



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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Intern Report

Restoring Willamette Daisy Populations at Bald Hill

by Ryan Sheen

The following article on Willamette daisy is the first in a series where NPSO/Institute for Applied Ecology (IAE) interns discuss their activities during the 2007 field season. Interns participated in rare plant monitoring, restoration, floristic surveys, and other research projects conducted by IAE staff throughout Oregon during the past summer. In this article, Ryan Sheen describes our efforts in collaboration with the US Fish and Wildlife Service and the City of Corvallis to enhance the population of Willamette daisy at Bald Hill, just outside of Corvallis. For more information on internship opportunities, please contact IAE at athorpe@peak.org, 541-753-3099 or visit www.appliedeco.org. Thanks again to NPSO for contributing to botanical education and work experience.

-Andrea S. Thorpe Ph.D., Institute for Applied Ecology, Corvallis, Oregon

E*rigeron decumbens* ssp. *decumbens*, commonly known as Willamette daisy, is a small lavender wildflower in the Asteraceae family. It is endemic to

the Willamette Valley, and was once abundant in the valley's upland prairies and wetlands. As land use in the Willamette Valley has been mostly dedicated to urban and agricultural uses, habitat for Willamette daisy has become degraded and fragmented. Willamette daisy was considered extinct after the last collection was made in the 1930s, until two populations were discovered in the 1980s. Since then, about 18 additional populations have been identified. Willamette daisy is now listed as a federally endangered species (in part, a result of action by the NPSO). Due to this listing, the four populations on public land receive federal protection.

The number of individuals estimated to comprise the known populations is still dangerously small, approximately 7,500. More than half of these plants are in just four populations in the West Eugene Wetlands. Consequently, there are many conservation efforts taking place around the Willamette Valley. As an intern for the Institute for Applied Ecology, I participated in a reintroduction project on Bald Hill. Bald Hill is a city-managed park on the outskirts of Corvallis. The outplanting site is characterized by oak

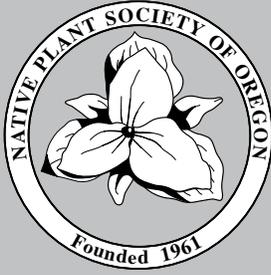
savannah habitat. The city has been working to restore and maintain the prairie habitats with mowing and burning and IAE has previously been involved in several efforts to reintroduce Kincaid's lupine to Bald Hill.

Prior to this project, Bald Hill had three patches of Willamette daisy, and a study looking at seed set and viability found that less than 2% of the seeds were filled. This presented two different issues. First, if new plants were not reintroduced to Bald Hill, this population was likely to be extirpated. Second, there were very few seeds from the local population to use for a reintroduction effort. In response to these issues, this project focused on creating two new patches of Willamette daisy on Bald Hill using plants grown from two different source populations, Muddy Creek and Baskett Butte. These populations were selected because of their proximity and relatively large sizes; however, these sites do differ slightly in their habitat type. Muddy Creek is a relatively wet prairie, Baskett Butte is an upland prairie and the habitat at Bald Hill is somewhat intermediate between the two. Using

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Native Plant Society of Oregon

World Wide Web

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E-mail Discussion List

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

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

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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. 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.

Please Nominate Outstanding NPSO Members for Our Prestigious Fellows Award

by Rhoda Love, NPSO Fellows Committee Co-Chair

Our Fellows Committee, made up of myself, Shane Latimer, and David Lebo, is now ready to accept nominations for new NPSO Fellows. The Fellows award recognizes individuals for outstanding service to our society; since 1998 we have honored 18 persons with this award. (For a list of those who have been honored in the past, please see page 36 of your most recent *Kalmiopsis*.) Nominations can come from a chapter, an individual, or a group. A chapter may wish to nominate their founder or other active member. You may wish to nominate an outstanding teacher of botany, or a present or former officer or board member.

Fellows receive a lifetime NPSO membership, a ceremony and plaque at the Annual Meeting, and a biographical article with photo in *Kalmiopsis*. We all know many outstanding and hard-working members of our society who deserve this honor.

