



Bulletin

of the

Native Plant Society of Oregon

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

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FEBRUARY 2012

Botanical Destinations: Cook & Green Pass Trail and Lake Mountain Lookout, Klamath National Forest, California

by Gail A. Baker, John Koenig, and Robert Weiss, Emerald Chapter

Botanical destinations such as Tire Mt. and Sawtooth Rock Meadow, in the western Cascades, were exceptionally showy last summer with multihued expanses of wildflower blooms, possibly as a consequence of the cooler and wetter spring in western Oregon in 2011. An outstanding wildflower display was also seen a little farther south. Six Emerald Chapter botanists visited our 51st State of Jefferson, no kidding! (<http://jeffersonstate.com/>). Rob Weiss organized a trip to the Siskiyou Crest-Klamath River region in Northern California for two days of wildflower hikes: One leaving from Cook and Green Pass (7/8/11) and one to Lake Mountain Lookout (7/9/11).

Driving up to Cook & Green Pass from Seiad Valley with California lilac in peak bloom and exuding a heady fragrance encouraged several roadside stops where we explored seeps and rocky cliffs. Leaving from Cook & Green Pass the trail winds through open areas of rocky out-crops, a mix of serpentine and schist soils and stands of Douglas-fir, Jeffrey pine, Shasta Fir, Knobcone pine, and the rare Brewer spruce. We were delighted to use our Jepson Manual and two very helpful plant lists for this area, prepared by Veva Stansell and Linda Vorobik, to identify the many plants.

continued on page 7

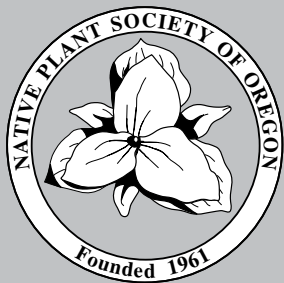
In This Issue

"A Thousand-Mile Summer: The Henderson-Kirtley 1895 Reconnaissance of Central Idaho"	2
NPSO Calendar	3
NPSO Needs Your Help	5
Other Events	5
Dan Luoma of the Corvallis Chapter will be the next NPSO Fellow	6
A Look Back at 2011: Cheahmill, Portland, and Siskiyou Chapters	6
Phenology Matters: Phenology Research at Lane Community College	6
Plan Now for Native Plant Appreciation Week	8
NPSO Contacts	9
Friends of OFP	10

It's Still Renewal Time!

The NPSO membership year is January to December. Many of you have already renewed, but if you haven't yet, please do so before the end of February, 2012 to ensure that you do not miss out on any of the Bulletins or on the 2012 issue of *Kalmiopsis*. Before you send in your renewal, it's a good idea to check the address label on this issue of the Bulletin. If it shows 2012 (or a later year) along the top, you are all set for the coming year and do not need to renew now. It's also a good time to consider a tax-deductible contribution to our special funds. The Leighton Ho Memorial Award is used for research projects in western Oregon. The Rare and Endangered Plant Fund supports work with our most threatened plants. The Augusta Rockefeller and Jean Davis Memorial Scholarships are awarded annually to a botany student at an Oregon college or university. You can also include a contribution to the Oregon Flora Project along with your dues. Your membership and donations make it possible to carry out more of the many projects that are needed to pursue the goals of NPSO.





Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregion.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
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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.

“A Thousand-Mile Summer: The Henderson-Kirtley 1895 Reconnaissance of Central Idaho”

by Rhoda Love, Emerald Chapter

Bulletin readers familiar with the lives of Oregon's three important early botanical explorers, William Conklin Cusick, Thomas Jefferson Howell, and Louis F. Henderson, may be interested to know about a writing and research project which occupied me recently: a study and account of the 1895 Henderson-Kirtley botanical reconnaissance of central Idaho.

A painstaking records search has revealed that no Idaho historian has discovered Henderson's extant 1895 expedition journal, which lay unread at the Smithsonian in Washington DC for over one hundred years until I was directed to it in 2001. And I would not have known of it myself had I not stopped to pay my respects to Rusty Russell, Curator of the Smithsonian Herbarium, on a visit to our Nation's Capitol. I have long been interested in Henderson's life and so asked Rusty if

I might see some of the collector's historic specimens which escaped burning in the Idaho fire of 1906 that destroyed his beloved herbarium.

