

Bulletin

of the

Native Plant Society of Oregon

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

VOLUME 46, NO. 10

DECEMBER 2013/JANUARY 2014

NPSO Annual Meeting June 6 - 8, 2014: Oregon's North Coast

Cannon Beach on Oregon's spectacular north coast is the venue for the 2014 Annual Meeting hosted by the Cheahmill Chapter. This charming town, replete with numerous shops, galleries, restaurants, and lodging options, was named for a cannon (from a navy schooner that went aground trying to cross the Columbia River bar) that washed ashore in 1846. William Clark, of the Lewis and Clark Expedition, first laid eyes on the region in 1806 and saw what he called "... the grandest and most pleasing prospects which my eyes ever surveyed, in front of a boundless Ocean..." The

headquarters for our meeting is the Surfsand Resort, situated on the shore of this "boundless Ocean" and within easy walking distance from downtown. Field trips will explore temperate rain forests in the coastal fog belt; a swamp with Sitka spruce, western red cedar, and western hemlock; Coast Range rocky balds, such as Saddle Mountain; and estuaries, dune prairies, sea cliffs, and beaches, each with unique plant communities.

Because of its proximity to Portland, the north coast is one of the state's premier recreation areas, and it includes many historically significant sites, including Fort Stevens, Fort

Clatsop and Cape Disappointment, all units of Lewis & Clark National Historical Park. Small beach communities stretch the entire length of the coast, and numerous parks, trails, and roads penetrate the landscape.

"The potential for further discoveries is excellent." So wrote our Saturday banquet speaker Kathleen Sayce in *continued on page 9*

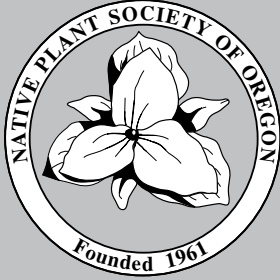
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CRAIG MARKHAM

Saddle Mountain will be the destination for two of our 2014 Annual Meeting field trips. After emerging from the forests below, the trail follows the ridge between the summits, and then ascends steep switchbacks to the top. Find more Oregon scenery online at www.cpmarkham.zenfolio.com.



Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

E-mail Discussion List

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

General Business Address

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

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Bulletin of the Native Plant Society of Oregon

Editor: Erika Wedenoja
Layout Artist: Cat Mead

ISSN 0884-599. Published 10 times per year. Subscription price specified in Membership Form printed on inside back cover page of this issue. Date and issue number on page 1.

The submission date is the 10th of each month for the following month's issue except for the Aug/Sept issue which is July 24 and the Dec/Jan issue which is November 24. Send submissions by e-mail to bulletin@NPSOregon.org.

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

It's Still Renewal Time

The NPSO membership year is January to December. Many of you have already renewed, but if you haven't yet, please do so before February 15, 2014 to ensure that you do not miss out on any of the *Bulletins* or on the 2014 issue of *Kalmiopsis*. Before you send in your renewal, it's a good idea to check the address label on this issue of the *Bulletin*. If it shows 2014 (or a later year) along the top, you are all set for the coming year and do not need to renew now.

It's also a good time to consider a tax-deductible contribution to our special funds. The Leighton Ho Memorial Award is used for research projects in western Oregon. The Rare and Endangered Plant Fund supports work with our most threatened plants. The Augusta Rockafellar and Jean Davis Memorial Scholarships are awarded annually to a botany student at an Oregon college or university. You can also include a contribution to the Oregon Flora Project along with your dues.

Your membership and donations make it possible to carry out more of the many projects that are needed to pursue the goals of NPSO.



Plan Now for Native Plant Appreciation Week

Though the weather outside is frightful, the arrival of spring will be so delightful. While dreaming of spring, it's never too early to start planning for this year's Native Plant Appreciation Week, taking place April 27-May 3, 2014.