Your nominating letter can be sent to me by e-mail. It should contain biographical and background information about the nominee. Please also provide a photo of the prospective Fellow or Fellows. Your nomination will move from the nominating committee to the State Board for approval. When approved, we will design a plaque and plan a ceremony for our July Annual Meeting, July 11-13 in Eugene.

Please send letters of nomination by the end of 2007 to Rhoda Love at rglove@uoregon.edu. You are welcome to call me at (541) 345-6241 for more information. I await your nominating letters.



TANYA HARVEY

During the dark, cold days of winter, it helps to be reminded that the flowers and warm days of summer will indeed return soon. In June, Dichelostemma congestum, Gilia capitata and Cryptantha intermedia are abundant on the rocky top of Lookout Mountain in Douglas County.

State

January 26, Saturday, 10 am

State Board Meeting: The Corvallis Chapter will host the next quarterly state board meeting at Cordley Hall, Room 2087, OSU.

Directions: From I-5, take exit 228. Drive west on Hwy 34 towards Corvallis (about 10 miles). As you enter town, Hwy. 34 becomes Harrison Blvd. Continue on Harrison Blvd. and turn left onto NW 30th St. Travel four blocks and turn left onto NW Orchard Ave. Park in one of the lots near the intersection of NW Orchard Ave. and NW 27th St. Enter Cordley Hall from the Northwest corner (facing the demonstration garden). All other doors will be locked so please arrive promptly. Our meeting is in room 2087 (second floor, south side of the building near the Botany Dept. main office). If you need further directions, please contact Matt Blakeley-Smith at mattbs@peak.org or 541-231-9861.

Blue Mountain

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

Cheahmill

For more information visit the chapter website: www.oregon-nativeplants.com

January 24, Thursday, 7 pm

Program: Restoring Critically Endangered Willamette Valley Prairie—Propagation and Restoration Techniques. Lynda Boyer, Restoration Biologist and Native Plant Manager for Heritage Seedlings, Inc., will discuss a variety of methods currently used to propagate native prairie seed and plants and enhance/restore native prairie and oak habitat. The presentation will focus on grass and wildflower species of the critically endangered Willamette Valley upland and wet

prairie habitats. Defenders of Wildlife estimates there is less than 1% of native prairie left in the Willamette Valley. Lynda is facilitating over 200 acres of prairie restoration on Heritage nursery property as well as managing the propagation of over 100 native species for seed. In 1999, Ms. Boyer received her MS degree in Biology from Portland State University and has worked for Heritage since 2001. Carnegie Room, McMinnville Library, 225 NW Adams Street.

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 many 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 28, Thursday, 7 pm

Program: Saving Seeds for the Future. Join Andrea Raven, Conservation Scientist, for a mid-winter presentation on The Berry Botanic Garden and its regional efforts to preserve, study and reintroduce rare plants back into the wild. Topics to be covered include seed banking, current reintroduction projects, a 15-year soil seed bank study and global climate change. Carnegie Room, McMinnville Library, 225 NW Adams Street.

Corvallis

To join the Corvallis e-mail list, see a list of upcoming events, or to read trip reports, please visit our new Google Group, or simply click the "more" tab in Google, select "groups" and search for "Corvallis NPSO". <http://groups.google.com/group/corvallis-npsa>

December 10, Monday, 6:30 pm

Meeting: Annual Holiday Party. Join us at the home of Loren Russell and Flo Leibowitz, 3420 SW Willamette Ave., Corvallis. Please bring slides or digital images of your botanical adventures to show the group, and a dessert or drink to share. This is a great way to meet new members, catch up with old friends and see some spectacular images. From SW Philomath Ave, take SW 35th St. south. Turn left on SW Long Ave., then an immediate right onto SW Longhill, and a right on SW Willamette. Look for the steep driveway and impressive rock garden. For more information please contact Matt Blakeley-Smith at 541-231-9861.

