



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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NOVEMBER 2010

Douglasia laevigata Found in Southern Lane County

by Tanya Harvey

A version of this article was originally posted on the author's website. For more reports on plant hunting in the Western Cascades, as well as plant lists and site information, visit it at www.westerncascades.com.

I hadn't expected any excitement when Sabine Dutoit and I headed up to Groundhog Mountain yesterday (October 1). Earlier in the week, I had hurt my foot (no, not while bushwhacking over logs or climbing up a talus slope—I stepped wrong on my carpeted stairs!). I had planned to go to Olallie Mountain, but I was too unsure

of my foot to risk hiking seven miles. At Groundhog, I could enjoy a relaxing day of roadside botanizing, and if my foot gave out again, I wouldn't be too far from the car. I had no real agenda other than enjoying the sunshine and spending a few more days in the mountains before winter.

We headed straight for Waterdog Lake. Today is the first day of gun hunting season, and there were already several hunters camping by the lake. They turned out to be very friendly and came over to see what we were doing on our hands and knees on the ground. I thought this might pique their curiosity. We were looking for the remnants

of the tiny *Botrychium simplex* that Molly Juillerat and I had found back in August. There were only a few withering yellow leaves left. In contrast, the much larger *Botrychium multifidum*, a few hundred feet to the north, were sprouting and had large, handsome green leaves. Dozens of little Boreal toads were hopping around throughout the area, still dispersing from the massive congregation in the lake in August.

We continued on down Road 451 to do some further exploration where the road wraps around the west side of the mountain. First we took a short walk along the rocky part of the south-facing side where a long strip of

continued on page 8

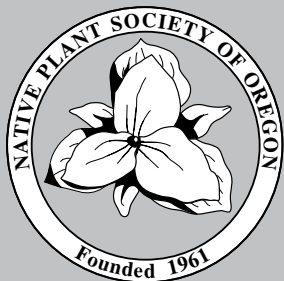


PHOTO BY TANYA HARVEY

The flowers of *Douglasia laevigata* grow in small clusters above a set of bracts still evident well after the seeds are gone. Under the microscope, little branched hairs can be seen on the flower stalk.

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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 nps0

General Business Address

P.O. Box 902
Eugene, OR 97440
or correspond directly with Officers and Committee Chairs listed on the inside of the back page.

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

Mary Paetzel's Book about Solitary Wasps and Bees Published Posthumously

In early May Lee Webb told Paul Fattig, of the Medford OR Mail Tribune:

"At long last, Mary's book, *Solitary Wasps and Bees: Their Hidden World in the Siskiyou Mountains* has been published. Janet Levinson worked with Mary for over a year to get the manuscript in shape, and we have gone through several edits since, over the last several years. We published Mary's Wasp/Bee book through Lulu.com, an on-demand printing operation accessed through the Internet."

The link to Paul's article is:
<http://www.mailtribune.com/apps/pbcs.dll/article?AID=-20100502/NEWS/5020334>.

Dr. Neal Evenhuis, an entomologist at the Bishop Natural History Museum in Honolulu, HI, received a copy of Mary's book from his sister Kitty, who lives in Grants Pass. Neal wrote to his sister:

"What a great surprise! That is a GREAT book! I have told so many people that if I had all the time and money, I'd just lie on my belly and watch biology and write about it. Mary DID IT! I am so jealous. What a truly marvelous book to read and I

Solitary Wasps and Bees

Their Hidden World in the Siskiyou Mountains



Mary Paetzel

love the drawings and paintings. The book would not be half as good without them."

This book is a fascinating collection of Mary's anecdotes of the wild, her meticulous field notes, wonderful drawings, and observations of the tiny creatures we so often overlook. The book is in full color. If you would like your own copy, give Lee a call at 541-479-6859, or contact him by email at lowebb@charter.net, and he will arrange to ship you one.

Membership Renewal Time is Almost Here!

