



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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AUGUST/SEPTEMBER 2009

The Green Plague: *Spartina* Species and Pacific Northwest Estuarine Environments

*Zen priest Florence Caplow, whose other occupations include rare plant botanist and writer, explores the historical, scientific, and spiritual dimensions of encountering a non-native highly invasive light green grass named *Spartina alterniflora* in Willapa Bay, Washington, a place she loves intensely. Her words are in italics, and are interwoven with facts and history, in regular text, from a more conventionally scientific viewpoint. What she says about Willapa Bay is true of what Oregon has experienced, on a smaller scale.*

In 1894, after the native oyster population in Willapa Bay, Washington was decimated by settlers digging them for San Francisco haute cuisine, oyster "spat" of the East Coast variety was brought in to seed the Bay. *Spartina alterniflora*, an important salt marsh species to bays and estuaries of the East Coast, was wrapped around the oyster spat to keep it moist. Thus was introduced to the Pacific Northwest a plant which has proven to be a green plague in fragile estuarine environments not only in Washington, but in Oregon and California as well.

Florence Caplow's words about Willapa Bay:

The Atlantic oysters failed, but the Spartina thrived, growing on the sand and mud below the high tide line where the shorebirds fed, seemingly barren places that supported great life and diversity just beneath the surface. It was like a slow cancer. The Spartina formed dense patches that trapped more sediment, converting the intertidal zone to meadow. Eelgrass beds, juvenile salmon habitat, shorebird feeding areas...all gone.

A vascular plant and perennial monocot member of the Poaceae (grass) family, *Spartina* is an aggressive, clumping cordgrass that forms large grassy meadows in estuarine environments. Its dense root mats

trap sediment, elevating the substrate and pushing out native species. A new shoreline is thus created. On the east coast of America, *Spartina* is considered beneficial, but on the west coast, it changes typical mudflats, sand and cobble beaches into grassy meadows. Invertebrates important as a food source to migrating shorebirds, waterfowl, and juvenile salmon are displaced; from an economic standpoint the shellfish and tourism industries, among others, are threatened; from an ecological standpoint entire saltmarsh ecosystems disappear, with devastating consequences for both land and ocean. According to many observations, spread of the grass is relatively slow—at first.

Florence Caplow: For most of its first one hundred years in Willapa Bay, the Spartina spread slowly. In 1984, there were just a few hundred acres of the grass in the Bay. Then it exploded, and by 2003, there were 20,000 acres of the tidelands completely dominated by the grass, and it was increasing by 20% a year. It was like a wildfire, killing everything in sight.

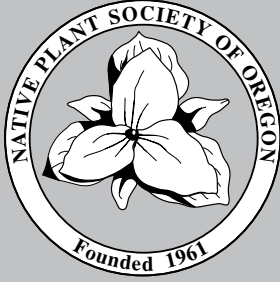
New populations can start from seeds, or small fragments torn from the plant by storm events as well as by spreading clumps. Drift card studies done in 2004 and 2005 on the

Washington and California coasts have found that there is an elevated risk of colonization in Oregon by *Spartina densiflora* from California's Humboldt Bay, whose salt marsh habitat is about 94% covered by the grass. And there is considerable risk of invasion by *Spartina alterniflora* from southwest Washington, since many cards from

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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 npsso

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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.

BLM WOPR Plan Scotched by Department of Interior

by Rhoda Love, Emerald Chapter

NPSO and other Western Oregon environmental organizations had wonderful news in mid-July when word came from Washington D.C. that the Bureau of Land Management's poorly-conceived Western Oregon Plan Revision (known as WOPR or "Whopper") had been cancelled by Obama's appointee, Secretary Ken Salazar of the Department of the Interior.

If implemented, the Plan would have tripled the timber cutting on 2.2 million acres of BLM forests, reduced buffers for rivers and streams by half, and marked nearly 100,000 acres of western Oregon old growth forests for logging.

Spearheaded by Emerald Chapter, NPSO had written a strong letter to BLM opposing the WOPR Plan; this qualified us to join a lawsuit against the Bureau brought by the Eugene-based Environmental Law Center. When

the good news of the WOPR cancellation came from Washington July 16, that lawsuit filed by NPSO and several other environmental organizations was withdrawn. A letter from our lawyer stated, "In my opinion, we declare victory and move on to ensure that the new management/planning is acceptable."