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

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



NPSO Seeks Candidates

Please consider taking the opportunity to serve our Society by running for election to one of the state-wide officer or at-large board of director positions. Interested persons and people with ideas for potential candidates may contact Dan Luoma by email (daniel.luoma@oregonstate.edu) for more information.



Erratum

Observant readers may have noticed that the photo caption for dwarf chamaesaracha in the November *Bulletin* referred to the tobacco family rather than the nightshade family. This family, Solanaceae, contains species of tobacco as well as dwarf chamaesaracha.

NPSO CALENDAR

State Notes

NPSO Board Meeting

February 1, Saturday, 10 am - 2 pm

The next State board meeting is being scheduled for February 1, 2014 in Salem or Corvallis.

NPSO Annual Meeting 2014

June 6 - 8, Friday - Sunday

The 2014 Annual Meeting will be sponsored by the Cheahmill Chapter. Join us for a coastal weekend in and around Cannon Beach. Meeting headquarters will be at Surfsand Resort. Look for registration information in the February *Bulletin*.

Blue Mountain

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

Ceahmill

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

January 23, Thursday, 7 pm

Talk: Exploring PNW Sedges – Carex Working Group. Join Richard Brainerd, co-founder of the Carex Working Group, for an engaging presentation exploring the world of Pacific Northwest sedges – a large, widespread, and difficult-to-key genus that plays an important role in wetland and riparian ecosystems across the region. Richard will also discuss the accomplishments of and services provided by the Carex Working Group, including the publication of an expansive field guide to sedges of the Pacific Northwest. Doors open at 6:45 pm for socializing, meeting/program starts at 7 pm. Location: Carnegie Room, McMinnville Public Library, 225 NW Adams St. (corner of HWY 99W and SW 2nd St.). Parking lot entrances on Adams and 2nd Streets. For more information contact:

Luke Westphal, 971-388-9200 or lukewestphal@gmail.com.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Alexis Brickner or Kevin Weitemier at co_president@NPSO.org or 208-921-0827.

December 9, Monday, 7 pm

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

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

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

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

Meeting: Corvallis Annual Winter Party. Join us at the house of Loren and Flo. Please bring slides or digital images of your botanical adventures to show and a dessert to share with the group. Location: 3420 SW Willamette Ave., Corvallis. Contact Loren, loren.russell@comcast.net.

January 13, Monday, 7:30 pm

Talk: Oregon Natives on the Evolutionary Tree. Dr. Priscilla Spears gives us an overview of the angiosperm tree of life and where several natives fit on it, with special attention to the changes in Liliaceae and Scrophulariaceae. Location: Avery House in Avery Park. Contact Kevin, 208-921-0827, for more information.

Emerald

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

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

December 19, Thursday, 7:30 pm

Event: Holiday Social and Slide Show. Bring 10 to 12 digital photos and a snack to share if you wish. Location: Conference Room at Lane County Mental Health, 2411 MLK Blvd., see above for directions. For more information call 541-349-9999.

January 16, Thursday, 7:30 pm

Meeting/Talk: Living History: The Ancient Bristlecone Pines. "Every tree sends fibers forth in search of the wild" (Thoreau). In 2000 Charlene Simpson, Rhoda Love, and Veva Stansell visited the Ancient Bristlecone Pine Forest in the White Mountains near the California-Nevada border. Charlene tells the story of these amazing trees, some of

which have stood nearly 5,000 years at stark high altitudes. Location: Conference Room at Lane County Mental Health, 2411 MLK Blvd., see above for directions. For more information call 541-349-9999.

High Desert

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

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.

December 19, Thursday, 7 pm

Program/Meeting: Ecological Studies of the Northern Oregon Cascades.

Jake Hurlbert will describe the ecology of the Cascades area, mostly from the Estacada drainage up to Mt Hood. He will stress the relationship between the members of the Oregon biota, including mushrooms, plants, and a few insects. Hurlbert has a Masters in Science and Education from Western Oregon University and is a member of several mycological societies in the Pacific NW. Recently, he developed eight regional biota studies of Oregon. Location: Room 1.366, Columbia Gorge Community College, The Dalles.