Just a quick reminder that the next issue of the *Bulletin* (December/January) will contain a preprinted remittance envelope that we include to make sending in your 2011 dues payment easy and convenient. But you don't have to wait. If you want to renew early, you can use the form on the inside back page of this issue of the *Bulletin*. Enclose the form and your check in a regular envelope and send it to:

Clayton Gautier, NPSO Membership Chair
3927 Shasta View St.
Eugene OR 97405-4442

Before you renew, please take a quick look at the address label on your *Bulletin*. If 2011 or a later year appears along top edge of the label (or if it's blank), you do NOT need to renew - your membership is good through the end of next year.

Don't forget that year-end is a good time to consider making a tax-deductible contribution to one of 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 botany students at an Oregon college or university. You may also include a contribution to the Oregon Flora Project along with your dues.

State Notes

June 24-26, 2011

Annual NPSO Meeting: The Portland Chapter will be hosting the 2011 annual meeting of the Native Plant Society of Oregon in Logan Valley, located on the south side of the Strawberry Mountains. This area has an extremely diverse ecological makeup, including five of the seven major life zones in North America. Nearly every type of alpine wildflower found west of the Rockies can be observed here. The rich flora is complemented by diverse wildlife and geological history. Join us in Logan Valley this June, and you too will agree that this is a special place worthy of holding the annual meeting, and celebrating the 50th Anniversary of NPSO. More information is available at <http://2011.npsoregon.org/>.

Blue Mountain

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

Cheahmill

For more information, visit the chapter website, www.oregon-nativeplants.com. To be added to the e-mail list for upcoming programs and events, please contact Jennie Sue Dunn-Dixon at jsdd51@verizon.net.

December 2, Thursday, 7-8:45 pm

Note the date, Dec. 2: This is November's program. The program is delayed to one week after the usual program date, which lands on Thanksgiving.

Program: Ethnobotany: Tribal Plant Uses in Western Oregon. Eirik Thorsgard of the Grant Ronde Tribes will make a presentation on how the tribes and bands from Grand Ronde used plants. Eirik, currently studying for a doctoral degree at Flinders University in Adelaide, Australia, is the cultural protection coordinator and tribal historic preservation officer of the Confederated Tribes of the Grand Ronde Community of Oregon. Members who

have seen his presentation said it was excellent. Location: Carnegie Room, McMinnville Public Library, 225 N.W. Adams St. (Highway 99W). Parking lot entrances on Adams and Second streets. Information: 503-835-1042, marna@onlinemac.com.

January 27, Thursday, 7-8:45 pm

Program: 'Re-inventing' in the Past. Paleontologist, author and retired professor Dr. William Orr will give a power point presentation comparing modern-day inventions to plants' and animals' astonishing ability to engineer devices for everything from predation to protection. Most innovations that we imagine characterize our culture

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.

— like snap fasteners, zippers, carbide studded tools, chain saws and serrated blades — were developed by plants and animals. Fossil records demonstrate that the best ideas have been re-invented several times in the 4.5 billion year history of the earth. Dr. Orr is director of the state museum of fossils and teaches geology at Chemeketa Community College. The chapter brings back one of its most popular speakers. Location: Carnegie Room, McMinnville Public Library, 225 N.W. Adams St. (Highway 99W). Parking lot entrances on Adams and Second streets. Information: 503-835-1042, marna@onlinemac.com.

February 24, Thursday, 7-8:45 pm

Program: Update on Sudden Oak Death. Dr. Nancy K. Osterbauer, a Plant Health Program Manager for the Oregon Department of Agriculture, will give a presentation to update us on Sudden Oak Death, which affects our local Oregon white oak, *Quercus garryana*. The disease, *Phytophthora ramorum*, has spread and killed hundreds of otherwise healthy oaks in Oregon. Location: Carnegie Room, McMinnville Public Library, 225 N.W. Adams St. (Highway 99W). Parking lot entrances on Adams and Second streets. Information: 503-835-1042, marna@onlinemac.com.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Laurel Moulton at lamoulto@yahoo.com.