January 14, Monday, 6 pm

Dinner with our speaker, Nicole DeCrappeo, at Nearly Normals, 109 NW 15th Street, Corvallis. All Welcome. Please RSVP Matt Blakeley-Smith at mattbs@peak.org so we can save table space.

January 14, Monday, 7:30 pm

Meeting: Soil Crusts and Critters—Doing the Dirty Work of Plants in Eastern Oregon. Nicole DeCrappeo, an ecologist with the U.S. Geological Survey in Corvallis, OR, will explain how communities of soil organisms perform like plants in desert ecosystems. Lichens, mosses, fungi, and other critters are essential in keeping water, nutrients, and the soil itself in place in these harsh environments. Avery House, Avery Park, Corvallis. For directions or information contact Matt Blakeley-Smith at 541-231-9861.

January 19, Saturday, 10 am

Workshop: Growing Native Plants from Seed. We'll teach you the techniques required to start growing more plants than you'll know what to do with! Bring seeds of native plants that you have collected and share your bounty with other members. Also bring tags and lots of small pots or seedling trays. We'll provide soil and extra seed. Meet at OSU at the northwest corner of Cordley Hall near the greenhouses. Arrive promptly since the doors are locked on the weekends and we will be working indoors. For directions or information contact Matt Blakeley-Smith at mattbs@peak.org or 541-231-9861.

Emerald

December 10, Monday, 7:30 pm

Meeting: Holiday Social and Slide Show. Bring 10 to 12 slides and a snack to share if you wish. Come and socialize with others who share your interest in native flora. Room 115, Science Building, Lane Community College, 4000 30th Ave. East, Eugene. Call 541-746-9478.

January 21, Monday, 7:30 pm

Meeting: Sedges of the Pacific Northwest. There are 130 species of sedge in Oregon. Barb Wilson of the Carex Working Group will discuss the ecological importance of these plants. EWEB Training Room at 500 East 4th Avenue, Eugene. For more information call 541-746-9478.

February 2, Saturday, 8 am–1 pm

Field Trip: Green Island Tree Planting. McKenzie River Trust has invited us to help plant trees on an 800-acre preserve in the Willamette River north of Eugene. Lunch will be provided. Wear waterproof shoes and clothes. Bring gloves and water. Meet 8:00 am at South Eugene High School to pool rides. RSVP Katie at 541-345-2799 before Jan. 25.

February 11, Monday, 7:30 pm

Meeting: Invasive Plants and their Control from a Practical Standpoint, presented by Glen Miller of the Oregon Department of Agriculture. EWEB Training Room at 500 East 4th Avenue, Eugene. Call 541-746-9478.

February 16, Saturday, 9 am

Field Trip: Mt. Pisgah. View early wildflowers and see habitat restoration work on the flood plain of the Coast Fork of the Willamette. Dwarf isopyrum should be blooming. Walk 3 miles total. Bring snacks and water. Meet at 9 am at South Eugene High or 9:15 am at the Mt. Pisgah Arboretum. Return by 1 pm. Call 541-345-5531.

High Desert

For information on the High Desert Chapter call Berta Youtie at 541-447-8166.

Klamath Basin

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

Mid-Columbia

December 13, Thursday, 7 pm

Meeting: Native Plants in Your Garden. Mo Miles of the Milestone Nursery will talk about gardening with natives. The Commodore Building, 3rd and Court Street, The Dalles. For more information, contact Hanna Metzger at hannam@gorge.net or 541-386-3268. Please note the new meeting time, half an hour earlier than previously.

January

Because of unpredictable mid-winter weather, no meeting is scheduled for January.

North Coast

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

Portland

The semi-official e-mail newsletter of the Portland Chapter is The Calochortus. If you are not receiving it and would like to, send an e-mail to Don Jacobson at: donjphoto@gmail.com

December 13, Thursday, 7 pm

Meeting: Our Annual Members' Night. Bring photos and/or stories to share with the other members. Slides or digital format is ok. We'll meet in our **NEW LOCATION at the Mt. Tabor Presbyterian Church** on SE 54th Ave. between SE Belmont and Morrison Streets. Enter the church parking lot from SE 54th Avenue.