There will be no meeting in January.

February 20, Thursday, 7 pm

Program/Meeting: Save this date for a presentation by Lindsay Cornelius, stewardship lead for the Columbia Land Trust. Additional information will be in the February *Bulletin*.

Portland

If you would like to receive the chapter's semi-official e-mail newsletter, The Calo-

chortus, e-mail Don Jacobson at donj-photo@gmail.com.

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

Meeting location: The Portland Chapter meets the second Thursday of most months in the Metro Building at 600 NE Grand Ave., Portland. Enter from NE Irving St. on the north side of the building and walk across the upper plaza to the entrance (not the door on 600 NE Grand Ave.). An attendant will let you in and direct you to the meeting room upstairs. Meetings and programs begin at 7 pm.

December 12, Thursday, 7 pm

Members Party: Photo Sharing. Bring your digital photos of native flora from Oregon and beyond for our annual year end celebration of the wildflower season. Bring some holiday goodies to share as well. Meeting location: Metro Building, see above for details. Contact: Mary Smith at alphiesmith@comcast.net or 503-288-4340.

January 9, Thursday, 7 pm

Program: Plants and Penstemons of the Owyhee Mountains and Hells Canyon. Visit these mysterious and fascinating areas along the Idaho/Oregon border with Ginny Maffitt as she digitally brings to life the wildflowers blooming in June. Along with the flora, fauna, and geology of the Owyhee Mountains, Ginny will show the floral hotspots above Hells Canyon, Snake River Canyon, and alongside Blue Jacket Mine. Meeting location: Metro Building, see above for details. Contact: Mary Smith at alphiesmith@comcast.net or 503-288-4340.

February 13, Thursday, 7 pm

Program: Finding David Douglas, an Oregon Cultural Heritage Commission Film. Meet Lois Leonard, director and producer of this hour-long documentary about the 19th century Scottish botanist, David Douglas (1799-1834), for whom our Douglas fir tree is named. Along with a viewing

of this film, Lois will discuss how she researched and filmed this critically acclaimed project. She will also be selling DVD copies of the film. Meeting location: Metro Building, see above for details. Contact: Mary Smith at alphiesmith@comcast.net or 503-288-4340.

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2014, make a suggestion, or provide feedback regarding the field trip program please contact Sasha Joachims at: sasharain71@gmail.com.

December 12, Thursday, 6:30 - 8:30 pm

Holiday Potluck/Program: Propagating Milkweed for Monarch Butterflies. Tom Landis, a local monarch and milkweed expert, will discuss monarch butterflies and the plants they need to survive, native milkweeds. Tom will describe how to propagate milkweeds to assist this declining butterfly. Talk begins around 7:30 pm. Please bring a potluck dish, table service (plate, silverware, glass, cup), and packets of seeds to contribute for the native plant seed exchange. We will also have a natural history/botany/science book exchange. Beer and wine are permitted. Location: Talent Community Center, 206 E. Main in Talent (the old city hall, a large white clapboard building one block from Camelot Theater). Contact Kristi, 541-941-3744. Please bring a food donation for the Talent Food Project.

January 16, Thursday, 7 pm

Program: Historic Trails and Early-Day Botanists of the Siskiyou. Join Justin Rohde as he shares stories about early-day botanists of the Siskiyou Mountains and the historic trails they explored. Location: Southern Oregon University, Science Building RM 171. Refreshments at 6:45 pm, meeting and program at 7 pm. Free. Contact Kristi: 541-941-3744.

Umpqua Valley

Visit www.umpquavalleynativeplants.com for more information on chapter activities or to be added to our e-mail list.

Willamette Valley

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

William Cusick

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



Wildflower Search Website Catalogs 3082 Species

A free internet search program has collated wildflower information from half a dozen of the West's largest herbariums. Developed as a public service by retired Tektronix primary engineer Steven K. Sullivan, www.wildflowersearch.com identifies which of more than 3000 catalogued wildflowers are likely to be blooming during any given week, at any given location west of the Rocky Mountains.