November 7th, Sunday, 1-4 pm

Work Party: Avery Garden work party and propagation workshop. Join Esther McEvoy. Bring sharp shears and raingear. We will provide potting mix and rooting hormone. Information: Contact Esther if you plan to attend at 541-754-0893.

November 8th, Monday, 7:30 pm

Meeting: Mysteries of the Monotropeae Revisited. About 25 years ago,

Dan Luoma first made a presentation to our Chapter about this fascinating group of achlorophyllous wildflowers that are members of the heath family. Much about the biology and ecology of the Monotropoideae has been de-mystified in the interim and Dan will update us on the current state of knowledge. He will also present results from his 29 years of monitoring the northern-most known population of the snow plant (*Sarcodes sanguinea*). Location: Avery House Nature Center. Information: Contact Laurel Moulton at lamoulto@yahoo.com.

Emerald

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

November 15, Monday, 7:30 pm

Meeting: A Botanist in Southern

Iowa. Ed Alverson of the Nature Conservancy presents "A Botanist in Southern Iowa." Iowa is the only state that lies entirely within the tallgrass prairie region, where prairies and oak savannas once covered hundreds of thousands of square miles and numerous bison and elk once grazed. Today, only a small fraction of the original natural landscape remains. Ed's ancestors were early pioneers in southern Iowa and were responsible for plowing a part of the virgin prairie. Ed will describe his recent visit, which was made to study both the history and botany of this region. He will also share pictures of some of the remaining examples of the now rare native ecosystems in southern Iowa. Location: EWEB Training Room at 500 East 4th Avenue, Eugene. For more information call 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 at 541-884-5703 or smalaby@cs.com.

Mid-Columbia

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

November 11, Thursday, 7 pm

Meeting: Using a Computer to Identify Native Plants. Bruce Barnes, the owner and developer of Flora ID Northwest, LLC of Pendleton, Oregon, will demonstrate his plant identification software, which includes all Oregon plants (including those on both sides of the Columbia Gorge). Location: 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.

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.

November 11, Thursday, 7 pm

Meeting: The Four Deserts of California. Brent Miller will walk through the climate patterns that define our continents, explaining why there are 5 Mediterranean regions on the planet and why each of them has a desert behind it. In California the desert region is split into 3 distinct biogeographic regions: the Great Basin desert, the Mojave Desert and the Sonora Desert. But there's a little known fourth desert in California that is not associated with any of those. Come find out what it is, and get a tour of its plant life with lots of photos. Location: Mount Tabor Presbyterian Church, Southeast Belmont at 54th Avenue, November 11th at 7:00pm. Church lot parking OK. Information: Contact Billy Don at 503-515-1708.

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 Mergenthlter at coprolite-mergie@yahoo.com.

November 18, Thursday, 7:30 pm

Program: A Unique Life: Mary Paetzel. In an illustrated talk, Lee Webb will present Mary Paetzel's life story, from her early days in Colorado, to WWII as an airplane mechanic, to her arrival in the Rogue Valley in the late 1940s - she collected pollen for 30 years, and became ardently involved with management of "her" public lands. Her odyssey in the Siskiyou's included studies of the region's flowering plants and butterflies, and intimate encounters with solitary wasps and bees. Lee will bring along Mary's notebooks of original art and copies of her books on butterflies, plants, solitary wasps and bees. Refreshments at 7:15 pm, meeting and program at 7:30. Location: Southern Oregon University, Science Bldg., RM 171. Information: Kristi at 541-941-3744.

Umpqua Valley

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

November 11, Thursday, 6 pm

Meeting: 6 pm Business Meeting, 7 pm, Social Hour. We have no formal program planned for this month. We hope members and friends will join us in the auditorium at the Douglas County Museum. Bring photos, slides or a disk to share, help us with fresh ideas for future events, things you would like to see on the website, favorite field trips you have taken or would like to take. We would really like to have everyone participate and help keep this chapter moving forward. Location: Douglas County Museum. Information: Contact Donna Rawson at 541-459-2821 in the evenings.

