

Bulletin

of the

Native Plant Society of Oregon

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

VOLUME 48, NO. 6

JULY 2015

Twenty Years, 608 Pages: Producing *Volume 1* of the *Flora of Oregon*

by Linda K. Hardison, Director, Oregon Flora Project

To see page samples from *Flora of Oregon*, visit the May 28, 2015 post on Tanya Harvey's blog: <http://westerncascades.com/2015/05/28/volume-1-of-the-flora-of-oregon-is-done/>

The first volume of the *Flora of Oregon* is now at the printer, and the Oregon Flora Project (OFP) staff is welcoming the feeling of having accomplished a decades-long objective. In reflecting on the process of creating this book, I am reminded of the many exceptional people that contributed to the effort in countless ways. I hope you share in our excitement of reaching this milestone!

Volume 1 presents taxonomic treatments of the 1,054 taxa of pteridophytes (ferns and fern allies, including clubmosses and horsetails), gymnosperms, and monocots (lilies, grasses,

sedges, and others). "Treatments" are comprised of identification keys, detailed descriptions of each taxon, and illustrations. The first volume additionally contains introductory chapters, appendices, a glossary, references, and a taxonomic index.

Volume 1 front material

Being the first of a three-volume flora, we wanted *Volume 1* to include information that provides a context for the encyclopedic work of the floristic treatments. The details of how we prepare and present information are given in the Design and Content chapter, and on a larger scale, in the section outlining the history of the Oregon Flora Project. A collection of biographical sketches of notable Oregon botanists from 1842 to the present recount the oft-time heroic efforts individuals have made in pursuit of their botanical passions.

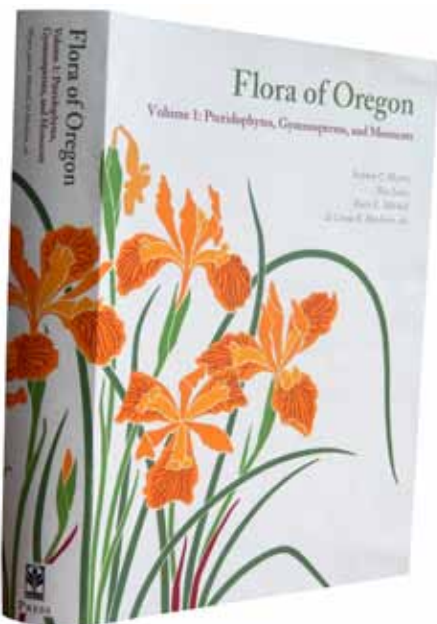
Dennis Albert authored the Ecology chapter; it describes the eleven ecoregions of Oregon and the predominant plant habitats they support. This is followed by "Exploring Oregon's Botanical Diversity," a chapter by Ed Alverson. It presents descriptions of places to visit that are outstanding examples of Oregon's plant communities. Organized by ecoregion, we feel it helps a wider audience appreciate and explore our flora. These two chapters include 69 color photographs to

further entice readers into the field.

Following the taxonomic treatments are appendices that emphasize Oregon's rare and unique taxa. Appendix 1, which lists the plants not treated in the *Flora*, demonstrates the extent to which we document and track the botanical knowledge of our state. A glossary, concise list of references, and index of common and scientific names complete the book.

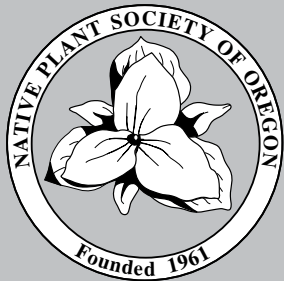
Preparing the taxonomic treatments

Many large floras are collaborative works; the *Flora of Oregon* is no exception, with 20 authors writing treatments for this volume. Part of the challenge that Stephen Meyers faced as OFP's taxonomic director and chief scientific editor was insuring consistency in the writing and tone of the *continued on page 6*



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Native Plant Society of Oregon

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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 and the Dec/Jan issue which is November 24. Send submissions by e-mail to bulletin@NPSOOregon.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.

NPSO Legislative Summary: The Fight to Stop *Arundo donax* Gains Momentum

by Billy Don Robinson, Legislative Chair

NPSO's Legislative Team had a great session, with our bill, HB2183, garnering strong support on Oregon's House Agriculture Committee. Here's what the Salem *Statesman Journal* had to say about it:

statesmanjournal.com/story/tech/science/environment/2015/04/01/oregon-climate-fix-bring-new-problems/70810118/.