January 10, Thursday, 7 pm

Meeting: The Unique Flora of Western Australia. Dave Dobak will present a botanical tour of Western Australia. We'll meet in our **NEW LOCATION at the Mt. Tabor Presbyterian Church** on SE 54th Ave. between SE Belmont and Morrison Streets. Enter the church parking lot from SE 54th Avenue.

Siskiyou

SOU Herbarium Public Hours

The SOU Herbarium will be open from 7–7:30 pm immediately preceding the NPSO meetings on the third Thursday of each month (except December). The Herbarium is located in the SOU Science Building, Room 206. Call Connie at 541-488-0368 for information or to schedule another time.

January 17, Thursday, 7:30 pm

Meeting: Vascular Plants of Deer Creek Center. Deer Creek Center in Selma (Illinois Valley) is an Education and Field Research Station operated jointly by the Siskiyou Field Institute and SOU. Deer Creek runs through it on its way to the Illinois River several miles downstream. SOU graduate student Keir Morse will discuss his thesis work: making a vascular plant inventory of the Deer Creek Center 870-acre property. Keir is a field botanist who has worked throughout the United States, mainly in various national parks. He has a passion for photography and has been working to get

images of uncommonly photographed plants onto the internet as a resource for all botanists (www.keiriosity.com). Room 171 of the SOU Science Building, Ashland. For more information, please contact Alex Maksymowicz at 541-482-1964.

Umpqua Valley

December 13, Thursday, 7 pm

Meeting: Annual Holiday Potluck. Come mingle, while we enjoy good food at our annual holiday potluck. This is a great chance to visit with old friends or meet new members as we

share our interest in native flora. Bring a dish to pass and meet upstairs in the Mercy Education Bldg., 2459 Stewart Parkway, Roseburg. For more information, or to coordinate what dish you plan to bring, please call Diane Phillips at 541-837-3690.

January 10, Thursday, 7 pm

Meeting: Tropical Plants of Ecuador. We are pleased to announce, Jenny Moore, new Umpqua National Forest zone botanist, will share with us an exhibition of tropical plants from Ecuador. Ecuador is rich in tropical plant diversity and you will be transported to a different world of beauty, startling oddity, and vivid color of the South American vegetation. Jenny left the rainy wet Six Rivers National Forest to join our community in the Umpqua Valley. We are extremely fortunate to have a new botanist in our area.

NPSO Items for Sale

NPSO Membership Directory lists names, addresses, phone numbers, and e-mail addresses of NPSO members (April 2007). Available from Jan Dobak, 2921 NE 25th Avenue, Portland, OR 97212-3460. \$4 postpaid.

Vascular Plants of Lane County, Oregon: An Annotated Checklist Emerald Chapter, NPSO. More than 1,740 species and varieties representing 39% of the 4,460 plants currently recognized by the Oregon Flora Project are listed with information on habitat, ecoregion, occurrence frequency, and native or non-native origin for every species. To order, send **\$15** payable to Emerald Chapter, NPSO to Lane County Checklist, Emerald Chapter, NPSO, PO Box 902, Eugene, OR 97440-0902.

Louis F. Henderson (1853-1942): The Grand Old Man of Northwest Botany by Rhoda M. Love. NPSO's second Occasional Paper is the only existing publication with detailed coverage of the long and fascinating life of this John Muir-like western character. Included: 56 pictures, 133 notes, chronology, list of plants named for Henderson. Fourth printing, February, 2004. **Nearly sold out, now reduced to \$8.00 per copy.** To order, send check for the appropriate amount (made payable to NPSO) to: **Occasional Papers, NPSO, PO Box 902, Eugene, OR 97440-0902.**

Salal T-shirt. Attractive forest green t-shirts with botanical drawing of *Gaultheria shallon* in cream-colored ink by Carlton, OR artist and Cheahmill Chapter member, Marilyn Karbonski. High quality t-shirts, S-XL, short sleeve **\$15 plus \$5 shipping.** To order, call Jennie Sue Dunn-Dixon at 503-472-1745.