Rusty then revealed to me that Henderson's 1895 journal and collecting notebook had survived the fire and were safe upstairs in the Smithsonian Library where they had lain undiscovered by Idaho historians for a hundred and six years. Based on my notes and photos from that Smithsonian visit, I have now published, in the history journal *Pacific Northwest Quarterly*, an account of the Henderson-Kirtley reconnaissance. You can find the journal in most college and University libraries and I will have some reprints to distribute to anyone interested in a 19th century botanical adventure and a modern re-creation of that historic trip. PNQ has made the 11-page article very attractive with photos and a full-page map of the Henderson-Kirtley route.



Polemonium pulcherrimum, also known as Jacob's-ladder, is a native perennial with blue-lavender bell-like flowers

PHOTOGRAPH BY DON JACOBSON; WWW.DONJACOBSONPHOTO.COM

NPSO CALENDAR

State Notes

July 13-15, 2012

2012 Native Plant Society of Oregon Annual Meeting. Save the date! The 2012 NPSO Annual Meeting will be hosted by the Siskiyou Chapter at the Siskiyou Field Institute's Deer Creek Center, Selma, Oregon.

Blue Mountain

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

At the moment, Blue Mountain chapter is still dormant. For additional information, contact Jerry Baker at 541-566-2244.

Cheahmill

For more information, visit the chapter Web site, www.oregon-nativeplants.com. To be added to the e-mail list for upcoming programs and events, please contact cheahmillchapternpsocomcast.net.

February 23, Thursday, 7 pm

Talk: Monitoring Floral Treasures in PNW National Parks. Years ago, Congress declared that National Parks are "national treasures." Over the past three years, the Park system has been taking inventory of our floral treasures. Mark Huff, Program Manager for Inventory Monitoring of PNW National Parks, and adjunct professor at Linfield College, will describe protocols for mapping old growth forests, sub-alpine communities, and prairies. He will provide visuals that show the trends and changes occurring in our national treasures. Refreshments provided. Location: McMinnville Library, Carnegie Rm., 225 N.W. Adams St. Information: Paul Studebaker, 503-472-1868.

February 26, March 25, Sundays, 10 am-12 pm

Work Parties: Native Plant Gardening. We will be weeding, mulching, laying pea gravel, and pruning the Native Plant Garden around McMinnville Public Library's Carnegie Building, where our meetings are held. We always

welcome help. Our chapter is now solely responsible for garden maintenance. Bring gloves and garden tools if you have them. Information: Susan Williams, 503-538-1865 or helgesusan@comcast.net.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Esther McEvoy at co_president@NPSOregon.org or 541-754-0893.

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. 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.

February 13, Monday, 7:30 pm

Meeting: Fruiting Patterns of Macrofungi: How fast? How long? How often do they fruit? Join Nancy Weber as she presents a study of fungi on a quarter-acre yard where distinctive patterns of fruiting by macrofungi on an annual and multi-year scale and of fruiting body development are becoming apparent. "Mycobiographies" of selected species will introduce some of these patterns. We will consider how such knowledge may be useful to mushroom hunters and researchers. Location: Avery House Nature Center, Avery Park, Corvallis. Information: Esther McEvoy, 541-754-0893

March 3, Saturday, 1-4 pm

Work Party: Avery House Native Plant Garden. Come join the fun of garden clean-up including weeding, pruning, raking and planting. Bring gloves, rake, shovel, and a snack to share. Location: Avery Park, Corvallis. Information: Esther McEvoy, 541-754-0893.

Emerald

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

February 13, Monday, 7:30 pm

Meeting: Flora of the Willowa Mountains in Northeastern Oregon. Join Dave Predeek as he discusses and shares pictures of unique plant species of the Willowa Mountains and the relationship with flora in other regions of the northern hemisphere. Location: EWEB Training Room, 500 E. 4th Ave., Eugene. Information: 541-345-5531.