The user can limit the search by clicking on a map to specify the location, or by identifying the flower's color, shape, elevation, or bloom time. The search results include scientific and common names, color photographs, comments, links for more information, a map of the flower's geographic

distribution, and a chart of the flower's bloom time for different elevations. Both native and exotic species are catalogued, so if you want to limit your blooms to wildflowers native to Oregon, you will want to cross-reference with the Oregon Flora Project checklist at www.oregonflora.org.

Although www.wildflowersearch.com is likely to be a convenient tool for scientific researchers, it is primarily designed for amateur wildflower aficionados. One of the website's first uses has been to identify flowers blooming on popular hiking trails at www.oregonhiking.com, a website developed by Steven Sullivan for his brother William L. Sullivan, the author of Oregon's "100 Hikes" series.

OTHER EVENTS

Portland Garden Club

January 16, Thursday, 10:15 am

Talk: David Douglas, a Naturalist at Work. Jack Nisbet, teacher, naturalist and author, will speak about David Douglas. Location: 1132 SW Vista Ave, Portland. Coffee is available at 9:30 am and the program starts at 10:15 am. The public is welcome. For more information: www.theportland-gardenclub.org or call 503-222-2845.

Yamhill SWCD

February 7-8, Friday - Saturday, 9 am - 6 pm

February 9, Sunday, 9 am - 3 pm

Sale: Native Plants. Plants must be preordered by February 1. Preordered plants can be picked up any time during the dates and times listed above at 2200 SW 2nd St., McMinnville. Additional information is available online: <http://www.yamhillswcd.org/usefultips.html>, by phone: 503-472-6403, or

email: admin@yamhillswcd.org.

Benton SWCD

February 22-23, Saturday - Sunday

Sale: Native Plants. Plants must be preordered by February 1, your pick up time on February 22 will be assigned. If you miss the order deadline, visit our Native Plant Market on Sunday, February 23, from noon - 3 pm. All plants will be \$3 each. Cash or check only. Volunteer opportunities are available. Location: The Native Plant Sale and Native Plant Market are both located at 3079 NE Garden Ave., Corvallis. (East of Hwy 20 and north of Circle Blvd). Additional information is available online: www.bentonswcd.org/programs/plant-sale/about-the-sale, or call 541-753-7208.

Northwest Lichenologists

March 26 - 29, Wednesday - Saturday

Annual Spring Meeting. Our 2014 annual spring meeting will be held in Missoula, Montana. We will meet in conjunction with the annual meeting of the NW Scientific Association and the University of Montana College of Forestry & Conservation - Plum Creek Lecture Series. A field trip on lichens of low elevation dolomite cliffs and a workshop on the major genera of saxicolous (rock-loving) microlichens will be offered. Additional information is available online: www.nwlichens.org.



Wildflowers in Poetry and Illustration

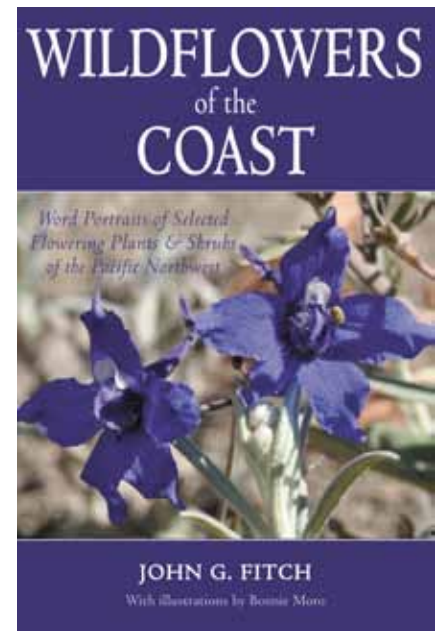
August saw the publication of *Wildflowers of the Coast*, by John G. Fitch. This is a collection of 70 poems, each describing a particular flowering plant native to the Pacific Northwest. Pen-and-ink drawings by Bonnie Moro accompany about 20 of the poems. A unique feature of the book is its integration of poetry with detailed, botanically accurate description. Here is a typical example, John's poem on "Vanilla Leaf."