I am personally delighted with the outcome as I know all NPSOers must be. I am also very proud that NPSO not only wrote strong letters opposing the BLM Plan, but that we had the courage to join in litigation against it. To me, our taking a stand against the habitat destruction inherent in the WOPR plan exemplifies what we mean when we head each Bulletin with the motto: "Dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats."



MIKE BURKE

The nuts of the beaked hazelnut bush (Corylus cornuta var. californica) provide good summer forage for squirrels, deer, Stellar jays, and humans. They are a traditional food of northwest coast peoples. Aboriginal peoples occasionally used them as a trade item. C. cornuta can be difficult to differentiate from the commercially grown European Hazelnut (C. avellana). The nuts from C. avellana orchards are often distributed by squirrels and birds to natural areas.

NPSO CALENDAR

Blue Mountain

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

Cheahmill

For more information visit the chapter website: <http://www.oregon-nativeplants.com>

There will be no events offered in August.

September 24, Thursday

Native Plant Garden Walk (6:30 pm)

Talk: Oregon Wild and Old Growth Forests (7 pm)

Chandra LeGue, old-growth campaign coordinator for Oregon Wild (formerly Oregon Natural Resources Council or ONRC) will speak on how mature and old growth forests are crucial for clean water, fish and other wildlife, recreation, and climate change mitigation. She will particularly discuss the management of public forestlands, current threats, and opportunities to permanently protect our last remaining old forests. Oregon Wild is the state's oldest and largest conservation organization. Location: Carnegie Rm. McMinnville Public Library, 225 N.W. Adams St. (corner of Highway 99W and S.W. Second St.). For more information call Marna Porath at 503-835-1042.

October 24, Saturday, 10 am–2 pm

State Board Meeting: The next NPSO State Board meeting will be held in the McMinnville Public Library, 225 N.W. Adams St. (corner of Adams, which is Highway 99W, and S. W. Second St.) The parking lot is entered from Second St.

Corvallis

To join the Corvallis e-mail list to receive notification of upcoming events, please e-mail matt@appliedeco.org

Emerald

August 29, Saturday, 9 am

Field Trip: Seed Collection Work Party on Browder Ridge. Alice Smith, botanist for the Sweet Home Ranger District of the Willamette National Forest, will lead a hike to collect seed in the South Santiam River drainage. 6-mile round trip walk. Meet at Campbell Senior Center north of Fifth Street market; carpool to the Browder Ridge trailhead. Bring water and lunch and wear hiking shoes. For more information, 541-746-9478.

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.

September 14, Monday, 7:30 pm

30th Birthday Bash. Founding member Charlene Simpson will present a slide show about Emerald chapter's activities, past and present, in celebration of the chapter's 30th anniversary. Everyone welcome. Charter members and past officers are extended a special invitation. EWEB Training Rm., 500 E. 4th St., Eugene. Questions? 541-746-9478.

October 12, Monday, 7:30 pm

Talk: Wildflowers of the Wasatch Mountains of Utah. Tanya Harvey will show slides of the fabulous wildflowers in these mountains just outside Salt Lake City, which provide amazingly accessible views of alpine and subalpine flowers. The plants range from familiar natives to local endemics. EWEB Training Rm., 500 E. 4th Ave., 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, 541-884-5703, smalaby@cs.com.

Mid-Columbia

No meetings are scheduled for July or August, 2009. To learn details of September's meeting, contact Hanna Metzger at hannam@gorge.net.

September 10, Thursday, Time TBA

Meeting: Topic and speaker to be announced by e-mail or in local newspapers at the end of August.

North Coast

For information on the North Coast Chapter call Vivian Starbuck at 503-377-4141.

Portland

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

For Portland chapter hikes and events later in August and in September, please visit <http://www.portland.npsoregon.org/>

August 2, Sunday, Time TBA

Hike: Bird Creek Meadows. Located on the southeast slopes of Mt. Adams, Bird Creek Meadows is one of the premier Cascade wildflower locations. We'll enter the Meadows from the west via the South Climb Trail and Trail #9. Expect to see glaucous penstemon, Suksdorf's and Thompson's paintbrush, elephant heads, Lewis' monkey flower, and many others. Ten miles roundtrip, with an elevation gain of 1,000 feet. Driving distance is 200 miles roundtrip with a dinner stop on our return. Group size limited. Contact Paul Slichter at pslichter@verizon.net or 503-661-3292.

Siskiyou

August 1, Saturday, 10:30 am.