Scientific testimony submitted by NPSO and allies poured into the public record. To see it, visit the Oregon Legislative Information System online at <https://olis.leg.state.or.us/liz/2015R1>, click "Bills" at the top right and type HB2183 in the search field. Special thanks to stalwart Legislative Team members Judi Sanders and Kevin Weitemier. They worked very hard, testified brilliantly, and attended multiple hearings and scheduled work sessions. NPSO's legislative agenda is very strong and on track to move the debate onto the floor of the Oregon House in 2017.

Stop *Arundo donax*. Allow no catastrophic degradation of riparian habitats throughout the basin of the Columbia River. Don't forget to 'raze cane!'

Name that Journal

What if NPSO's journal, *Kalmiopsis*, had instead been named *Osmaronia*? Several names were suggested for this journal when Stu Garrett proposed the idea to create it in 1989. You can find several of them in this puzzle. Answers will be in the August/September *Bulletin*.

1.	_____K_____
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CLUES

1. An obsolete genus name that honors an early collector. One of our chapters is named after this collector.
2. The Latinized form of our state name.
3. Oregon produces much of our country's hazelnuts from a Eurasian species in this genus.
4. Our state flower.

continued on page 6

NPSO CALENDAR

State Notes

New NPSO Chapter and State Directors

Filipendula is a newly official NPSO Chapter that will coordinate native plant events along the northern Oregon coast. Look for more information about this chapter in the August/September *Bulletin*.

Two new Directors-at-large have been appointed since the list of new State Board members was printed in the June *Bulletin*. Please welcome Susan Berger and Sam Friedman.

Blue Mountain

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

Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at ch_president@NPSOregon.org.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Jordan Brown at co_president@NPSOregon.org or 253-820-3934.

July 12, Sunday, 9 am-3 pm

Field Trip: Marys Peak. (rescheduled from June) Join Rosalie Bienek and Esther McEvoy on a hike from the campground to the summit and back in a loop through the noble fir forest. We will search for and identify wildflowers. Bring a lunch, dress for the weather, and wear sturdy shoes. Location: meet at the OSU Wilkinson Hall parking lot, SW of the Beanery at 26th and Monroe. Contact Esther for more information: 541-754-0893.

August 15, Saturday, 7 am-late afternoon

Field Trip: Middle Pyramid. Climb Middle Pyramid to see the blue Gentians growing near the top. There are many other wildflowers along the way and the view from the top is spectacular. This is at least a two mile hike up, 2,000' elevation change, with the first part easy and the last part difficult. Bill Sullivan and the FS say this is four miles round trip, but most hikers believe it is closer to six. Bring

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>

lunch and water, walking sticks if you use them, dress for the weather, and wear sturdy shoes. Location: meet at the OSU Wilkinson Hall parking lot, southwest of the Beanery at 26th and Monroe. For information and to RSVP, contact Louise: patch1L@aol.com or 541-753-0012.

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.

July 11, Saturday, 9 am-4 pm

Field Trip: Upper Elk Meadows. Alan Curtis leads this hike, located 30 miles from Cottage Grove. Elevation is 4,000 ft. Over 200 species of vascular plants have been identified here. We expect to see *Frasera umpquaensis* and several orchid species. Surrounding the meadow is an old-growth forest of *Abies amabilis*, *Abies grandis*, and *Pseudotsuga menziesii*. We will walk 1.5 miles through moist meadow. Wear boots and bring lunch and water. Location: meet at South Eugene High School, 400 E 19th Ave.

Filipendula

This is a newly formed chapter for the northern Oregon coast area. For more information, visit our Facebook page: NPSO-Filipendula Chapter, where we post details about upcoming hikes.

July TBD, Saturday, 9 am

Field Trip: Looking for *Carex nudata*. *Carex nudata*, torrent sedge, is known on the lower and middle Nehalem River to just below Hwy 26. We will visit it along the Lower Nehalem River

Loop Rd. off Hwy 26, then work north on several roads along the river, tracing it upstream as far as we can. Expect to see butterflies and many other riparian species during the trip. Planned stops include Lee Wooten County Park. Location: meet in Seaside to carpool. Information will be posted on our Facebook page: NPSO-Filipendula Chapter.

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.

July 11, Saturday

Field Trip: Steins Pillar. Join Sarah Garvin for seed collecting. This pillar is named for Enoch Steen, though it is known as Steins Pillar. Check our chapter website (www.highdesertnpsoregon.org) for details.

July 18-19, Saturday-Sunday

Field Trip: Steens Mountain. This landform was also named for Enoch Steen. Join Lindsey Riibe (researching plants and their importance for the Greater Sage Grouse) and the Portland NPSO chapter. We will be staying at Page Springs and botanizing the Loop Road. Check our chapter website (www.highdesertnpsoregon.org) for details.