March 19, Monday, 7:30 pm

Meeting: Plants of Southern Interior British Columbia. Join Daniel Mosquin, Research Manager at University of British Columbia Botanical Garden in Vancouver, BC, for a wide-ranging

photographic tour of the plants of this region. Despite being subjected to geologically-recent glaciation, the flora of the southern interior BC is among the most diverse in the province. Habitat diversity plays a large role in the expansive flora, ranging from the alpine and subalpine to sagebrush steppe, from interior coniferous forests to aspen grasslands. A few botanical mysteries will be highlighted, as well as a brief mention of a proposed national park for the area. Location: EWEB Training Room, 500 E. 4th Ave., Eugene. Information: 541-345-5531.

Klamath Basin

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

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at wusara96@yahoo.com.

February 2, Thursday, 10 am

Field Trip: Early wildflower search at Columbia Hills State Park led by Carolyn Wright. We've been notified that a first sighting of salt-and-pepper lomatium (*Lomatium piperi*) has already occurred at Horsethief Butte. Meet at the large pull-off area on the north side of Hwy 14 just west of its junction with Hwy 197.

February 9, Thursday, 7 pm

Meeting: Moths I Have Known. John Davis, retired biologist, active naturalist, and gifted photographer, will share his photos and knowledge of the moths of the Pacific Northwest. John is a retired biologist who worked for the US Fish and Wildlife Service at several hatcheries in Washington and Oregon. He has extensive sets of photos on (among others) butterflies, moths, insects, mushrooms, lichens & mosses. Those who have attended any of John's talks will advise you not to miss this opportunity. Location: Boardroom, Building 1, Columbia Gorge Community College, The Dalles.

Portland

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

February 9, Thursday, 7 pm

Talk: Fearless Latin: A Gardener's Introduction to Botanical Nomenclature. Join Sara Mauritz, an avid horticulturist and wildflower enthusiast, and learn not only how to pronounce the Latin names but also to discover all that they can teach us! Sara believes botanical nomenclature is one of the best tools a gardener or wildflower enthusiast possesses. There is so much to be learned from the botanical names for plants. First and foremost is that you know precisely what plant you have and can talk about it with anyone in the world. She also believes people shy away from latin names out of fear that they will mispronounce them or never remember them. Location: 600 NE Grand Street, Portland. Information: Angie Moore, mlm@teleport.com or 503-292-2093.

March 3, Saturday, 8:30 am

Field Trip: Catherine Creek. The premiere early flower spot in the Gorge, with *Olsynium douglasii* in profusion, *Fritillaria pudica*, *Lithophragma glabra*, several species of *Lomatium*, and many others. Leave at 8:30 am, corner of NE Pacific Street and NE 99th Avenue (near Gateway MAX station). Or meet at Catherine Creek at 10 am. 120 miles round-trip drive; easy walking 3 to 4 miles with 500 ft. elevation gain. Information: Jan and Dave Dobak, 503-248-9242.

March 8, Thursday, 7 pm

Program/meeting: We Smoke It All: The Use of Prescribed Fire on Native Prairies in the Willamette Valley. Join Jock Beall, the Supervisory Refuge Biologist for the USFWS, overseeing the fire management program on Willamette Valley federal refuges since 2000 for this exciting talk. The USFWS Willamette Valley National Wildlife Refuge Complex has taken on an expanded role in using prescribed fire to restore and maintain native prairie and oak

savannah habitat in the Valley. Fire is considered a critical tool to the survival and recovery of rare plants and the endangered Fender's blue butterfly. This presentation will cover all aspects of using prescribed fire from planning to implementation. Location: Metro building at 600 NE Grand Street, Portland. Check in with the attendant and meet upstairs. Follow the NPSO signs. Informal meeting starts at 7 pm. Formal meeting begins sharply at 7:15 pm. Information: Angie Moore, mlm@teleport.com or 503-292-2093.