Field Trip: Bigelow Lake. Meet at the Oregon Caves National Monument parking lot at 10:30 am. Carpools leave Grants Pass Wal Mart/Taco Bell parking lot at 9 am or Ashland Oil Stop/Shop 'n Kart parking lot at 8 am. Oregon Treasures legislative bills seek to expand the Cascades Siskiyou National Monument to include Bigelow Lake, an easy-access, nearly pristine cirque. For more details contact Sasha Joachims, 541-661-3492 or Sasharain@clearwire.net. Leader: John Roth.

August 8, Saturday, 9 am

Hikes: Alex Hole, Siskiyou Crest. This trip will involve a long drive and short

hikes. Anticipated highlights are late season Siskiyou Crest flora, beautiful vistas, Quaking Aspen, and for those willing to scramble, a glimpse of *Sedum divergens*. Meet at Star Ranger Station (7 miles south of Ruch on Upper Applegate Rd.) at 9 am. Carpools leave Grants Pass Wal Mart/Taco Bell parking lot and Ashland Oil Stop/Shop 'n Kart parking lot at 8 am. Questions? Contact leader Barbara Mumblo, 541-899-3855

August 15, Saturday, 8:30 am

Field Trip: Squaw Meadow, Mt Shasta. Meet behind OilStop on Ashland Street, just west of the Ashland BiMart/Shop 'n Kart parking lot, about ¼ mile west of I5, exit 14, at 8:30 am. We'll look at subalpine flowers, including Pasque flower, partridge foot, cobwebby paintbrush, and mountain jewelweed, and savor the heady fragrance of dirty socks (*Eriogonum pyrofolium*). Moderate 3-mile roundtrip hike with an elevation gain of 600 feet. Return to Ashland by 5 pm. Leader: Alex Maksymowicz. For more information call 541-482-1964.

Elijah and Bigelow Lakes field trip on August 29 is cancelled.

September 17, Thursday, 7:15 pm.

Meeting: Speaker to be announced. Come at 7:15 for refreshments before the program begins at 7:30 pm. Contact Kristi Mergenthaler for more information at 541-535-3659.

Umpqua Valley

Visit <http://www.umpquavalley.npsoregon.org> for more information on chapter activities.

August 13, Thursday, 7 pm

Program and Summer Potluck Dinner. Come join us for this year's summer potluck dinner at our regular meeting place. Ron Hatt will show images from prior field trips. Here is your chance to learn more about our chapter while enjoying good food shared with members. Bring a favorite dish; meet in Rm. 1 at the Mercy Community Education Bldg., 2459 N.W. Stewart

Pkwy., Roseburg (between Parkway Medical Supply and Office Depot). For more information call Donna Rawson, 541-459-2821.

September 10, Thursday, 7 pm

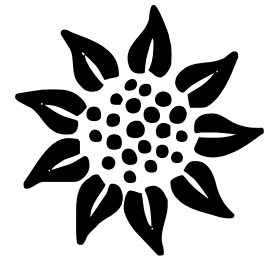
Program: To be arranged, followed by our monthly business meeting. We meet every second Thursday at 7 pm in Rm. 1, Mercy Community Education Bldg., 2459 N.W. Stewart Parkway Blvd., Roseburg. Call Donna Rawson for more information at 541-459-2821.

Willamette Valley

Contact John Savage at wv_president@NPSOregon.org for information on upcoming events.

William Cusick

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



State Board Meeting: October 24th in McMinnville

Cheahmill chapter will host the next State Board Meeting on October 24th in the McMinnville Public Library's Carnegie Room, located at the corner of Adams (Highway 99W) and S.W. Second Street. The parking lot is entered from Second Street.

The meeting will begin at 10 am and is planned to end at 2 pm. Come join the discussion and help NPSO become an even better organization than it already is!

OTHER EVENTS

Mt. Pisgah Arboretum

To register for any of the following, call 541-747-1504.

Yoga On The Mountain

August 15, Saturday, 9 am – 12 pm

Need vitality, joy, and stress release? We'll hike to the top of Mt. Pisgah and practice yoga on the summit. Susan DeHart leads this inspirational class for all abilities. Bring a mat; everyone welcome. Meet at the Mount Pisgah Arboretum Visitor Center. \$9.00.

Nearby Nature

Waterwise Garden

August 22, 10 am-12 pm

View and experience this garden, which emphasizes prudent use of water and includes many native plants. Meet at the Alton Baker Park Host Residence (between dog run and community gardens). \$2/person or \$5/family. Preregister at 541-687-9699.