July 28, Tuesday

Field Trip: Little Cultis Lake Fens. Explore the fens with Rick Dewey, the Forest Service's bryophyte (moss) expert and wetland enthusiast for the entire Pacific Northwest. Fens are rich in biodiversity and Rick is loaded with information. Come appreciate the minutiae and learn about this unique habitat. A hand lens and rubber boots are recommended. Check our chapter website (www.highdesertnpsoregon.org) for details.

August 15-16, Saturday-Sunday

Workshop: Botanical Illustration. Rebecca Brown-Thompson will teach a sketching workshop with an emphasis on plants. We will cover everything from contour sketching, to seeing

negative and positive shapes, proportions, perspective (made easy), and tonal rendering. Saturday, 9 am to 4:30 pm, will focus on drawing skills in the studio and Sunday will be in the field. There is a \$25 course fee, class size limited to 8. Check our chapter website (www.highdesertnpsoregon.org) for details.

Klamath Basin

For information on the Klamath Basin Chapter, visit <http://klamathbasinnps.com> or contact the chapter president, Kim Eliott, kb_president@NPSOregon.org. 252.

July 18, Saturday, 8:30 am-2 pm

Field Trip: Conifer Caravan. Retired forest service botanist Sarah Malaby will lead this traveling tour to see all 14 conifer species in *Common Plants of the Upper Klamath Basin*, plus a few bonus species. We will make several stops along Highway 140 and the Cold Springs Trailhead road, ending at the top of Pelican Butte. Roads will be suitable for passenger cars until the turnoff to Pelican Butte. Participants who want to make the full trip should either bring a high clearance vehicle with 4WD or plan on carpooling. Lunch, water, and sturdy shoes are recommended. Mosquitoes may be abundant. Location: meet at the US Fish and Wildlife Service parking lot at 1936 California Ave., Klamath Falls. See the chapter website for more information.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at mc_president@NPSOregon.org.

Our regular chapter meetings will recommence on September 17. Thanks to all who helped with the planning and execution of the 2015 Annual Meeting in Hood River. By all reports the meeting was a success. We rock!

August, TBD

Field Trip: TBD. There will probably be a summer hike and picnic sometime in August. Watch your email for details.

Portland

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

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.

July 11, Saturday, 7:30 am

Field Trip: Lookout Mountain, Wash. A moderate 2-mile round trip hike along a rough mountain road with a steady elevation gain of 759'. Hiking sticks help going down. Bring lunch and water. Co-leaders are Don Hardin of the Suksdorfia Chapter, Washington Native Plant Society and Ron Klump, Portland Chapter, Native Plant Society of Oregon. For more information or to sign up for the hike, contact Don Hardin at donhardin2@gmail.com.

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 2015, make a suggestion, or provide feedback regarding the field trip program, please contact Julie Spelletich at: jspelletich@gmail.com. Join us on Facebook at: [facebook.com/SiskiyouChapterNativePlantSocietyOfOregon](https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon).

July 4, Saturday, 10 am-4 pm

Wildflower Show: Irene Hollenbeck Memorial. Lovingly coordinated by the Siskiyou Chapter. Meet some of

our beautiful mountain flowers at this indoor flower show. We are seeking volunteers to help with: flower collecting, show set-up, and plant identification on July 3rd; staffing the show on July 4th; and breaking down the show (and leaving with bouquets) from 4 to 6 pm. Contact Sasha, sasharain71@gmail.com, if you would like to help. Location: Ashland Community Center across from Lithia Park in Ashland.

July 16, Thursday, 4:30 pm

Field Trip: McDonald Peak. Escape the valley heat; walk into the sunset along the Siskiyou Crest with cheese, wine, and wildflowers! Join Adopt A Botanical Area Program Coordinator, Jeanine Moy, and NPSO Siskiyou Chapter President, Kristi Mergenthaler, for an evening walk on the Siskiyou Crest to observe rare and disjunct plants such as the Mt. Ashland lupine, monument plant, Henderson's horkelia and Howell's tauschia. Bring wine or cheese to share! Location: carpool leaves from the Northwest Nature Shop in Ashland at 4:30 pm.

July 18, Saturday, 10:45 am

Hike: Crater Lake. We will hike with CLNP botanist Jennifer Beck to the

summit of Mt. Scott (the highest point in the Park) to see what plants grow in this harsh environment, and discuss the plight of whitebark pine and the Park's efforts to conserve and restore it. It is a strenuous 4.4 miles round trip with a gain of 1250' ft. Afterward, we will drive along East Rim Drive to view some of the Park's rare plants, including the Crater Lake rockcress (*Boechea horizontalis*) and the pumice grapefern (*Botrychium pumicola*). Bring plenty of water, sunscreen, hat, and layers of clothing. Location: meet at 10:45 at the Mt. Scott trailhead on East Rim Drive. A map of the park is available at www.nps.gov/crla, click the "view Park Map" option in the "Park Tools" section in the lower left corner.