March 11, Sunday, 8:30 am-4:30 pm

Field Trip: Deschutes River hike. The Deschutes River hike, on the eastern edge of the Columbia River Gorge National Scenic Area, offers beautiful vistas, early wildflowers, and a variety of birds. This hike is moderate loop with a distance of 4.5 miles and elevation gain of about 600 feet. There are a variety of early spring flowers here including *Lomatium piperi*, *Lomatium columbianum*, and *Astragalus purshii*. 200 miles round trip. Please RSVP prior to trip. Space is limited. Information: Melanie Bjorge, mbjorge2@gmail.com or Angie Moore, MLM@teleport.com or 503-292-2093.

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 Kristi Mergenthaler at coprolitemergie@yahoo.com.

February 16, Thursday, 7:30pm

Talk: So, How Much of the Landscape Did They Really Burn?: Extent and Impact of Native Use of Fire on Pacific Northwest Forests, Southwest Oregon as a Case Study. Did native-set fire contribute significantly to the make-up of pre-Euroamerican settlement vegetation in the Pacific Northwest? And if such fire was an important factor in the vegetative landscape, just how important was it? Historian Jeff Lalande's presentation will explore these questions and present his conclusions, with an emphasis on the variability of Native-set fires and their extent and impact across the three major forested zones of southwestern Oregon.

Umpqua Valley

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

Willamette Valley

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

William Cusick

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



NPSO Needs Your Help!

NPSO has a number of important positions that need to be filled. This is a chance to get more involved in NPSO. If you are interested in volunteering, contact NPSO President, Judi Sanders, at president@npsoregon.org.

Eastside Conservation Chair: Our Eastside Conservation chair, Duncan Thomas, has retired. We are grateful for Duncan's service but now need to replace him. The Eastside Conservation Chair coordinates regional conservation activities of the Society and keeps NPSO apprised of relevant regional conservation issues.

Rare and Endangered Plants Committee: This committee monitors rare and endangered plants and seeks to promote public education and policy changes regarding these plants. The committee needs both a chair and committee members.

Ethics Committee: Karen Sturgeon has agreed to chair the new Ethics Committee and needs committee members. The goal of the committee is to revise NPSO's Ethics Guidelines (<http://www.npsoregon.org/documents/ethics.pdf>).

OTHER EVENTS

Northwest Botanical Institute

March 26-28, Monday-Wednesday

Course: Beginning to Intermediate Moss Class. David Wagner will be offering an intensive three-day beginning-to-intermediate moss class on the University of Oregon campus. This workshop is designed to help folks with a general introduction to bryophytes to kick their level of competence up a notch or two. A good botany background and a general knowledge of the basics of moss structure and life cycles are encouraged. Focus will be on navigating the California Moss keys by Dan Norris and Jim Shevock, and the first volume of the Bryophyte Flora of North America. Most of our time will be spent in the teaching lab, with an afternoon excursion on the first day for field experience. Tuition is \$300. Send check or money order, made out to Northwest Botanical Institute, to Northwest Botanical Institute, P.O. Box 30064, Eugene, OR 97403-1064. Credit card transactions possible only through PayPal; submit to davidwagner@mac.com. 541-344-3327.

Siskiyou Field Institute

March 24- 25, Saturday-Sunday

Course: Introduction to Bryophytes with Scot Loring. Bryophytes (mosses, liverworts, and hornworts) are tiny but important components of Pacific Northwest ecosystems. The Klamath-Siskiyou bioregion supports an amazing diversity of these fascinating non-vascular plants. In this class, students will learn about the basic biology and ecology of bryophytes, and will also learn to identify common species in the field. Class time will be divided between lectures, lab, and field trips. Tuition for this class is \$100, and advance registration is required. Lodging is available onsite. Information: 541-597-8530 or www.thesfi.org.

March 28-29, Wednesday-Thursday

Course: Survey and Manage: Bryophytes and Lichens with Scot Loring. The Northwest Forest Plan includes protocols requiring agencies to survey for certain rare and sensitive species on federally managed lands. This course, which is geared toward agency employees and contractors, focuses on

bryophyte and lichen species targeted as "Survey and Manage" species. Participants will learn about their ranges of these plants; their habitats and distinguishing characteristics; and common look-alike species. Course time will include lectures alternating with lab time to examine specimens. Tuition for this Intermediate/Advanced level class is \$150. Onsite lodging is available and advance registration is required. Information: 541-597-8530 or www.thesfi.org.