North Mountain Park Nature Center

620 N. Mountain Ave, Ashland, <http://www.northmountainpark.org>. To register visit <http://ashlandparks.recware.com> or call the Nature Center at 541-488-6606. **Registration required unless otherwise noted.**

Nature Walks until September 30; Sundays-Wednesdays-Fridays; 10 am-11:30 am.

Free 1 ½-hour nature walks through Lithia Park. No preregistration required. Meet at entrance to Lithia Park.

Invasive Plant Removal in Public Lands and Ashland Parks

August 5, Wednesday, 7 pm-8:30 pm, Wrightman St. and RR tracks

August 15, Saturday, 9 am-11:30 am, Glenwood Park

Tools, gloves, and snacks provided.

Demonstration Garden Tours

August 12 and 22; September 9 and 26, 9:30 – 10:30 am

Learn about the gardens at North Mountain Park. Theme gardens include Butterfly, Amphibian-Reptile, Herbal, Heirloom, and Native Plants. Private tours can be arranged. Free.

Blackberry Wine Making

August 13, Thursday, 6 pm – 8 pm

A hands-on class in which we'll learn the basic wine-making process and begin our own personal gallons of blackberry wine. Please bring 3 pounds of fresh or frozen (thawed) blackberries a small bucket with a lid for transportation and first fermentation, and a potato masher. Within five days after class, you'll need an empty one-gallon apple juice-type jug. \$21. Held at North Mountain Park.

Collecting Native Seed for Your Garden

August 15, Saturday, 9 am – 12 pm.

We'll explore an area of the Dead Indian Plateau just east of Ashland. Please bring water, a snack, and sunscreen. \$10. Meet at North Mountain Park, and be prepared to drive 20 to 25 miles.

Making Medicinal Body Creams and Salves

Sunday, August 16, 10:30 am – 12:30 pm

A hands-on exploration of the art of making body and face creams as well as healing salves with herbal-infused oils. Simple methods; variety of recipes. Bring clean jars/containers to take home your creations! \$30. Pioneer Hall, Lithia Park.

Siskiyou Project

To learn more about the Siskiyou Project, the Siskiyou Wild Rivers Area, and help it be designated permanent wilderness, see www.siskiyou.org.

the Willapa Bay release location were found along the northern half of the Oregon coast—a location which coincides with the location of all of Oregon’s susceptible estuaries. This southern flow from Washington occurred despite the plume of the Columbia River and the lack of typical summer wind patterns during the summer of 2005. (Some good news: few cards from San Francisco were recovered north of the California-Oregon border, indicating a lower risk of infestation from the hybrid cordgrass *S. alterniflora x foliosa*.)

What can be done for Oregon’s threatened estuarine environments, and the eleven or so counties in Washington that have infestations of one or more species of *Spartina*, and for California’s Humboldt Bay? Here is one solution, which seems at this point (2009) to have brought back Willapa Bay to abundant health:

Florence Caplow: *It took a long time for anyone to realize that there was a problem...but finally there was a rush to stop it. Millions of dollars were thrown at the problem; the biologists tried digging, mowing, plowing, biocontrols—nothing*



Line drawing of *Spartina alterniflora* Loisel.
- smooth cordgrass

USDA-NRCS PLANTS DATABASE / HITCHCOCK, A.S. (REV. A. CHASE). 1950. MANUAL OF THE GRASSES OF THE UNITED STATES. USDA MISCELLANEOUS PUBLICATION NO. 200. WASHINGTON, DC.

worked. Finally they went to pesticides. The two that worked are quaintly called “Rodeo” and “Habitat,” two “less toxic” non-bio-accumulating herbicides approved for aquatic environments. When they combined herbicides with mowing, the *Spartina* was killed. In 2007 and 2008 the people with their sprays and special mowing machines came to my corner of the Bay, and I watched acres of dense grass open up again.

And by this year, 2009, the shorebirds had their habitat back. This part of the Bay teemed with life in a way I had never known...I arrived back at Willapa in early twilight...and heard the thin high calls of godwits nearby. I hurried down through the beachgrass and then stood, stunned at what I saw...shorebirds were everywhere, feeding, calling, flying. Plovers and sandpipers and dowitchers and dunlins. The big shorebirds were there, too: godwits and curlews and whimbrels and willets, their very names a kind of ancient poetry. I had arrived at a place I thought I knew and found it reborn, alive in a way I’d never known.

