Iskulpa Creek overlook is just beyond the crest of Cabbage Hill, about a 20 minute drive. We'll also make stops at a couple other spots on the way back, returning by noon. Location: meet at the County Health Clinic parking lot (south side), across from the Prodigal Son, to carpool. For information call Bruce Barnes, 541-276-5547.

May 28-29, Saturday-Sunday

Field Trip: Zumwalt Prairie. An overnight field trip to Zumwalt Prairie, northeast of Enterprise. A tram ride up Mt. Howard at the end of Wallowa Lake is possible, but it may be under snow. Another side trip is a visit to Iwetemlaykin State Heritage Site on the east edge of Joseph, which is mostly native prairie, and should be at its peak. Accommodations include motels in Joseph or Enterprise, or a bunk house at Zumwalt Prairie. If you want to go, RSVP right away: 541-377-2634 or flora.id@wtechlink.us.

June 18, Saturday, 8 am

Field Trip: Ruckel Ridge. An all-day trip to Ruckel Ridge from end to end: Ruckel Ridge Grand Ronde

and Umatilla watersheds, between La-Grande and Pendleton. A gravel road rides the ridge for about 12 miles, considered one of the best wildflower places in Oregon. If you are coming from the east, let me know and we can set a time to meet at the Mt. Emily exit off I-84. Location: meet at the Health Dept. parking lot across the street east of the Prodigal Son.

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

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

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

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

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@NPSOOregon.org.

May 28, Saturday, 10 am-3 pm

Event: Wildflower Show and Native Plant Sale. ID wildflowers and weeds, buy native plants, and tour the library's native plant garden. Location: Carnegie Room, McMinnville Public Library, 225 NW Adams St. (corner of Hwy 99W and SW 2nd St.). Parking lot entrances on Adams and 2nd Streets. For more information, call 503-835-1042.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter email list, contact co_president@NPSOOregon.org.

May 9, Monday, 7:30 pm

Meeting/Program: Blackberries in the Willamette Valley. Blackberries were introduced into the Pacific Northwest for cultivation and have since spread throughout the Willamette Valley. These invasive non-natives are challenging the habitat of our native endemic species. Kim Hummer of the National Germplasm Repository will talk about the ecological challenge, genetics, and diseases of these alien invaders. Location: Avery House in Avery Park. For more information contact Esther McEvoy at 541-754-0893 or estherco@peak.org.

May 15, Sunday 1-4 pm

Work Party: Avery House Native Plant Garden. Come and help spruce up the native plant garden. Bring clippers, shovel, gloves, and a bucket. Contact Esther for more information at 541-754-0893.

May 22, Sunday, 9 am

Hike: Marys Peak. We will hike from the camp ground to the summit and back through the woods. Bring a lunch,

sturdy hiking boots, and raingear. We will return to Corvallis by mid afternoon. Location: meet at 9 am at the parking lot across from the Monroe Beanery to carpool. Contact Esther at 541-754-0893 to sign up.

Emerald

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

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

May 1, Sunday, 10 am-noon

Field Trip: Mount Pisgah Arboretum. Join local ecologists Peg Boulay and Bruce Newhouse in enjoying the vibrant spring life at the Mount Pisgah Arboretum. Peg and Bruce will identify and talk about flowers and trees, birds and bees, and anything else you please! Rain or shine. This event is a collaboration between the Arboretum and NPSO. Location: meet at the Arboretum Visitor Center. Cost \$7, Members FREE. Preregistration required, call 541-747-3817 or visit mountpisgaharboretum.com/workshop-registration.

May 13-14, Friday-Saturday

Volunteer: Mount Pisgah Arboretum Wildflower Show. We will spend all day Friday and Saturday morning in the field collecting plants. Please contact Matt Groberg at 541-954-5334 or botanybudmg@gmail.com for information on how and where you can collect and for assistance on where to obtain the required collection permits for federal, state or city property. Saturday is a chance to work elbow to elbow with field botanists who can identify plants. We need people to help place plants in vases and to identify and put plants out for display at the Arboretum. Come for a couple of hours or all day from 9 am-3 pm. On Sunday, May 15 the Wildflower Show is from 10 am to 5

pm in the Arboretum White Oak Pavilion. Directions: In south Eugene go east from I-5 at 30th Avenue and follow Seavey Loop Road to Mount Pisgah.