March 31, Saturday

Course: Edible Plants with Daniel Newberry and Bruce Kiser. Edible wild plants fascinate everyone, from the adventurer interested in learning wilderness survival strategies to the cook who wants to learn to prepare a meal from something new and different. In this class, you'll learn how to identify common local plants, learn responsible wildcrafting procedures – most important of all – how to avoid poisonous plants. The class will finish with a feast that includes the fruits of our harvest in the field. Tuition for this class is \$50, and advance registration is required. Information: 541-597-8530 or www.thesfi.org.

Dan Luoma of the Corvallis Chapter will be the next NPSO Fellow

by the NPSO Fellows Committee

NPSO's highest award is that of Fellow of the Native Plant Society of Oregon. Since NPSO first established the award in 1998, 22 members of our society have received this honor with a ceremony and a special plaque presented at an Annual Meeting. The following members have been honored since 1998: Keith Chamberlain, Ruth Hansen, John Robotham, Wilbur Bluhm, Kenton Chambers, Karl Urban, Frank Lang, Rhoda Love, Veva Stansell, Charlene Simpson, Jerry Igo, Charlene Holzwarth, Russ Jolley, Barbara Robinson, Joan Fosback, Mildred Thiele, Lois Hopkins, Mary Carlson, Frank Callahan, Stu Garrett, and Jan and Dave Dobak.

We are pleased to announce that our next honoree will be Dan Luoma. Dan joined NPSO before 1983. Since

then he has served as State President, Vice President, Director at Large, Chair of the Nominating Committee, the Field Research Grants Committee, and the Budget Committee, as well as numerous offices in the Corvallis Chapter. Dan has been NPSO's "go-to" person for details and information to keep the Society on track. Dan also made possible the purchase of NPSO's first computer – which was used to bring the *Bulletin* into the digital era from the days of typewriters.

Look for a more detailed article about Dan in the upcoming issue of *Kalmiopsis*. We hope NPSO members will attend the Annual Meeting in the Siskiyou Mountains July 13-15, 2012 to congratulate Dan as he receives his well deserved NPSO Fellows Award.



PHOTO BY JOYCE EBERHART

Dan Luoma with *Phaeolepiota aurea*, awarded Best of Show at a recent Mt. Pisgah Mushroom Festival

A Look Back at 2011: Cheahmill, Portland, and Siskiyou Chapters

The Cheahmill Chapter welcomed new officers which began their terms in September. Lisa Blackburn is the new Chapter President. We had a full line-up of presentations for our monthly meetings and attendance ranging from 25 to 50 people each month. The Chapter hosted their annual Wildflower Show in May and the October State Board meeting. The Chapter has been primarily responsible for maintaining the native plant garden around the McMinnville Library; in 2010 the Chapter took over full responsibility including adding funding for garden maintenance to the Chapter budget. The Chapter awarded grants to the Oregon Flora Project and the Berry Seed Bank.

The most noteworthy event for the Portland chapter in 2011 was the hosting of the annual meeting at Strawberry Mountain. From that meeting, the Portland chapter received unanimously positive feedback on the

organization, location, and, of course, the plants. Many thanks to all the hard workers who organized it and made the event a success. The chapter organized a keying class and numerous hikes from the coast to Silver Star Mountain, the gorge, and to Mt. Hood. Our good friend Russ Jolley died and his loss is felt dearly.