At the end of 2006, the EPA wrote that “there is now reason to hope it (*Spartina*) may actually be eradicated or at least reduced to small, easily treated patches.” In Oregon, *S. alterniflora* has an ODA rating of “A,” which indicates no herbicides will be used for eradication; *S. patens* has a B rating, indicating herbicides may be employed for eradication.

Florence Caplow: *But what about the herbicides? Even “less toxic” herbicides are still toxic to some extent. Some people fought tooth and nail to keep the spraying away from their beloved Bay. Can I blame them? We’ve made so many mistakes in the past, overlooked effects we didn’t want to know or see. It’s hard even for me to write this; I feel that I’m somehow betraying my own ideals of working in harmony with the natural world. But on the other hand, we made this terrible mess here, inadvertently. A whole system was dying—I saw it with my own eyes—a system that millions of non-human beings depended upon...Could we have said, “Ah, too bad about Willapa Bay and its beautiful shorebirds, its salmon, its ancient harmony. Let it go.”?*

Likewise, can we say about Cox island, Oregon, where the rare *Sidalcea hendersonii* (Henderson’s checkermallow) is directly threatened by *Spartina* encroachment, or any of the other bay and estuary environments of Oregon



Poa macrantha or “seashore bluegrass,” an example of a native grass used to stabilize Oregon beach dunes.

GERALD D. CARR. WWW.BOTANY.HAWAII.EDU/FACULTY/CARR/OPP-INDEX.HTM CAPTURED AT THE 2006 GLIDE WILDFLOWER SHOW

facing this threat, “Ah, too bad...Let it go”? We wonder, along with Florence Caplow:

To what lengths must we go to undo the damage we’ve done? And if to undo the damage we must use a kind of poison, are we right to play with such fire?... These last few weeks I’ve been considering this kind of paradox, one I’m reminded of every time I walk along the shoreline here where I’ve been staying...on the shores of Willapa Bay.

But for now, Florence Caplow has chosen a way of acceptance. It seems, perhaps to most of us, to be the best way available to us right now.

There’s something beautiful about what was done here—a great effort to save a place, beyond human needs. I think that’s what moves me. Maybe we’ll find out it was a mistake. But meanwhile, I listen to the shorebirds happily feeding, and I bow to those who worked so hard to bring them back, mistaken or not: the politicians, the biologists, the

humble people who walked the mud with backpack sprayers, day after day in the rain and wind. Thank you, thank you.

Italicized sections from Florence Caplow's Blog "Slipping Glimpser," May 16, 2009 entry titled "Of Resurrection." Read more at http://zenshin-edz.blogspot.com/2009_05_01_archive.html

Non-italicized sections derived from the U.S. Fish & Wildlife Service, National Wetlands Inventory; U.S. Environmental Protection Agency Data on Invasive Species for Region 10; Oregon Department of Agriculture's Plant Division, Noxious Weed Control; Oregon Spartina Response Plan, March, 2003; Oregon Drift Card Study, 2004-2005.

Umpqua Valley Chapter Member Leads Critical Habitat Description For Two Endangered Plants

Sam Friedman, a regional U.S. Fish and Wildlife Service botanist and Umpqua Valley Chapter member, is charged with meeting a court-ordered July 15th deadline for beginning "critical habitat" descriptions for large-flowered woolly meadowfoam and Cook's desert parsley. Both plants were formally put on the endangered species list in 2002, and since then federal officials and The Nature Conservancy have worked toward increasing the number of remaining individuals.

Also aiding in this effort are the Oregon Department of Agriculture

and Oregon State University, which teamed up to raise desert parsley from seed. Seedlings were transplanted to sites in both Jackson and Josephine counties which have vernal pools and/or seasonally wet meadows. It is too early, according to Friedman, to know yet if plant populations have increased since the initial planting.

Vernal pools are also habitat for the endangered fairy shrimp, but in reassuring landowners in mid-July that they may still graze cattle near such pools, Friedman said "Grazing's not an issue" with the meadowfoam plants, which grow on the edge of vernal pools near the Medford suburb of White City. Research has shown that periodically cropping vegetation is good for the survival of the fairy shrimp populations, which go dormant in mud as seasonal ponds dry up.