June 4, Saturday, 9 am

Field Trip: South Eugene Meadows City Park. Emily Steel of Eugene Parks and Open Space and Ed Miesen, the former property owner, will lead a tour of this large natural area in the Ridgeline Park System. This park has recently undergone major restoration to improve the condition of regionally rare oak and upland prairie habitats. We will walk 2-3 miles on foot paths and occasionally through vegetation. Location: meet at 19th and Patterson in the South Eugene High School parking lot. We will return to the school before 2 pm. For more information call 541-345-5531.

June 11, Saturday, 9 am

Field Trip: Horse Rock Ridge. Alan Curtis leads a 3-mile hike to a steep, rocky meadow high in the Coburg Hills north of Springfield. Enjoy wonderful views of the surrounding countryside and great botanical diversity. Bring water and lunch. Location: meet at South Eugene High School, 19th and Patterson. For more information call 541-345-5531.

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.

May 21, Saturday, 10 am-3 pm

BioBlitz: Lewis and Clark National Historical Park. Hundreds of National Parks across the country will be celebrating the NPS Centennial with Bioblitzes and Biodiversity Festivals on this day. At this Lewis and Clark event, the focus will be on pollinators and plants along the Netul River. In addition to activities and presentations open to the public, Kathleen Sayce, president of the Filipendula Chapter, will be leading two botanical forays wherein participants will learn the plants in the park

and record the phenology of selected species using the National Phenology Network's Project Budburst protocols. Group size for these inventories will be limited to 12, and participants must sign up through a National Park Service Bioblitz portal. See nps.gov/lewi for details.

High Desert

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

June 11-12 Saturday-Sunday, 9 am-5 pm

Event: Central Oregon Wildflower Show. Our chapter collaborates with the Sunriver Nature Center to host this annual native plant showcase! Native plants on display, native plant sale, and guest speakers. Volunteers welcome to help out during the two-day show. Admission \$6 adults, \$4 children. For more information, visit the chapter website. Location: Sunriver Nature Center, 57245 River Rd.

Klamath Basin

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

Mid-Columbia

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

May 13, Friday, 11 am-2 pm

Hike: Grass ID with Rick Shory. Location TBA, Pre-registration will be required. Contact Don Hardin for details at donhardin2@gmail.com.

May 13, Friday, 6-9 pm

Program: Grass Recognition. Co-sponsored by Mid-Columbia NPSO and WNPS Suksdorfia, Rick Shory will present a program that is ALL about the *Poa*. Swing by early for a combined meeting with both boards around 6, program at 7:00. Location: White

Salmon, Wash., details TBA. Contact Don Hardin for details at donhardin2@gmail.com.



USDA-NRCS PLANTS DATABASE

Poa marcida from Hitchcock, A.S. (rev. A. Chase). 1950. Manual of the grasses of the United States.

May 19, Thursday, 2:30-4:45 pm

Field Trip: Yellow Star Thistle in the Gorge. Marty Hudson will lead a tour of two sites infested with yellow star thistle. We will start at the Burdoin Mt. parking area at the base of Courtney Road, several miles east of Bingen. Please contact Will Bloch in advance: 509-493-3572 or willbloch@gorge.net.

May 19, Thursday, 7 pm

Program: Yellow Star-Thistle in the Gorge. Learn about the location and management of yellow star thistle infestations on Washington side of the Columbia River Gorge. 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.

Portland

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

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

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

May 11, Wednesday, noon

Field Trip: Urban Lunch-Hour Walk, Tanner Springs Park. Rick Shory, who has worked throughout the West as a Forest Service botanist, will lead the walk. Location: Tanner Springs Park, between NW Marshall and NW Northrup Sts, and NW 10th and 11th Aves in downtown Portland. The parks department has gathered together in this sunny "restoration ecology" some native wildflowers that you would have to travel far to see in their natural haunts. Meet at the SW corner of NW Marshall St. and NW 11th Ave. If you are late it will be easy to spot us as the entire park is just one city block. Sign up is not required, but will allow the leader to contact you if anything changes: rickshory@gmail.com or 503-253-8100.

May 11, Wednesday, 5:30 pm

Field Trip: Camassia Preserve. Easy one-mile hike. A profusion of *Camassia quamash* will hopefully be in full bloom as well as 300 other plant species. Location: meet at the entrance, 5000 Walnut Street, West Linn. This trip may be

delayed if weather is not agreeable so contact Jason Clinch at jason.clinch@gmail.com or 503-706-2404 to sign up or with any questions. If you can't get there by 5:30 and still want to join, let Jason know. The preserve is small so you still may be able to join the group.