November, date to be announced

Work Party: Volunteers needed for restoration work party. Chapter members will be joining other volunteers along with Phoenix Charter High School AmeriCorps students in planting native plant species along the South Umpqua River and Deer Creek sometime in November. Students have been working hard removing trash and invasive species in several areas along the River. Now it is time to give the native plants a chance to reestablish. Information: Call Donna Rawson at 541-459-2821 in the evenings.

Volunteers needed

We are currently in need of a few volunteers for tasks listed below. If you are interested, call Donna Rawson at 541-459-2821 in the evenings.

- Someone who could keep the website updated with upcoming events and added features.
- If you have a little free time and access to a good quality film scanner,

we have high quality photo slides that need to be sorted and scanned to disk.

- Field trip leaders
- Plant sitter – keeping potted plants healthy through summer and winter until our spring sale in May.
- Amateur botany class teachers or helpers.
- Teachers and educators to advise and help implement NPSO outreach and awareness programs to schools and the general public.

Willamette Valley

For program information, contact John Savage at 503-399-8615.

November 11-12, Thursday-Friday, 6:30-8:30 pm

Program: Nature Photography.

Award-winning professional photographer Joel Zak will teach students how

to create photographic images that “capture, command, and compel” during this two-part class. The class will illustrate the “art of seeing” and cover composition, lighting, and timing, among other elements. It is intended for all those interested in advancing their photography. Location: Straub Environmental Learning Center, 1320 A St. NE, next to Olinger Pool, near North Salem High. Information: Co-sponsored by the Friends of Straub Environmental Learning Center and Willamette Valley chapter of the Native Plant Society of Oregon, the program costs \$5 and is open to the public. Registration is required. To register, call 503-391-4145.

William Cusick

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

OTHER EVENTS

Ashland Parks and Recreation Dept.

November 6, Saturday, 14 pm

Work Party: Bear Creek Work Party.

Help make Bear Creek healthier by coming to a restoration work party at Bear Creek Park in Medford. Join other volunteers in planting, weeding, and mulching to benefit fish, wildlife, and park and water users. Proceeds from the Bear Creek Festival silent auction will be used to purchase native plants for the project site. Tools, snacks and guidance will be provided. Location: N MT Park Nature Center, 620 N Mountain Ave, Ashland. Information: Call North Mountain Park Nature Center at 488-6606 or visit www.NorthMountainPark.org. Pre-registration is not required and all ages welcome.

Eugene Natural History Society

November 19, Friday, 7:30 pm

Presentation: Strange Days on Planet

Earth. Where did all the aspens go, not to mention streamside vegetation and beavers and songbirds? National Geographic’s “Strange Days on Planet Earth” features the research of Bill Ripple, OSU professor of forest science, who, along with other scientists, ascribes the losses in Yellowstone National Park to the elimination of wolves. This “top dog” predator keeps elk on the run and vital plant and animal diversity intact. Come hear a fascinating, illustrated talk by Bill Ripple, at the October meeting of the Eugene Natural History Society. Public is invited free of charge. Location: Room 100, Willamette Hall, UO campus.

December 10, Friday, 7:30 pm

Talk: Bird Ecology in Panama. The tropics will be a little closer when songbird enthusiast, Doug Robinson gives a talk on “Bird Ecology in Panama” at the December meeting of the Eugene Natural History Society. Doug is an Assistant Professor at OSU with special interests in both tropical and arid land

ecology - especially when it includes birds. The community is invited free of charge. Location: Room 100, Willamette Hall, UO campus.

The Hardy Plant Society of Oregon

November 7, Sunday, 3 pm

Program: The Gen(i)us *Arctostaphylos*.