Twenty-one known desert parsley colonies are found in Josephine County, including some plants on 111 acres of private land. So-called "safe harbor" agreements may be made by private landowners with FWS; for those who don't, a private land management review would only occur if a federal permit, such as a fill-and-removal permit sought under the Clean Water Act, involved land with a colony of woolly meadowfoam or Cook's desert parsley.

From an article written by Tam Moore which appeared in the July 24, 2009 issue of The Capital Press.

NPSO Items for Sale

Native Notecards. Beautiful, high-quality notecards with art by Terry Peasley, Cheahmill chapter member, are available. Eight cards are offered through NPSO's Cheahmill chapter: trillium horizontal, trillium vertical, fawn lily, red columbine with hummingbirds, varied thrush on oak, kingfisher on red osier dogwood, Bewick's wren on Douglas spirea, and western tanagers on oak. See the cards at <http://www.terrypeasleyart.com/pages/cards>. The cost is \$3 each including envelopes, or 4 for \$10. Contact Marna Porath at P.O. Box 726, Amity, OR 97101, marna@onlinemac.com or 503-835-1042.

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." \$8.00/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 <http://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

Editor Position Available At Year's End

The NPSO *Bulletin* is seeking a new Editor beginning in January, 2010. The position involves editing and proofing copy, gathering articles, and coordinating submissions. The layout responsibilities rest with another individual. If interested, please e-mail the Editor at bulletin@NPSOOregon.org.

Welcome to New NPSO Members!

Between January 11 and July 9 of 2009 the Native Plant Society of Oregon added these new members to its various chapters:

Blue Mountain

David Cammack
Joan Frazee
Susan Malaney

Cheahmill

Jeanne Beck
Pam Bergen
Valdis Boven
James H. Culbert
Mark Fahey
Ray Frost
Matt & Patrice Jordan
Vicki McGillin
Karen Mohling
Pat Schwoch

Corvallis

Steve E. Carpenter
Ann Chiller
Wendy Green
Kerry Hanson
Anne Harding
Jenny Meisel
Rory Nichols
Carol & Gerald Prueitt
Aron Rothstein
Robert Scott
Jean Townes

Emerald

Forest Garden Natives
Monica Cox
Jacquelyn Cupples
Neal Friedt
Matt Groberg
Willow Hill
Keyte Hladky
Christine Miles
Liz Mitchell
Eva Mogart
Andrew Mylko
Krista Rojas
Julie A. Stewart
Julie Unfried
Duke & Carol Vandervort
Sarah Westgate
Helen & Richard Zuelow

High Desert

Kimberly Auker
Connie Brafford
Julie Campbell
Tanya Carlsen
Ilga Eglitis

Sue & Steve Jensen
Elizabeth Johnson
Jenny MacAulay
Spring Alaska Olson
Joyce Padgham
Charmane Powers
Barbara Sands
Lawrence C. Thomas
Marlys Underwood
Carol Wall

Members at Large

Ryan Clearwater
Richard Easterly
Wendy McClure
Debra Salstrom
Tina Taylor

Mid-Columbia

Ann Brown
Julie S. Reynolds
Elizabeth Stanek

North Coast

Lev Babich
Sarah Newton

Portland

Pacific University
Phyllis & Dennis Corrigan
Anne Cullerton
Dennis Deck
Mark T. Grafe
Kate Halpin
Sara Mauritz
Ian Read
Louann G. Siebert
Laurie Smith
Elizabeth Stepp
Linnette Talney

Richard Till
Violet Watson
Wayne C. Weber

Siskiyou

Jessica Donohue
Larry T. Griffiths
Chamise Kramer
Mary Phillips
John & Lorraine Roach
Dana Stedron
Shelley Tanquary
Bruce Taylor
Karen Taylor

Umpqua Valley

Lou Balaban
Tal M. Blankenship
Ron Breyne
Brinsley Burbidge
Valerie Call
Evan Clevenger
Don & Terressa Cramer
Howard & Gail Hodges
Randy & Laura Jertberg
Debra Levings
Julie Loquidis
Lisa & Jerry Sabol
Donna Shaw
Kristine & Ardyce Stolz
Diana Wageman

Willamette Valley

Sharon Leopold

William Cusick

Richard Austin
Samantha Cisney
Cheryl Simpson
William H. Whitaker

EarthShare Seeks New Board Members

It's time again for EarthShare to gain new Board members from among its member organizations. Two openings are currently available. EarthShare by-laws require that 50% plus one of the Board members be from member group representatives, and at this time EarthShare is seeking a senior leader or Board member from groups who have not held an ESOR Board position in the past six years. The last person from the Native Plant Society of Oregon to serve on EarthShare's Board was Shane Latimer, in 2003.