"Land of Umpqua" T-Shirt featured at the 2005 Annual Meeting is still available. It depicts the delightful *Calochortus umpquaensis* illustrated by Dorothy Schattenkerk and in cream, purple, yellow, and green. The shirts are **\$16 plus \$5 shipping** and come in light gray, beige, pink or light blue in sizes M, L, and XL. To order call Ron Hatt at 541-863-7024.

Willamette Valley

January 15, Tuesday, 7 pm

Program: Phyllis's Favorite Wildflowers. Phyllis Gustafson will show pictures and give a talk about her favorite Northwest wildflowers. She is co-author of *Wildflowers of the Pacific Northwest*, a comprehensive guide to more than 1,200 flowers. She ran a small seed collection business specializing in northwest native plants and worked with natives in the nursery industry for more than 20 years. Straub Environmental Learning Center, 1320 A Street NE (next to Olinger Pool, near North Salem High). Free and open to the public. For more information, call 503-399-8615 after 7 pm.

William Cusick

For information on the William Cusick Chapter contact Sandy Roth at 541-963-7870 or vroth@oregontrail.net.

OTHER EVENTS

WREN Events

*For more information about Eugene's
Willamette Resources & Education
Network visit www.wewetlands.org*

Wednesday Wanders

2nd and 4th Wednesdays, 9–10 am

December 12:

Willow Creek Natural Area

January 9:

Stewart Pond

January 23:

Meadowlark Prairie Overlook

Casual walks through different West Eugene Wetlands sites. WREN will provide binoculars. Wear shoes that can get wet and muddy.

Cattail Investigation

Family Program

January 12, Saturday, 10 am–noon

Join us as we collect, dissect, and discover what makes the cattail so incredible. Participants will then have the opportunity to build a cattail boat. Suggested donation \$2 member, \$4 non-member. Meet at the Wetland Project Office. Space is limited, registration is required. Call WREN at 541-683-6494.

Siskiyou Field Institute Course

To learn more about courses or to reserve your place, visit www.thesfi.org or call 541-597-8530.

Winter Ecology

February 15 (evening only) and 16 Ashland, OR

The Friday evening after Valentine's Day (a great gift for you and your sweetie!) naturalist Kristi Mergenthaler will prepare participants for Saturday's snowshoeing on Mt. Ashland and investigating how plants and animals adapt to life in the cold and snow. Beginners are welcome to be part of this adventure and its moderately strenuous snowshoeing.

Northern California Botanists Symposium

Northern California Plant Life:

Celebrating What We Have With an Eye to the Future

January 14–16, Monday–Wednesday, California State University, Chico

This is the second annual symposium sponsored by Northern California Botanists! The various topics presented at these symposia concentrate on northern California botany, always looking for links between the worlds of applied and academic botany. Learn from two days of speaker presentations and panel discussions! Network and meet other botanists at the Monday evening reception and the banquet with Keynote Talk. Several workshops will be offered on Wednesday. For more information and to register, visit www.csuchico.edu/biol/Herb/norcalbot/index.htm.

Symposium topics for 2008 are:

- Rare plant monitoring and management
- Wetland restoration and mitigation
- Ethnobotany and vegetation management
- Going underground
- How to be a botanist
- Global climate change
- Vegetation mapping and conservation
- Northern California botanical discoveries

Friends of the Oregon Flora Project



www.oregonflora.org

We often receive comments stating how useful information from the Oregon Flora Project is, and how much it informs both personal and professional endeavors. It is the mission of the Oregon Flora Project to be a reliable resource about the plants of Oregon, and we appreciate knowing that our work is valued. To accomplish all that is envisioned in the OFP, however, we need your financial support. The OFP does not receive any funding from Oregon State University, nor from state or federal agencies. Competitive grant awards and donations from individuals are the resources we rely upon to keep our staff employed and the project moving forward. Please consider a generous gift now, during our annual fundraising event. Your support will keep the information you value freely accessible and will ensure its continued growth.