Vanilla Leaf, *Achlys triphylla*

Often in the forest you will find a carpet
of rounded yellow-green leaves. Among them
are slender spikes of cream-white flowers
like miniature torches in the woodland gloom.
Each leaf is held a foot above ground
by a wiry stem sent up from the rhizome.
Its shape: a circle with scalloped edges
and deep clefts running like spokes to the center,
splitting it into three lobes or leaflets.
To children's delight, if you take out the central
lobe, the remaining two by magic
transform to a pair of angel wings.
First and last the leaf is ghostly.
In spring it emerges furled, an almost
colorless membrane, a delicate fan;
in fall, when the leaf itself is gone,
its veins persist as a lacy network.
Each leaf contains an elusive fragrance:
drying, they release a faint scent of vanilla
or new-mown hay. Once country folk
would collect them and hang them in bunches to perfume
the house and ward off flies and mosquitoes,
and they named the plant Sweet After Death.

John Fitch was formerly Professor and Chair of the Department of Greek and Roman Studies at the University of Victoria. He is a member of the Victoria Natural History Society. Bonnie Moro has previously prepared illustrations for organizations such as the Cactus and Succulent Information Exchange, the Rock and Alpine Club, and the Rhododendron Society of Victoria.

Wildflowers of the Coast is available from Amazon.com for \$8.99. On the Amazon website you can "Look Inside" to see other poems and drawings.



Harvest lily (*Brodiaea coronaria*) illustration from *Wildflowers of the Coast*

BONNIE MORO

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.
2. To promote native plant conservation through better understanding of Oregon's flora and vegetation and the factors affecting their survival.

Research proposals are due annually by March 1. The guidelines are available online at: www.npsoregon.org/grants.html.

For a paper copy of the program policy and guidelines, contact:

Dan Luoma, Field Research Grants
Committee Chair
5 NW Edgewood Dr.
Corvallis, OR 97330
541-752-8860

NPSO Survey - Your Opinion Counts!

The Native Plant Society of Oregon is dedicated to the enjoyment, conservation, and study of Oregon's native plants and habitats. To best fulfill this mission, the Development Committee would like your input. Please visit <https://www.surveymonkey.com/s/DYMCDG5> to participate in a brief survey that will help us understand your needs as a member. Alternatively, send in your answers by hard copy to: Cecile Shohet, 1244 Calypso Court, Ashland, OR 97520.

Your responses will only be shared within the NPSO Development Committee and the NPSO Board.

1. How do you participate in NPSO?

(Select all that apply)

- Chapter meetings
- State board meetings
- Chapter outings or field trips
- Chapter work days
- Plant sales
- Native Plant Appreciation Week
- Educational workshops
- Plant shows
- Citizen's Rare Plant Watch outings
- Attending the Annual Meeting
- Botanical workshops
- I am not a member
- Other (Please describe)

2. What is your chapter?

- Cheahmill
- Corvallis
- Emerald (Eugene)
- High Desert (Bend)
- Klamath
- Mid-Columbia
- Portland
- Siskiyou
- Umpqua Valley (Roseburg)
- Willamette Valley (Salem)
- William Cusick (La Grande)
- I am not affiliated with a chapter
- I am not a member

3. If NPSO offered all of these activities/avenues for involvement, which ones would you be interested in?

(Select all that apply)

- Chapter meetings
- State Board Meetings
- Chapter Outings or Field Trips
- Chapter work days
- Plant sales
- Native Plant Appreciation Week
- Educational workshops
- Plant shows
- Citizen's Rare Plant Watch outings
- Attending the Annual Meeting
- Botanical workshops
- Putting on a scientific conference
- Weekend field-based workshops all over Oregon
- Native plant education with youth
- Advocacy for conservation issues and land use planning
- Promoting native plants in landscaping
- Keeping invasive species out of the nursery industry
- Petitioning ODA to review the status of rare plants in Oregon
- Lobbying for native plant related issues
- Other (please describe)