EarthShare is looking for individuals who have executive/managerial level experience in law, finance, marketing, fundraising, management or environmental issues. Volunteers from your organization who hold management level professional positions are welcome to be considered as well. If interested, please contact Kelli Norman at kelliv@peak.org.

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 – \$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	\$ _____
Augusta Rockefeller Memorial Scholarship	\$ _____
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

STATE OFFICERS

DIRECTORS (to 6/2009)..... Lori Kayes, Esther McEvoy, Dave Predeck (to 6/2010)..... Sam Friedman, Laurel Moulton, Judi Sanders
 PRESIDENT David Lebo president@NPSOregon.org; 503-622-3191 ext. 639
 IMMEDIATE PAST PRESIDENT..... Kelli Van Norman past_president@NPSOregon.org; 503-236-8787
 VICE PRESIDENT Dan Luoma 3740 NW Harrison, Corvallis, OR 97330; vice-president@NPSOregon.org; 541-752-8860
 SECRETARY..... David Barts PO Box 2105, Portland, OR 97208; secretary@NPSOregon.org; 503-679-2190
 TREASURER..... Cyndi Dion 897 Hillview Dr., Ashland, OR 97520-3517; treasurer@NPSOregon.org; 541-482-8603

CHAPTER PRESIDENTS

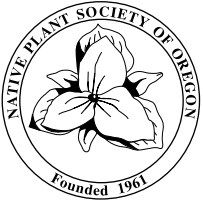
BLUE MOUNTAIN (Pendleton) ... Jerry Baker P.O. Box 662, Athena, OR 97813; bm_president@NPSOregon.org; 541-566-2244
 CHEAHMILL Marna Porath PO Box 726, Amity, OR 97101; ch_president@NPSOregon.org; 503-835-1042
 CORVALLIS..... Matt Blakeley-Smith 812 SW 10th St., Corvallis, OR 97333; co_president@NPSOregon.org; 541-231-9861
 EMERALD (Eugene)..... Brian Basor 571 W. 11th Ave., Eugene, OR 97401-3407; em_president@NPSOregon.org; 707-326-5964
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 KLAMATH BASIN Sarah Malaby kb_president@NPSOregon.org; 541-884-5703
 MID-COLUMBIA Hanna Metzger (secretary) 204 Prospect Ave., Hood River, OR 97031; hannam@gorge.net; 541-386-3268
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 SISKIYOU Cindy Roché si_president@NPSOregon.org; 541-897-0421
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 WM CUSICK (La Grande)..... Jenifer Ferriell 2513 Washington Ave., Baker City, OR 97814; jenifer.ferriell@gmail.com; 541-523-5040

STATE COMMITTEE CHAIRS

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 CONSERVATION, EAST SIDE..... Position vacant
 CONSERVATION, WEST SIDE..... Al Johnson 2827 NE 14th Avenue, Portland 97212; rohan12@earthlink.net; 503-282-4597
 FRIENDS OF OR FLORA PROJECT Linda Hardison..... 2082 Cordley Hall, Corvallis, OR 97331-2902; hardisol@science.oregonstate.edu; 541-737-4338
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 WEBMASTER Norm Jensen webmaster@NPSOregon.org



Send change of address notices
and membership requests to:
Native Plant Society of Oregon
Clayton Gautier, Membership Chair
3927 Shasta View St.
Eugene, OR 97405-4442

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Friends of the Oregon Flora Project

The Oregon Flora Project is developing information about the plants of Oregon. The contributions people give of their time and financial resources are a critical part of our operating budget. If you would like to be a part of the team that makes the OFP the marvellous resource it is, please contact us at ofpflora@oregonflora.org, or phone 541-737-4338.

Note that effective June 30, we no longer have the Friends of the Oregon Flora Project Post Office box (P.O. Box 402 , Corvallis , OR 97339-0402). Please send your written correspondence to: Oregon Flora Project, Department of Botany & Plant Pathology, Oregon State University, Corvallis, OR 97331-2902.

Contributions can be mailed directly to: Agricultural Research Foundation, Oregon State University, 100 Strand Ag Hall, Corvallis, OR 97331-2219. Please make checks payable to the Ag. Research Foundation, and include "Oregon Flora Project-4482" on the memo line.