The Siskiyou Chapter organized 11 hikes in 2011 throughout SW Oregon and Northern California. Hike destinations included the rarely visited Woodcock Bog Resource Natural Area with its hanging *Darlingtonia* fens and plethora of lily species, Rough and Ready botanical area in the Illinois Valley, China Hill in Yreka to see the endangered Yreka phlox, and Kangaroo Mountain Botanical Area in the Eddy Mountains. The chapter hosted 9 programs/meetings and attendance for these events continues to increase. They put on two wildflower shows: a small spring show and a much grander

July 4th show. They also developed a hand-out on native plant resources in SW Oregon and updated the Chapter's bylaws. The Chapter contributed local knowledge of important sites for native plant conservation in the Rogue Valley for a GIS mapping effort conducted by the Rogue Valley Council of Government and supported other conservation endeavors. A small group also began planning for the 2012 NPSO Annual Meeting in Selma, OR at Deer Creek Center. They are pleased to invite you to attend: July 13-15. Come discover why the Klamath-Siskiyou Bioregion has the second highest plant biodiversity in North America.



Phenology Matters: Phenology Research at Lane Community College

by Gail A. Baker, Science Division, Lane Community College

“Now it behoves anyone who desires to be a skillful herbalist to be present when the plants first shoot out of the earth, when they are full grown, and when they begin to fade.”

Pedanos Dioskurides (Dioscorides), *De Materia Medica*

Students in the spring botany classes at Lane Community College (LCC) develop their botany skills by following Dioscorides' advice, which we now call phenology monitoring. The timing of growth and senescence of 16 different native Oregon species has been studied since 2008. Photos of the landscape and some of the plants can be viewed in the 2009 NPSO *Bulletin* article.

Following the remodeling of the Science and Math building on the LCC campus in 2000, the landscape surrounding the building was redone and a native landscape was installed to reduce resource use (water, fertilizers and machinery used for mowing), increase habitat for native birds and insects and provide an nearby outdoor area for student study and research projects. The establishment phase of the native plants was reached in 2007 and plants were no longer dependent on summer watering for survival. The Phenology Research Project was initiated in 2008 as the citizen science movement was emerging and the general public was becoming increasingly aware of importance of phenology databases. In addition to

recording growth and senescence events in an organism's life cycle, it is important to study physical and biological cues that might influence the timing of the events. Recording and studying climate cues associated with phenological patterns are critical. At LCC, a weather data recorder located on the roof of the remodeled building provides site specific daily temperatures, rainfall, and other climate parameters.

In 2012, we will begin accumulating our 5th year of phenology data. More detailed results of the monitoring will be published in future issues of the NPSO *Bulletin*. However some of the interesting patterns and trends we have seen tell us the earliest and latest blooming times of species, when the greatest flower and fruit diversity is present on the landscape, and that some species might be more influenced by temperature and rainfall while others are day length dependent. We can count on shrubs for a continuous succession of delightful flowers from January through June. Oregon grape begins flowering in January and overlaps with red flowering current in March along

with sightings of the Rufus hummingbirds. At the end of the spring term in mid-June, we see a burst of the white flowers of mock orange and oceanspray. The annual timing of these events has less variation than some of the herbaceous perennials. Showy milkweed and cow parsnip are much more variable in the timing of their vegetative, flowering and fruiting from year to year. The greatest overlap of flowering species in the landscape has been the last two weeks of May. This is a fine time to visit the campus, enjoy the many colored blooms, and watch the diversity of pollinators and the increase in foraging by native birds for fruits and seeds.

Acknowledgments: Thank you to all students in the Bot 213 classes from 2000 through the present that helped plant and care for the native plants in the landscape. This class monitoring project has become independent research for the following students: C.Coulter, K.Dart, S.Westgate, J.Stewart, M.Groberg, E.Mogart, J.Cupples, R.Hladky, W.Matthews and many more.

NPSO Items for Sale

Booklets on Gardening with Native Plants. Emerald Chapter's three booklets about native plants of the southern Willamette Valley are "Native Herbaceous Plants in Our Gardens," "Native Shrubs in Our Gardens," and "Native Trees in Our Gardens." \$9.35/set of three, mail order. Individual booklets sold from the NGAP booth at Down-To-Earth, or by check made out to "Emerald Chapter NPSO" with "NGAP Gardening Guides" in the memo line to P.O. Box 902, Eugene OR 97440-0902. Also see online in PDF format at www.emeraldnpso.org Click on "Gardening with Native Plants."