Genus genius Paul Bonine is a co-owner of the wholesale nursery Xera Plants Inc., and has worked in the nursery industry in Oregon for almost 20 years. He is author of the recently-published Timber Press book, *Black Plants, 75 Striking Choices for the Garden*, and has written for several national gardening publications. Location: Multnomah Arts Center, 7688 SW Capitol Hwy Portland OR 97219. Information: \$5 per ticket. Register online at www.hardyplantsociety.org. Tickets also available at the door. Only checks and cash accepted for payment at the door. If you wish to pay by credit card, you must pre-register. Doors open at 2:30 pm.

Program begins at 3 pm.

November 14, Sunday, 10 am-12:30 pm

Garden School Program: Creating an Autumnal Wreath: Gleanings from the Forest Floor. Cushiony moss, lichen-encrusted twigs, bright berries, apples, and pears reflect the abundance of the Pacific Northwest landscape and provide the raw material for eye-catching textural wreaths. Françoise Weeks returns to host another nature-inspired wreath-making workshop. Participants will create the classic welcome for their doors or beautiful seasonal centerpieces. The fee for this workshop is \$35. Participants should bring pruners or floral scissors, plus interesting plant materials from their gardens (twigs, cones, berries, evergreen branches, moss, lichens). A variety of plant materials will also be provided by the instructor. Location: Garden Fever Nursery. Information: \$35. Register online at www.hardyplantsociety.org. Registration limited to 15.

Mount Pisgah Arboretum

November 6, Saturday, 9-4 pm

Workshop: Back to Basics-Enhancing your Nature Sketchbook. Join us for this workshop with natural science illustrators Kris Kirkeby and Katura Reynolds. This workshop will include a morning of learning basic drawing techniques and an afternoon of field sketching, allowing you to quickly put these lessons into practice. Both instructors will be available for the full day. Registration required. Rain or shine. Location: Mount Pisgah Arboretum Visitors Center. Information: Fee: \$30 (MPA members/\$25). Call 541-747-1504 or 541-747-3817 to sign up or for more information.

November 6, Saturday, 10 am-Noon

Program: Fall Fruits and Foliage. Join botanist Rhoda Love to enjoy the fall colors and learn about the adaptive strategies of plants for dealing with the coming of winter, as well as the great variety of fruits and seeds and their

diverse dispersal mechanisms. Rain or shine. Location: Mount Pisgah Arboretum Visitors Center. Fee: \$5 (MPA members/donation). Information: Call 541-747-1504.

November 13-14, Saturday-Sunday, 10 am-4 pm each day

Program: Mushrooming on the Mountain. This two-day class for beginning 'shroomers offers instruction on identification, ecology, picking, cooking with mushrooms, fungal folklore, and more! This class is geared toward people who want to learn about the wonderful, bizarre and interesting kingdom of Fungi - rather than those who only want to find edibles. Marcia Peeters, "Mushroom Queen" and co-founder of Cascade Mycological Society, will lead this two-day workshop with interactive demonstrations, discussions, and field identification characteristics. Marcia has been studying mushrooms since 1975, and mentored under Freeman Rowe, the "Mushroom King." She taught the biology and ecology of fungi at Lane Community College for 11 years. Both days will include class and field time on Mount Pisgah. Rain or shine. Location: Meet at the EPUD building. Information: Registration fee is \$75.00 (MPA members/\$70). Call 541-747-1504 to sign up or for more information.

November 20, Saturday, 10 am-3 pm

Activity: Play in the Rain. Free Family Event. Looking for something fun to do with your family on a rainy, or perhaps even sunny Saturday in November? Come on out to Mount Pisgah Arboretum for our community's 3rd annual Play in the Rain Day. Discover how fun, easy, and rewarding it is to spend time outdoors in nature in ALL kinds of weather. Activities will include hikes, horses, tree-climbing, nature crafts, scavenger hunts, seed planting, campfire cookery, and more! Don't miss this fun event-last year over 1,000 people attended. Sponsored by the Youth in Nature Partnership, a collaborative of local organizations that work closely with youth in the outdoors, Play in the Rain is a free family event for all ages. All activities and parking are FREE! Play in the Rain will happen rain or

shine, so dress for the weather. More information at Youth in Nature Partnership, www.youthinnature.org. or www.MountPisgahArboretum.org. Location: Mount Pisgah Arboretum.