Your tax-deductible check can be made out to NPSO, with "OFP" on the memo line, and mailed to: Friends of the Oregon Flora Project, P.O. Box 402, Corvallis, OR 97339-0402.

A New Underwater Mushroom Discovered in the Rogue River!

by Darlene Southworth, Siskiyou Chapter

Last summer, Robert A. Coffan, a hydrologist and adjunct Professor in the Department of Environmental Studies at Southern Oregon University, contacted me and said that he had found a mushroom growing underwater. He e-mailed me a digital image and, indeed, it looked like a mushroom fruiting underwater. In August, he took Jonathan Frank and me to a site on the upper Rogue River where we found dozens of fruiting bodies in the river channel, some growing out of the silt on the river bottom, others attached to gravel or wood. On close examination, we found that the mushrooms looked somewhat like the inky caps of the genus *Coprinus*, and keyed out to a closely related genus *Psathyrella*. We observed these mushrooms fruiting over 11 weeks in clear, cold, flowing water. At the Biotech Center of Southern Oregon University, Jonathan sequenced a short region of fungal-specific DNA that matched the sequence of *Psathyrella*. The specimens we collected did not fit exactly to any of the 400 species in Alexander Smith's monograph of the North American species of *Psathyrella*. Based on morphology, DNA, and habitat, we concluded that it was a new species and have proposed the name *Psathyrella aquatica*. A manuscript has been submitted to *Mycologia*. This is the first report of a mushroom with true gills that is fruiting underwater.

This particular river habitat combines the characteristics of spring-fed flows, clear, cold, aerated water with woody debris and aquatic mosses in shallow depths on a fine volcanic substrate. The presence of nitrogen-fixing cyanobacteria near fruiting body attachment sites suggests a source of nitrogen in an otherwise clear stream. This observation adds to the biodiversity of stream fungi that degrade woody substrates.

Rare Plant Descriptions Wanted

The Rare and Endangered Plants Committee has initiated a project to describe briefly each of the rare and endangered Oregon plant species listed by the Federal and Oregon State governments. So far, three descriptions with photographs have been posted on the NPSO website under the committee's heading: *Stephanomeria malheurensis*, *Erigeron decumbens* var. *decumbens*, and *Lupinus sulphureus* ssp. *kincaidii*. Since many NPSO members have significant and often first-hand knowledge of Oregon's rare plants, we invite you to join with us to provide additional write-ups. The descriptions should be about 1–2 pages long, photographs may be either your own or obtained from various public venues (Oregon Flora Project, Oregon Natural Heritage Information Center, etc.). Already posted write-ups are suitable as models for your own presentations. Each write-up will be posted for about three months and then will remain available on the site. I will be happy to facilitate preparation of the write-ups by helping you find source materials and by editing your text when appropriate. Les Gottlieb, Chair of the R & E Plants Committee; contact me at Leslie@ashlandhome.net.

Grant Proposals Requested

NPSO will continue to sponsor small field research grants. The objectives of the program are: 1) to stimulate basic field research into the biology and distribution of Oregon's native and naturalized flora and vegetation, particularly in the more remote areas of the state, and 2) to promote native plant conservation through better understanding of Oregon's flora and vegetation and the factors affecting their survival.

For a copy of the program policy and guidelines contact

Dan Luoma
Field Research Grants Committee Chair
3740 NW Harrison Ave.
Corvallis, OR 97330
541-752-8860

or visit NPSO's web site, www.NPSOregon.org/comm/FRGC.htm. Research proposals are due by March 1.

2008 NPAW Poster Photo Contest

It's time for NPSO's annual photo contest to select a photo for the 2008 Native Plant Appreciation Week poster. So, pull out your best shots! The contest is open to everyone. Photos should showcase an Oregon plant community or a portrait of an Oregon native plant. Photos may have been taken at any time but should be from a site in Oregon.

Entries must be submitted online on the NPSO Photo Gallery, in the album titled "2008 NPAW Photo Contest." You may have a maximum of two entries per person. The entry deadline is December 15, 2007. Complete submission instructions can be found at www.NPSOregon.org/photos/2008npaw.html.