South Coast

This is a newly formed chapter. For more information, contact the chapter president, Alexis Brickner, sc_president@NPSOOregon.org.

Umpqua Valley

Visit umpquavallemnativeplants.com for more information on chapter activities or to be added to our email list. Check out our Facebook page, www.facebook.com/

UmpquaValleyNPSO. Not online - call Donna Rawson 541-459-2821.

Willamette Valley

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

July 12, Sunday, 8-11:30 am

Field Trip: Kingston Prairie Hike.

This 52-acre Nature Conservancy Preserve southeast of Stayton is the best example of native prairie remaining in the central Willamette Valley. Both wet and dry habitats harbor native grasses and a host of wildflowers. To register and get carpooling instructions, call John Savage at 503-399-8615 after 7 pm.

William Cusick

Visit our Web site at <http://williamcusick.npsoregon.org> or contact Susan Geer at 541-963-0477 or Emelie Montgomery-Jones at 541-963-3339 for updates and general information. Chapter notices and communications are done primarily through a Google group. Members are reminded to contact Susan or Emelie if they want to be added to the Google group, or if they do not have internet access and want to be contacted by phone for events.

OTHER EVENTS

Coast Fork Willamette Watershed Council

July 28, Tuesday, 5-7 pm

Science Pub: Milkweeds and Monarchs: Creating Habitats with Native Plants. Tom Landis, retired US Forest Service Nursery Specialist, will talk about the basic biology of monarch butterflies, the extent and causes for their recent decline, and provide an in-depth look at what folks can do to create pollinator habitat. Location: Axe & Fiddle Public House, 657 E. Main Street, Cottage Grove. For more information, visit www.coastfork.org.

Leach Botanical Garden

August 13, Thursday, 7-9 pm

Darlingtonia's Home: The Unique Eco-Systems of the Southern Oregon Siskiyou. Erin Riggs and Daniel Newberry will talk about Siskiyou eco-systems and their plants. You will learn how local geology and hydrology combine to make a *Darlingtonia* fen possible. You'll also learn about *Iris in-nominata*, new to science when Lilla Leach discovered it growing in this same region. Leach Botanical Garden's new master plan includes a large water garden, featuring a variety of habitats and plants found in southern Oregon. Cost: FREE. Location: Leach Botanical Garden, 6704 SE 122nd Ave., Portland. For more information, visit www.leach-garden.org.

Siskiyou Field Institute

July 31-August 2, Friday-Sunday

Class: *Eriogonums* of the Siskiyou. Wild buckwheats can be difficult because of the evolution of so many taxonomic variants. Learn *Eriogonum* identification first in the lab, learning keys, reviewing technical terms, and delving into evolution and reproduction. We'll spend day two and three in the field, camping and looking for *E. siskiyouense*, *E. pendulum*, *E. hirtellum*, *E. nudum* var. *paralinum* and others. Location: Selma, Oregon and Siskiyou and Humboldt Counties, California. Tuition: \$225. For registration or more information, visit thesfi.org or call 541-597-8530.

Flora of Oregon, *cont'd*

contributions. Visual consistency came when Tanya Harvey joined our team in 2012, providing editing, design and layout of the manuscript.

The general process of handling a manuscript was as follows: upon receiving the manuscript from an author, Stephen would review the document for scientific content. The keys were tested with herbarium specimens and live material when possible, followed by additional review of the manuscript. OFP staff entered revisions, and Katie Mitchell and Thea Cook assembled and inserted content from our database (ecoregions, elevation range, distribution maps) into the text. More rounds of proofreading, and the Word documents were converted by Tanya into desktop publishing software InDesign files. With many people working on each file and the sheer volume of the project, we did encounter a few panic-inducing moments: losing all existing formatting on the 233-page Poaceae document, and realizing that the active version of a document didn't include another worker's previous edits. Fortunately, we kept backups and were able to troubleshoot the issues and devise a file organization schema that kept us (mostly) on track through the remaining process.

Once the content was in InDesign files, the design component of the project intensified. In order to work with more manageable chunks, the 445 pages of taxonomic treatments were divided into five files. OFP staff artist John Myers composed plates from the 521 plant illustrations. Tanya arranged and rearranged illustrations, maps, descriptions, and keys to make the text flow smoothly. OFP staff and volunteers continued to edit and proofread as we incorporated suggestions from our editor. In an all-day blitz, our staff cross-checked every index entry against its appearance in a print-out of the manuscript.