November 27, Saturday, Noon-2pm

Walk: Mushroom Walk. It's mushroom season. Take a walk through the Arboretum's forested trails with experienced Mycologists, Molly Widmer and Chris Melotti of the Cascade Mycological Society, and hunt for those fascinating fungi. Discuss identification, habitat, characteristics, natural history and the role of fungi within an ecosystem. Rain or shine. Location: Mount Pisgah Arboretum Visitor Center. Information: Fee \$5 (MPA members/donation). Call 747-1504 for more information.

Nearby Nature

November 14, Sunday, 1-4 pm

Workshop: Backyard Habitats. November is the time to plant native trees, shrubs, and seeds so they develop root systems over the winter and spring before the dry Willamette Valley summer begins. Join presenter Bruce Newhouse, Principal, Salix Associates and Nearby Nature Advisory Board Member, at this fall workshop if you are interested in creating a backyard habitat for native birds, bees, and butterflies using native plants. Help our ecosystem, have a great time and perhaps you will create something beautiful, too! Pre-registration is required and space is limited. The workshop costs \$30 for members, \$35 for non-members, or a work trade at the Nearby Nature Learnscape. To register, visit www.nearbynature.org, call 541-687-9699, ext. 2, or email info@nearbynature.org with Backyard Habitats in the subject line.

Siskiyou Field Institute

November 5th-7th, Friday-Sunday

Workshop: Mushrooms! Learn about the biology, ecology, and field identification of mushrooms with David Lebo, MS. Investigate edible as well as

poisonous mushrooms of the Pacific Northwest. Prowl the Illinois Valley for fungi on Friday. On Saturday, drive the scenic Smith River Gorge and scout for mushrooms on the Six Rivers National Forest and along the Oregon Coast. Sunday, continue 'shrooming along the northern California coast. Beginners and the fungi-literate are welcome. Location: Deer Creek Center, Selma, OR and Oregon/California Coast. Information: To register, call 541-597-8530 or register online at www.thesfi.org. Tuition: \$125. Naturalist Certificate included.

November 12-13, Friday (evening)-Saturday (all day)

Workshop/Hike: Edible Mushrooms of Southern Oregon. Join instructor, Eric McEwen, as we search in the woods and learn methods to safely collect and consume wild mushrooms. Discover characteristics for the identification of edible mushrooms commonly found in Southern Oregon which may include Morels, Boletus, Corals, Oysters, Chantrelles, and Matsutake. Use all your senses as you develop skills to recognize which mushrooms to take and which to leave. Eric will offer a Free Evening Program, "Edible Mushrooms of the Klamath-Siskiyou," November 12th at the Deer Creek Center. Location: Deer Creek Center, Selma, OR. Information: To register,

call 541-597-8530 or register online at www.thesfi.org. Tuition: \$50.

Willamette Valley Hardy Plant Group

November 9, Tuesday, 7 pm

Presentation: Garden photography with Mark Turner. Mark Turner, a photographer based in Bellingham, Washington, has a passion for wildflowers, other native plants, and gardens. He is co-author of the field guide *Wildflowers of the Pacific Northwest*, copies of which will be on sale. In this program Mark shares his insights into garden photography, inspiring gardeners and garden lovers alike to see their gardens in new ways. Using examples from his extensive garden photo library, he will show the effects of different qualities of light, composition tools, perspective, point of view, juxtaposition, and seasonal change. Doors open at 6:30 for book sales and viewing botanical samples. Admission is \$6 for non-members and \$3 for members. Membership in the Hardy Plant Group is \$20 annually. Location: University of Oregon, Agate Hall, Agate Street at 18th Avenue, Eugene, OR. There is ample parking next to Agate Hall. Information: Contact Pam Perryman at 541-344-0896 or visit the website at www.thehardyplantgroup.org.