May 12, Thursday, 7 pm

Program: New Wildflower Hikes in Oregon. Author William L. Sullivan takes us on a slide show tour of some of the state's spectacular wildflower trails, in both newly preserved wilderness and endangered areas, which he researched for the new editions of his "100 Hikes" guidebooks. His brother, Steven Sullivan, will also be on hand to demonstrate his free online wildflowersearch.com program, which identifies what is blooming when in the USA. William Sullivan's books will be available for purchase. Location: Mt. Tabor Presbyterian Church, SE 54th and Belmont. This event will meet in the Copeland Commons at TaborSpace. Contact: Mary at alphiesmith@comcast.net or 503-288-4340.

May 19, Thursday, 9 am

Field Trip: Cape Horn Trail. Hike from Salmon Falls Road Park & Ride to Nancy Russell Overlook and back. This is a moderate hike of 5 miles round trip with a 700 ft. gain. We will view mid-spring wildflowers. The hike is mostly forest with fantastic views of the Columbia River Gorge at and near the top. Location: meet at Gateway Park & Ride in Portland at 8 am to carpool or at the trailhead at 9 am. Contact Ron Klump at ronklump55@comcast.net for more information or to sign up for the hike.

June 9, Thursday, 7 pm

Program: From Stumptown to Tree Town: Interpreting Portland's History through Heritage Trees. Portland's heritage trees are rooted in history. Individuals, events, and laws as well as human and natural processes have shaped the city's urban canopy for millennia. David-Paul Hedberg, environmental historian, explores how humans and nature have interacted in the city and how we can connect with the past through heritage trees — the living artifacts of our

continued on page 6

Chapter Events, *cont'd*

past. Location: Taborspace, Mt. Tabor Presbyterian Church, SE 54th and Belmont. Contact: Mary at alphiesmith@comcast.net or 503-288-4340.

June 11, Saturday, 9 am

Field Trip: Larch Mt. Hike. This is a moderate to strenuous hike, an approximately 6.4 mile loop with an elevation gain of 1300 ft. through mostly forest and some riparian. We will also view wildflowers that have emerged from recent snowmelt within the last several weeks. Contact Ron Klump at ronklump55@comcast.net for more information or to sign up for the hike.

June 19, Sunday, 8 am

Field Trip: Trapper Creek. This 5,969-acre wilderness protects most of the Trapper Creek drainage and provides critical anadromous fish habitat in the Wind River watershed. We will take the Sisters Rocks trail from Road 5800 to the top of Observation Peak, passing through a silver fir nature preserve. If we make the entire trip, it is 5.6 miles round trip with a 1390 ft. gain. Expect to see old growth forest plants as well as bear grass, penstemons, paintbrush, gentian, and *Campanula* on the higher rocky outcrops. Leaders: Nancy Chapman and Willow Elliot. To sign up for the hike and get information on carpooling, contact chapmannj@comcast.net.

Siskiyou

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

May 5, Thursday, 4:30-7 pm

Walk: Wagner Creek Loop Plant Appreciation. Join Jeanine Moy, Adopt a Botanical Area coordinator, and Kristi Mergenthaler, Siskiyou Chapter NPSO

president, for a woody shrub and tree identification easy walk along the Wagner Creek Loop above Talent. We'll see some lovely non-woody flowering plants too. This shady older riparian forest can be cool so bring layers. Carpool leaves from Ray's Market in Talent at 4:30 pm. For more info contact Jeanine at 541-488-5789.

May 7, Saturday, 9-11 am

Field Trip: Plant Oregon Nursery. Steve Siewert from Plant Oregon will give a tour and discussion of this 40 acre nursery specializing in native and PNW adapted trees, shrubs, and plants. Plant Oregon has been involved in many riparian restoration projects along the Rogue and Applegate rivers as well as a variety of landscape remediation projects. Location: 8677 Wagner Creek Road, Talent. For more information contact Julie Spelletich, 541-951-1744 or jspelletich@gmail.com.

May 19, Thursday, 7 pm

Program: Species — They May or May Not Be What You Think. Stephen Meyers will discuss several species concepts and definitions, evaluating the strengths and weaknesses of each concept. Dr. Meyers has a Master's degree in genetics and a Ph.D. in botany from Oregon State University.