4. How long have you been involved in NPSO?

- Less than 1 year
- 1- 5 years
- 6-10 years
- 10-20 years
- More than 20 years

5. What's your age group?

- under 20
- 20-29
- 30-39
- 40-49
- 50-59
- 60-69
- 70 and above

6. What is your profession?

7. What are your thoughts about NPSO becoming an organization with a paid staff, initially an executive director, to expand programming by administering and procuring grants for educational and conservation related activities, fundraising, and increasing public awareness of the needs of Oregon's wild flora?

continued on page 8

Survey continued from page 7

8. What aspects of NPSO are most important to you?

9. What would you change about NPSO?

10. How can we attract new members to NPSO, especially in under-represented groups (20-40 year olds, professional botanists)?

11. Any additional comments?

Thank you for your input! If you feel moved to become more involved in helping shape NPSO in the future, please contact Erin Gray (ecgray830@gmail.com).

Native Plant Gardening Resource

Does a garden that requires little work, saves you money, and protects the environment sound good? Then *Going Native – Small Steps to a Healthy Garden* is for you. This book is the latest release from Portland-based author Tammie Painter, aka The Sassy Garden Girl. *Going Native* encourages the use of native plants to build an organic garden that protects native wildlife, conserves resources and keeps chemicals out of the ecosystem.

“Although we may think of our garden as our own little oasis, it’s important to realize that the plants we choose and how we care for them have

long-lasting effects on our ecosystem,” Painter says. *Going Native* is a guide for experienced gardeners who want to revitalize their gardens and for beginning gardeners who want to build sound gardening practices.

Going Native guides the reader through the benefits of a native garden, provides tips on how to plan a native garden, and helps gardeners get their native garden off to the best start possible. In addition, *Going Native* teaches the basics of eco-friendly gardening such as controlling invasive plants, going chemical free, and rethinking the lawn. With over 80 full color photos

and regional native plant lists, *Going Native* provides information for native gardens throughout the US and Canada.

Going Native is currently available online at Amazon, Barnes & Noble, iTunes, and most other book e-retailers. To learn more about *Going Native*, visit Painter's website at www.TammiePainter.com/Going-Native/ or her blog “The Sassy Garden Girl” at SassyGardenGirl.wordpress.com/Going-Native/.



October 2013 Board Meeting Highlights

by Lisa Blackburn, NPSO Secretary

Chapters are to let the Mid-Columbia Chapter know the dates of any flower shows in May or June of 2015 to help them with planning the 2015 Annual Meeting. Membership Report: Matt Morales, Membership Chair, presented a 10-year trend membership report showing there has been no net growth. The High Desert Chapter has been given their start-up funds, and the chapter is up and running. EarthShare Oregon is implementing a straight dues model to reduce their overhead costs, which will require us to amend our membership agreement with them. It is unknown yet what the savings will be. Fellows Committee: No nominations have been received yet; an announcement will be in a future *Bulletin*. A list of all previous Fellows will be put on the NPSO website.

The Board considered no fault liability medical coverage. We can fill out the form and send it in for a quote. In reviewing the form, it was determined that more information will be needed from chapters. By November 15th, each chapter is to submit numbers to Billy Don Robinson regarding the number of meetings and average attendance; number of field trips and average attendance; number of events and

average attendance; number of work parties and average attendance.

Linda Hardison submitted a written citizen plant data gathering concept paper to the Board. This would be a collaborative project with NPSO, Berry Seed Bank, and Oregon Flora Project. Necessary components would be training of outing leaders, educational content for participants, and database development and maintenance of data gathered. They are seeking foundation funding for a half time person. The grant would go to OFP or Berry Seed Bank, since they have the structure to administer the grant. It was moved, seconded and passed to support going forward with this collaborative project.