2011 Native Plant Appreciation Week Poster Contest

Summer's over... but remember all of those great photos you took of native plants in Oregon this spring and summer? Now that you're probably spending more time indoors, you could take this opportunity to select the best of your photos and submit them for the Native Plant Appreciation Week Poster Contest.

Entries must be submitted online on the NPSO Photo Gallery (<http://npsoregon.org/photos/v/2011npaw/>) in the album titled "2011 NPAW Photo Contest." Each person may enter two photos of Oregon native plants (photographed in Oregon with photographer name, species or other description, family, common name, location, and date). All entries must be received by January 10, 2011. Photos will be rated on artistic presentation, appropriateness to the theme, and technical excellence. Complete details can be found at: <http://npsoregon.org/photocontest.html>. If you have any questions, please email Judi Sanders, judi.sanders@gmail.com.

Kalmiopsis Writing Opportunity

If you like our NPSO journal, *Kalmiopsis*, and have been thinking about contributing an article to it, there are still openings for the 2011 issue. Here is how to do it. Send your idea to the editor, Cindy Roché, and request a copy of the Instructions to Authors. Prepare the manuscript according to the directions and assemble the images to illustrate it. Then send the materials to the editor. It is relatively simple and entirely painless; just ask any of the authors of previous articles. You can write an article on your own, or join forces with a friend or two to share ideas and information. Look at past issues for the types of articles published in *Kalmiopsis*, for example, Plant of the Year, Oregon Plants, Oregon Places, historical botanists, and other feature articles. Here are the addresses you need: kalmiopsis@npsoregon.org or P.O. Box 808, Talent, OR 97540.—Cindy Roché, *Kalmiopsis* Editor.



Join the Native Plant Appreciation Week Committee

The Native Plant Appreciation Week Committee is looking for new members to help promote Native Plant Appreciation Week! The purpose of the committee is to promote activities for Native Plant Appreciation Week. To join, please email Judi Sanders, judi.sanders@gmail.com.

Douglasia laevigata, continued from page 1

blooming *Columbiadorea hallii* was attracting lots of butterflies. Most were pine whites, but there were several fritillaries, some skippers, and some various coppers and blues. We drove farther along the road and parked where a large log had fallen, partly blocking the road. We could have driven farther, but there were many small rocks on the road, and this is about where the roadside flowers start picking up again. Over the course of the day, we saw more butterflies along this stretch, although they weren't quite as abundant. There were several clodius parnassians, orange sulphurs, an acmon blue, one each Edith's copper, mariposa copper, and what was probably a lilac-bordered copper. I also tried in vain to get a good photograph of a West Coast lady. That was the first one I'd seen all year. It doesn't seem to have been a good year around here for any of the ladies. Some of the butterflies were getting hard to identify in their tattered, late summer condition (they might say that about me as well, with all the scrapes and bruises I've accumulated).

We walked a bit over a mile up this road. Most of the flowers have gone over, but there were still lots of the ubiquitous pearly everlasting (*Anaphalis margaritacea*) and late-blooming annuals including *Gayophytum diffusum*, *Epilobium brachycarpum*, and *Polygonum minimum*. I was looking for *Arnica parryi* I'd seen here before and finally found a few still in bloom. Other plants including *Castilleja miniata*, *Agoseris grandiflora*, *Nothochelone nemorosa*, and *Chamerion angustifolium* (fireweed), still had a few blossoms left. We saw one wallflower that was re-blooming, with dried seeds on top and more buds and flowers developing near the base of the flowering stalk. There were numerous plants of some sort of rockcress (*Boechera* sp., formerly *Arabis*) with conspicuous, somewhat upright siliques and lavender flowers. I'm pretty sure I've seen this one before, but I still can't put a name on it.