Refreshments at 6:45 pm, meeting and program at 7:00. Location: Southern Oregon University Science Building, Room 161. Free and open to the public. For information contact Dave at 541-535-5355.

June 2, Thursday, 4 pm

Field Trip: Wine & Wildflowers at Hobart Bluff. For flowers and fun, Jeanine and Kristi will lead an interpretive hike to the most scenic location on the Rogue Valley rim (via the Pacific Crest Trail from Soda Mt. Rd.). We'll examine dozens of wildflower species and some of the early butterflies that define the biodiversity of the Cascade Siskiyou National Monument. Location: meet at the Northwest Nature Shop, 154 Oak Street, Ashland, to carpool. For information, email jeanine@kswild.org or call 541-488-5789.

South Coast

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

June 11, Saturday, 9 am

Field Trip: Proposed Veva Stansell Botanical Area. Explore a unique botanical area on serpentine soils, 45 minutes east of Gold Beach. This area has been nominated by NPSO and Kalmiopsis Audubon Society as the Veva Stansell Botanical Area. We will be hiking to the top of Signal Buttes and the historic McKinley Mine. Total length is 4.1 miles with 828 ft. gain. Location: meet at the Gold Beach Visitors Center at 9 am to carpool. Bring plenty of water, lunch, snacks, and sturdy boots, poles recommended. Limited to 12 participants, please RSVP. Contact Alexis Brickner at sc_president@npsoregon.org or Al Collinet at dewbobal@charter.net.

Umpqua Valley

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

Willamette Valley

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

May 7, Saturday, 11 am-1 pm

Field Trip: Silver Falls State Park Wildflower Walks. As part of the Silver Falls State Park Mother's Day Birding and Wildflower Festival, John Savage of the Willamette Valley Chapter will lead two one-hour wildflower hikes along the rim near the South Falls. Location: meet at the South Falls Stone Circle at 11 am and noon for the start of the trips. Free and open to the public.

May 13, Friday, 6 pm

Field Trip: Bush Park Wildflower Walk. John Savage of the Willamette Valley Chapter will lead a walk to view dozens of wildflowers in Bush Park and

OTHER EVENTS

Deepwood Museum and Gardens. Location: meet at the bottom of the Soapbox Derby track in Bush Park. Free and open to the public. For more information, call 503-399-8615 after 7 pm.

May 21, Saturday, 9 am-12:30 pm

Class and Field Trip: Gardening for Pollinators. Gail Gredler, horticultural instructor at Chemeketa Community College, will talk about garden designs and practices that provide food and habitat for pollinators. Topics include planting flowers that bloom from early spring until late fall, incorporating larval host plants in your landscape, reducing pesticides, and creating nesting sites for native bees. A field trip to the botanical gardens at Willamette University will follow the class. Location: Straub Environmental Center, 1320 A Street NE, Salem 97301, next to Olinger Pool. Cost: \$10. To register, call Catherine Alexander at 503-391-4145 or visit info@straubenvironmentalcenter.org. Co-sponsored by Willamette Valley Chapter and Straub Environmental Center.

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.



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Gentiana sceptrum

Visit npsoregon.org/wildflowers.html for information on wildflower shows and native plant sales.

Oregon Wild

June 9, Thursday

Hike: Lookout Mountain Wildflowers. Experience the Ochocos in bloom! Hike through old growth ponderosa and fir forests, climbing through open meadows with sweeping views of the Cascade Mountains. Easy to moderate 5 miles round trip with 1100 ft. gain. Location: carpools depart from Bend. For more information and to sign up, visit oregonwild.org/events/lookout-mountain-wildflower-hike-bend or call 541-382-2616.

Carex Working Group

June 6-7, Monday-Tuesday (Portland)

June 27-28, Monday-Tuesday (Bend)

Workshops: Grass Identification. The first day will be spent in the lab, with the second day in the field. We will use the most recent *Carex* Working Group key to PNW grasses. The Portland workshop will emphasize NW Oregon species; the Bend workshop will emphasize central Oregon species. Participants

should have basic plant identification skills. Cost per workshop: \$285. Instructors: Drs. Barbara Wilson and Cindy Roché. For more information, visit carexworkinggroup.com and click on "Plant Identification Workshops."