Development Committee Report: Cecile Shohet has written a *Bulletin* article. The first step is to find out what the memberships wants. A questionnaire will be in the *Bulletin* and also posted on the listserv; the committee wants feedback/comments. Each chapter president should get chapter feedback. Regarding paid staff, NPSO would need to develop a strategic plan. We have received a quote of \$10,000 to write a plan for us; or we could try for a grant from the Ford Family Foundation; or write it ourselves.

Esther McEvoy presented a written report to the Board on Oregon Department of Agriculture (ODA) rare plant funding. The State Plant Conservation Program did not get any funding from the Oregon Legislature this year. A proposal will be made at the Invasive Species Council meeting in November to ask for 1% of the total surcharge fees to go to Invasive Species funding and include the Rare Plant program. If approved by ODA, this would be a more consistent base of funding. NPSO members are encouraged to attend the Invasive Species Council in Salem on November 19-20.

The Board approved having all *Bulletin* issues on the website. Erika Wedenoja has Rhoda Love's *Bulletins* back to 1979. Chapters are to check to see if they have *Bulletin* copies prior to 1979; if so, let Erika know. Billy Don Robinson has recruited a second webmaster, Tresa Horney. It was moved, seconded and passed to give Tresa a complimentary membership. NPSO members are encouraged to submit photos for the 2014 Native Plant Appreciation Week poster. Judi Sanders is asking for committee volunteers.

The next board meeting will be February 1st in Salem or Corvallis.

NPSO Annual Meeting cont'd from page 1

her outstanding article (and source for much of the information presented here), "Botanizing in the Swala-lahos Floristic Area" (*Kalmiopsis* 17, 2010). The Swala-lahos Floristic Area (SFA), which is the focus of our meeting, is part of the larger Coast Range Zone within the Pacific Northwest Rainforest Biome and lies mostly within the summer fog zone. Annual precipitation ranges from 85" at sea level to over 150" at higher elevations and, even though summers tend to be rain-free, in early June we should expect rain (and hope for sunshine).

Most of the forested lands in the region are privately owned and have

been logged repeatedly. Less than 10% of the land is conserved, and the parcels that are protected are small and scattered. Nevertheless, the SFA is an area of high species diversity with many endemics, interesting mixes of boreal, xeric/continental, and California taxa, and unique habitats worthy of protection. Despite being extensively and regularly visited by botanists, this floristic region continues to reveal new plant species and range extensions. Since 1986, the North Coast Land Conservancy (NCLC) has taken a leadership role in protecting habitats and connecting the landscape from the tops of mountains to the seashore. Several trips will be led by NCLC members, who

will focus on their efforts to restore many of these special sites.

If you are unfamiliar with Oregon's Coast Range, you might be surprised at how rugged the topography is. The base of the range is an ancient marine rock surface of Eocene basalt that was subsequently covered by layers of marine sediments and ash and lava from volcanic eruptions. Uplift of this oceanic plate as it docked with the North American plate, followed by continued uplift along the latter's margin, created the Coast Range, which is still crumpling and rising. During the Miocene, Columbia Plateau flood basalts flowed down ancient Columbia

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New NPSO Members

Please welcome these new members who joined NPSO between May 12 and November 23, 2013.

Cheahmill

Marina Kawall Longden
Glenice Rader
Paula Strawser
Luke O. Westphal

Corvallis

Alison Dauble
Marie Martin
Jacqueline L. Peterson

Emerald

Terrye Eames
Maradee & Barry Girt
Thomas Hender
Jeff Krueger
Marti Maynard
Kate Shapiro
Rebecca Shepard

High Desert

Rebecca E. Brown-Thompson
Sarah Garvin
Karen W. Gentry
Desiree Johnson
Lynn Putnam
Patricia R. Serrurier
Liz Thill
John R. Williams

Members At Large

Johanna Blanchard
Kerry M. Byrne
Kim Elliot
Nicole Habecker
Todd D. Kepple
Anna Leslie
Perri McDaniel
Marshall Moser
Melissa Schroeder
Bernie Wood