To the editor

On March 20, after seemingly endless revisions and corrections, Tanya uploaded the completed digital files of the manuscript to our editor. It

was a marked accomplishment and a welcome break while we waited for the BRIT (Botanical Research Institute of Texas) Press editors to send us their edits. The feedback we received from Barney Lipscomb and Brooke Best—both Ph.D. botanists—reflected their editorial skill: they caught errors covering the spectrum from em-dashes and semi-colons to botanical authorities and plant characters. Several iterations later, we were ready for Tanya to generate a final version of files that could be sent to the printer.

It was an exciting and emotional moment to receive the paper proofs—608 unbound pages that were undeniably *almost* our book. Another round of proofreading and still more corrections to make (“How could we possibly have missed *that!*,” we said), and finally the copy was mailed to our editors. The very last changes were inserted, new versions of the files made, and both the paper and digital versions of *Volume 1* were sent to the printer in Korea. Our next correspondence will be BRIT Press acknowledging receipt of 3,000 copies of the hardbound *Flora of Oregon, Volume 1!*

Encore

The completion of *Volume 1* is an enormous achievement for the OFP. We have learned a great deal about producing a book that will help us complete the remaining *Flora* more efficiently. The 3,600 taxa of dicots will be arranged alphabetically and divided into approximately equal sized books: Adoxaceae—Fagaceae (Vol. 2a) and Garryaceae—Zygophyllaceae (Vol. 2b). We anticipate having Volume 2a ready for BRIT Press by the end of 2017.

With five years of targeted effort and direct expenses (artwork, contracts, printing) approximating \$260,000, *Volume 1* of the *Flora of Oregon* represents a significant accomplishment that is derived from twenty years of research, collaborations, and data gathering. The OFP is proud to release this publication, and honored to bring to completion this much-needed reference about the plants of Oregon.

Name That Journal, cont'd

5. The beautiful lilies of this genus tend to have nodding, bell-shaped flowers. One species, endemic to southwest Oregon and northern California, is named for Laura Gentner, who discovered it when she was just 18.

6. This monotypic genus is named for one of Oregon's early botanists, who created and self-published the first regional flora of the Pacific Northwest.

7. A lovely orchid that is found in sheltered areas of conifer forests and shares its name with a sea nymph who held Odysseus captive in Homer's *Odyssey*.

8. The bulbs of this blue bloom were an important food source for Native Americans.

9. Another term for the Pacific Northwest region, this is also the name of a State Park on the South Santiam.

10. Commonly known as dogwoods, trees in this genus have bark that contains a quinine-like drug.



Emerald Chapter Update

The Emerald Chapter is updating our Google group so that Emerald Chapter members get notices of events that come up after the *Bulletin* deadline and have a place to ask and answer each other's questions. We are inviting everyone who is not on our Google group list to join (an estimated 80 people), a few at a time. Please check your spam folders and if you don't receive an invite but want to be on our email list, please email Mary Beth Averill at writeonmba@aol.com with "Emerald GG" in the subject line.

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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Please make checks for dues and contributions payable to:

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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

Sustaining – \$60 Patron – \$125 Life Membership – \$500

Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *Only for those who wish to subscribe, but do not want to have full membership status.*

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.

OFFICERS & COMMITTEE CHAIRS

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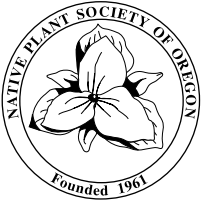
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The 2015 *Kalmiopsis* Is Online!

by Cindy Roché, *Kalmiopsis* Editor

The 2015 issue of *Kalmiopsis* (Volume 21) is posted on the NPSO website (<http://npsoregon.org/kalmiopsis/kalmiopsis05.html#2015>). This issue covers the breadth and length of Oregon from Wallula Gap in far north-eastern Oregon to the remote Owyhee region of southeastern Oregon; north to south along the salt-sprayed rock bluffs of the Pacific coast and along the crest of the Cascade Range that divides western and eastern Oregon. The Plant of the Year is sea bluff bluegrass and the Oregon Plants, Oregon Places article highlights Juniper Canyon in Umatilla County. Two articles give details of newly described species in Oregon: *Fragaria cascadenis*, *Lomatium bentonitum* and *L. ravenii* var. *paiutense*. This issue will be digital only, an environmentally friendly format of PDF files that can be downloaded to a computer or tablet and read on a screen or printed for reading as needed. Be sure to check it out soon.

Friends of the Oregon Flora Project is on the front page this month.