Siskiyou Field Institute

June 17, Friday

Class: Coping with the New Taxonomy. Did the publication of *The Jepson Manual's* second edition shake your botanical world? This workshop will help you understand why plants are renamed or reassigned to different genera or families. It begins with a slide lecture, followed by study of a series of handouts that summarize the more recent name changes. In the afternoon, we're off to the field to search for plants whose taxonomic placement has changed. Instructor: Linda Vorobik, Ph.D. Location: Siskiyou Field Institute, Selma. Tuition: \$75. For more information or to register, visit thesfi.org or call 541-597-8530.

June 21-23, Tuesday-Thursday

Crash Course: Flowering Plant Families. This intensive plant identification class will enhance your plant systematics skills. We'll create a practical framework for learning by comparing traits of 50 plant families, learn how to key using *The Jepson Manual*, and study names of local trees, shrubs and flowering plants. Morning lab and slide lectures whet appetites for afternoons in the field. Some plant keying experience is strongly recommended. Scholarships available for qualified students. Instructor: Linda Vorobik, Ph.D. Location: Siskiyou Field Institute, Selma. Tuition: \$225. For more information or to register, visit thesfi.org or call 541-597-8530.

Native Plants, cont'd

context would be needed. Significance of "local," meaning of "naturally," movement of plants by indigenous peoples, etc. would need explanation. It should define "shared evolutionary history" and why that is significant. (perhaps the Fender's Blue Butterfly and its small group of host lupines would be a good example to use here). It would need to explain that although many (most?) introduced plants also have some ecological relationships, these tend to differ in scale and type to those that have developed over evolutionary time. Etc.

-Bruce Newhouse

A "native" plant (animal or fungus) has "the 5 'co's' of nativity", that is they are "co-evolved, co-adapted, co-dependent, contributing members of the local Community."

...When I refer to "co-evolved", I am



USDA-NRCS PLANTS DATABASE

Poa howellii from Hitchcock, A.S. (rev. A. Chase). 1950. Manual of the grasses of the United States.

not talking about the species being speciated in the location, but in the thousands to millions of years of living in a local area, with the other species and genetic populations of those species, that have been in that area for thousands to millions of years, the local populations of that species would have genetically adapted to the local populations of species around it.

I then came up with, what I call "functional nativity". While a successful new species will generally displace existing species, to varying degrees, they will only do so until the rest of the local community adapts to life with them. There could then come a point, at which removing that species will do more to upset the apple cart of the local community than leaving it in place will. For example, at least in an area where the local Taylor's Checkerspot butterflies have adapted to *Plantago lanceolata* [an introduced species] as their primary host plant, to remove this species from these areas would probably do more to harm the local species diversity...

-Stewart Wechsler

What does "native plant" mean to you? Recurring themes from the list-serve discussion include: consideration of genetic variability of one species across multiple ecoregions, the importance of defining "native" for the general public, the naturalization of introduced species and, of course, effects of European settlement in the Americas.

Native Plants, as Defined by Some Western Native Plant Societies

The native plant definitions below are displayed on the respective Society's website.

California Native Plant Society

Our native plants grew here prior to European contact. California's native plants evolved here over a very long period, and are the plants which the first Californians knew and depended on for their livelihood. These plants have co-evolved with animals, fungi and microbes, to form a complex network of relationships. They are the foundation of our native ecosystems, or



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Gentiana calycosa

natural communities.

Native Plant Society of New Mexico

Per Bob Sivinski, retired botanist for the New Mexico Forestry Division:

Five floristic regions with different climates and geologic histories contribute to the rich native flora of New Mexico... The resident plant species that evolved within, or naturally dispersed to these regions are "native" or "indigenous" species. Other plant species that have been introduced into these regions since Europeans began bringing plants to North America are "alien" or "exotic" species.

Utah Native Plant Society

Native plants are plants naturally found in nature. These natural plants have adapted to an amazing array of habitats and microclimates, achieving a balance with other living things and forming the foundation for all life.

Washington Native Plant Society

Washington native plants are those species that occur or historically occurred within the state boundaries before European contact based upon the best available scientific and historical documentation.

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

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Phone _____ E-Mail _____

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Please make checks for dues and contributions payable to:

NATIVE PLANT SOCIETY OF OREGON

Send completed form and full remittance to:

Native Plant Society of Oregon

P.O. Box 80714

Portland, OR 97280

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

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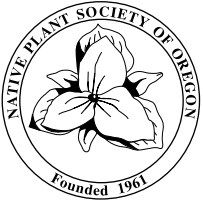
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