Mid-Columbia

Bob Hansen
Mary Rollins

Portland

Triffid Abel
Donna Acord
Ben D. Allinger
Oliver Anderson
Elisabeth L. Dally
Laura Dickinson
Amy Goodwin
Kathryn Hart
Claire Hilsinger
Tyler Knapp
Denise Knudson
Emily Matson
JoAnn McEvoy

Mariah Nightfire Currey

Liana Rein
Gregory P. Shine
Barbara Strunk
Janene Walkky
Christopher Ward
Andrea T. Williams
Kirsten Wright

Siskiyou

Kailey L. Albertson
Lisa Chain
Scot Loring

Umpqua Valley

Sandra Beckwith
Patricia Bonsky
Julie Cantrell
Marietta Hess
Adam Miller
Aaron Roe
Anne Smith

Willamette Valley

Patrick Collier
Robbie Earon
Gillian Hearst
Pam & Tom Wetzel

Wm. Cusick

Mark A. Gish

NPSO Annual Meeting cont'd from page 9

River valleys, some flows reaching the ocean and giving rise to what are now the tallest peaks in the area, such as Saddle Mountain (3288'), Angora Peak (2651'), and Onion Peak (3057'). Since the Pleistocene, sea levels have risen 350'. A new subduction zone now pushes under the continent, with attendant earthquakes and tsunamis. The shoreline falls a few meters every few centuries during these events, burying forests. Subsequent erosion, such as from the series of storms that hit the coast in 1997-98, exposes standing dead trees. Such "ghost forests" and buried wood in coastal wetlands are evidence of the last subduction zone earthquake in 1700.

In next month's issue of the NPSO

Bulletin, we will outline each of the field trips and provide registration materials and links to websites for lodging, dining, and more. The Cheahmill Chapter looks forward to hosting the 2014 Annual Meeting on Oregon's beautiful north coast.



Castilleja chambersii is a paintbrush that is endemic to a few peaks of the northern Oregon coast range and may be found on some of the 2014 Annual Meeting field trips.

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NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

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 Chapter (if known) _____

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

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Send completed form and full remittance to:
Native Plant Society of Oregon
P.O. Box 80714
Portland, OR 97280

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

- New Renewal
 Student – \$12 Regular – \$25 Family – \$35
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 Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *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 Fund	\$ _____
Augusta Rockafellar Memorial Scholarship	\$ _____
Rare and Endangered Plant Conservation 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.

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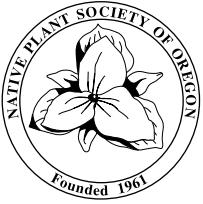
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Friends of the Oregon Flora Project

Challenge Drive to support the 2014 release of *Flora of Oregon Volume 1!*

Did you hear? The first portion of the *Flora of Oregon* is going to be published as a hard-bound book within a year! The OFP staff is committed to having Volume 1 publication-ready by October 2014. It will encompass the gymnosperms, ferns and fern allies, and monocots—twenty-five percent of our flora! Text discussing Oregon ecology, plant communities, and historic collectors will preface the floristic treatments, and original illustrations have been created for many taxa by our staff artist.

Upon sharing this news, a long-time supporter of the Oregon Flora Project has generously offered a **\$20,000** contribution as a challenge to generate the needed support to bring Volume 1 to publication. What an exciting vote of confidence that the many users of the OFP will step up and help support the OFP by matching this donation!

This is the first matching challenge we have had for our annual fundraising campaign in several years. I hope it will inspire Flora Project supporters to give generously, as your donations are a critical source of funding for the OFP program. Look for our letter in the mail, and respond with your contribution to ensure that Volume 1 of the *Flora of Oregon* is soon in your hands!

Checks can be made payable to Agricultural Research Foundation, with “OFP” on the memo line. Please note the new address: Agricultural Research Foundation, 1600 SW Western Blvd Ste. 320, Corvallis, OR 97333.