When we reached the north end of the road where it starts to wrap around to the east, we stopped to enjoy the

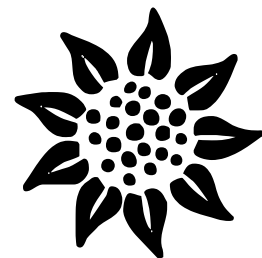
great view of Diamond Peak, the Three Sisters, and even Mt. Jefferson, while we each called home, having finally gotten cell phone reception. I was admiring a north-facing cliff off to the east, wondering how I might access it. It occurred to me that it was completely open in front of us, and there might well be some north-facing rock right here. So I suggested we walk through a short shrubby area to the edge to see what was there. We reached the edge and it was indeed very rocky. Suddenly our laid back day got very exciting. Right away I spotted *Castilleja rupicola*. I'm always thrilled to find a new site at the southern end of its range. There was also lots of *Penstemon rupicola* and *Saxifraga bronchialis*, typical denizens of north-facing cliffs in the Western Cascades. Growing among them were some very small tufts with pale seed capsules. Having just seen these at Iron Mountain on Monday, I recognized it as *Minuartia rubella*, a plant I've been looking for but rarely see.

I was plenty excited enough finding such an excellent cliff, especially at Groundhog Mountain, where there are numerous wetlands and roadcuts but very little natural cliff—or so I thought. A few steps farther and I was at the top of a very tall vertical face. This really was quite some cliff. It was way too steep to see below. But there, right in front of me was an even bigger thrill. It was a small mat of shiny leaves with red stems. *Douglasia laevigata* popped into my head immediately, but that has never been found in Lane County or this far south. Take a deep breath, don't jump to conclusions, I thought. Thankfully this plant was reachable, and I was able to get a stem complete with an old seed capsule. Learning to recognize plants in seed is very valuable this time of year. It had a capsule that was split to the base into five sections, with persistent, somewhat ridged sepals. There were several bracts a little below the capsules. The mats of *Saxifraga bronchialis* were covered with brown, two-parted capsules, while the pale capsules of *Minuartia rubella* form little toothed cups after the seeds are gone. I looked hard with the binoculars and found about five more plants

that appeared to be *Douglasia*. It will be a lot easier to spot from a distance when the bright pink flowers are out, but that may be difficult as it is such an early bloomer, and the flowers might be done by the time the snow melts off the north-facing stretch of road.

Sabine headed back to the road to wait while I headed farther downhill along the ridge near the top of the cliff area. Some sections were not so steep, and I was able to get a good look at the front of other sections. I didn't find any more *Douglasia*, but there was plenty of *Castilleja rupicola* and more *Minuartia rubella*. I went down about five successive tiers, about 200' all together. Each one had a slightly different mix of plants. *Phyllodoce empetrififormis* grew in one area. This would be more surprising were it not growing in the wetland less than a mile away. Checking with the binoculars, I could see a little green and brown plant in a crack farther down that immediately struck me as *Heuchera merriamii*. When I got down there, I was able to touch several small plants that were indeed *H. merriamii*. They still had ripe seed. Back home under the microscope, I examined the black seeds. They are covered with teeny bumps and look like of miniature hedgehogs.

I can't believe how many wonderful plants were growing on this cliff. I can't wait to see it earlier next year and to look for more accessible north-facing rock nearby. After rejoining Sabine, we returned to our relaxing walk back along the road to car, both of us happy with the unexpected change in our trip. You just never know what the day will bring. That, in part, is what has me so addicted to plant exploration.



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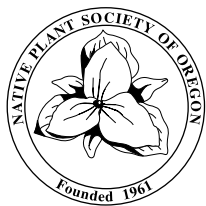
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