Field Guide to Shrubs of Southwest Oregon. An 80-page, pocket-sized field guide identifies 56 of the most frequently-encountered shrubs in SW Oregon, and describes each species in detail with words and photos, including habitat, leaves, twigs, fruit, and flowers. Dichotomous keys, illustrations of common plant parts and glossary included. Janet Walker, NPSO Siskiyou chapter member, and Max Bennet, Forestry Agent with Jackson/Josephine Counties. \$7/copy; checks payable to "OSU Extension Service." Mail to Shrub Guide, Jackson County Extension, 569 Hanley Rd., Central Point, OR 97502.

Poseidon's Necklace. Don Begnoche, Siskiyou chapter, has issued an Oregon field guide covering the coastal section, mile by mile, from Astoria to Brookings. Genesis of the coastal landscape and flora found on dunes, headlands and montane slopes; over 500 landscape and floral photographs as well as geologic maps and illustrations. PDF format on a CD. \$19.95 + \$2.50 s/h. Mail checks to Don Begnoche, 439 Herbert St., Ashland, OR 97520

Along the trail the whites, purples, reds, blues, and yellows were eye catching from the diminutive Cat's ear to the tall stalks of blooming Klamath rushlily. A highlight was seeing the salmon-pink striped flowers of cliff maids in its natural habitat and in profusion and its less frequent relative purple-flowered quill-leaved Lewisia. The beautiful flowers of both these species are subtended by 2 sepals with



PHOTO BY CLAYTON GAUTIER

Lewisia cotyledon blooms in profusion on rocky slopes of areas in the Klamath National Forest, CA. July 8-9, 2011

stunning margins fringed by gland tipped trichomes. Mixed in with the Lewisias were red paintbrushes, yellow triteleia, purple alliums, and dwarf monkeyflower.

Returning to the trail head at the end of the day we met two members of the California Native Plant Society who took us to a seep in the area to see California lady's slipper in full bloom surrounded by primrose monkeyflower emerging from a carpet of moss.

Foxtail pine was a highlight at Lake Mountain Lookout surrounded by a stunning wildflower display including snow melt species glacier lily and pasqueflower. At the end of this day those remaining snow banks allowed us to enjoy cold watermelon that we had cached earlier in the day. Our camp site at Grider Creek Campground was also botanically special, purple-flowered Shasta Lily was in bloom and chain fern was found along the road into the campground.



Plan Now for Native Plant Appreciation Week

Though the weather outside is frightful, the arrival of spring will be so delightful. While dreaming of spring, it's never too early to start planning for this year's Native Plant Appreciation Week taking place April 29 to May 5, 2012.

This is the largest coordinated public outreach event for the Native Plant Society of Oregon and an excellent opportunity for society chapters throughout the state to sponsor workshops, hikes, plant sales, more while helping to increase their chapter's visibility.

We all get much busier as the weather improves so now is the time to plan. Be sure to post your activities in the NPSO *Bulletin* and to let the NPAW Committee know about them as well. Email any information to Judi Sanders at judi.sanders@gmail.com.



NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name _____
 Address _____
 City _____ State _____ Zip+4 _____
 Phone _____ E-Mail _____
 Chapter (if known) _____

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

Address _____
 City _____ State _____ Zip+4 _____

Please make checks for dues and contributions payable to:
NATIVE PLANT SOCIETY OF OREGON

Send completed form and full remittance to:
Clayton Gautier, NPSO Membership Chair
 3927 Shasta View St.
 Eugene, OR 97405-4442

DUES include monthly *Bulletin* and *Kalmiopsis* when published.
Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

- New Renewal
 Student – \$12 Regular – \$25 Family – \$35
 Sustaining – \$60 Patron – \$125 Life Membership – \$500
 Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *Only for those who wish to subscribe, but do not want to have full membership status.*

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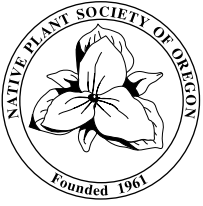
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