Initial judging will be from preview-size digital images, but the winning photographer(s) must provide a high-resolution image (at least 300 ppi) and must allow NPSO to reproduce the image free of charge for our poster, website, and related publicity. E-mail questions to Judi Sanders at judi.sanders@gmail.com.

Erigeron decumbens

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the two different sources increases the probability of successful establishment (a strategy of “hedging our bets”). In addition, by monitoring the establishment and survival of these plants, this project will help to determine the degree to which populations have become adapted to local conditions.

After seeds from Baskett Butte and Muddy Creek were collected and sorted, they were placed in a cold room for three months for stratification. After cold stratification, they were germinated in a warm room, then the seedlings were grown in small pots and transplanted as plugs. This method of reintroduction is more labor intensive than simply spreading seeds, but the success rate is much higher, and with such a limited amount of seed to work with, is necessary. In addition to IAE and, city staff members, several volunteers assisted with planting.

There really is much to consider in undertaking a reintroduction project, which at first may not be obvious.



TOM KAYE

The flowers of Willamette daisy (Erigeron decumbens).

What type of habitat should the seeds come from? How far should the source of seeds be? What area would be the best host for reintroduction? What is the best method for reintroduction?

What management techniques should be utilized? This and my participation in other conservation projects helped me gain valuable insight to these technical and ethical questions.



TOM KAYE

Seedlings of Willamette daisy (Erigeron decumbens) waiting to be planted.

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 yearly *Kalmiopsis*.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

- New Renewal
 Student—\$12 Regular—\$18 Family—\$24
 Sustaining—\$50 Patron—\$100 Life Membership—\$500
 Subscription Only (*Bulletin* and *Kalmiopsis*)—\$18 *Only for those who wish to subscribe, but do not want to have full membership status.*

CONTRIBUTIONS to NPSO are tax deductible.

- | | |
|--|----------|
| Jean Davis Memorial Scholarship Fund | \$ _____ |
| Leighton Ho Memorial Field Botany Award Fund | \$ _____ |
| Rare and Endangered Plant Fund | \$ _____ |
| Friends of the Oregon Flora Project | \$ _____ |

Membership in the Native Plant Society of Oregon is open to all.

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.

OFFICERS & COMMITTEE CHAIRS

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CHAPTER PRESIDENTS

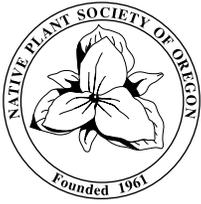
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Call For Papers

I'm now looking for articles for the 2008 issue of *Kalmiopsis*. All materials submitted should pertain to Oregon's native vegetation and flora. *Kalmiopsis* publishes two series articles: Plant of the Year, and Oregon Plants, Oregon Places, as well as articles about historical botanists and other features related to native plants or plant communities in Oregon. Please refer to previous issues of *Kalmiopsis* for length and content of articles; maximum length is 5,000 words. I would like to extend a particular invitation to authors writing about parts of Oregon not recently covered in *Kalmiopsis*. Contact the editor (me) for a copy of "Instructions to Authors" or to place your name on a call list for writing book reviews.

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IT'S RENEWAL TIME!

The NPSO membership year is January to December. Now is the time for members to renew for 2008. To find out whether you need to renew, please look at your address label on this issue of the *Bulletin*. If 2007 appears along the top edge of the label, you need to renew before February 15, 2008 to ensure that you do not miss out on any issues of the *Bulletin* or on the 2008 issue of *Kalmiopsis*. If the year is 2008 (or later) or does not appear, ignore this notice—you do NOT need to renew at this time.

Please use the remittance envelope in this *Bulletin* to send in your dues, or use the membership form on the inside back page if the envelope is missing.

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 Jean Davis Memorial Scholarship is 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.

Note for Earth Share Contributors: ignore this notice unless you wish to become a regular member of NPSO. You will continue to receive the *Bulletin* for one year from the time of your contribution.