

THE NATIVE PLANT PRESS

The Newsletter of the Central Puget Sound Chapter of WNPS

Vol 18, No 8, November 2017

Chapter Meeting
Thursday, November 2 at 7:00 PM
Mountaineers Headquarters



Program: Climate Change Impacts on Plant Communities in the Pacific Northwest

Thursday, November 2
7:00 pm
Mountaineers Cascade Room

By Janneke HilleRisLambers

Predicting how climate change will influence the plants and animals with which we share our planet is one of the most challenging problems ecologists face. Climate is often assumed to be the dominant force governing species distributions, which leads to the prediction that all species will simply shift their ranges poleward and upward as the planet warms. Locally, plant communities should therefore lose cold-adapted species, while warm-adapted species increase in abundance. However, species differences in climate sensitivity, the impacts of species interactions, and unprecedented rates of climate change paired with limited dispersal and slow demography will add significant complexity to these simple predictions, as will many other factors. A major research goal of the HilleRisLambers lab is to explore these complexities using observations, experiments and modeling. In this talk, I will present some of our most recent work disentangling the many processes that will influence how coniferous forests and wildflower meadows at Mt. Rainier National Park and beyond will respond to climate change.

Janneke HilleRisLambers is the Walker Professor of Natural History in the Biology Department at University of Washington, Seattle. The HilleRisLambers lab uses field observations, manipulative experiments, citizen science, and statistical modeling to study the relationship between climate and species distributions in space (ranges) and time (phenology). Current study sites are in the Pacific Northwest (including Mt. Rainier and North Cascades National Park). See www.meadowatch.org and <http://faculty.washington.edu/jhrl/Index.html> for more details.

Program produced by Sharon Baker and Shelley Evans

Native Plant Identification Workshop

By Nelson Salisbury, Chapter Botanist

(Offered only at Westside Meetings)

A free plant identification workshop is offered before each Westside Chapter meeting at 6:00 pm. While the workshop is oriented primarily toward beginners, anyone who wants to work on improving keying skills or their familiarity with Northwest flora is welcome. Feel free to bring samples of unknown plants for identification, or we'll have plenty of materials and tools if you come empty-handed.

Newsletter Contents

CHAPTER MEETING THURSDAY, NOVEMBER 2 AT 7:00 PM MOUNTAINEERS HEADQUARTERS.....	1
PROGRAM: CLIMATE CHANGE IMPACTS ON PLANT COMMUNITIES IN THE PACIFIC NORTHWEST.....	1
UP AND COMING PROGRAMS.....	2
NATIVE PLANT IDENTIFICATION WORKSHOP.....	1
BOARD REPORTS	2
AWARDS: REQUEST FOR NOMINATIONS.....	2
HOLIDAY PARTY AND STORY SHARING	3
EXPLORING STUDY WEEKEND 2019 – SHALL WE HOST?	3
MEMBERS HELPED PUBLICIZE THE FALL PLANT SALE	4
THE WNPS NATIVE PLANT NURSERY.....	4
EASTSIDE BRANCH NEWS	4
BBG WORK PARTY.....	5
EASTSIDE VOLUNTEERS REPORT	5
VOLUNTEERS	5
CITY OF SHORELINE URBAN FOREST RESTORATION	5
NATIVE PLANT STEWARDS.....	6
CENTRAL PUGET SOUND CHAPTER STEWARDSHIP GRANT PROGRAM.....	6
STEWARD GRADUATES CONTINUING EDUCATION	7
PLANT OF THE MONTH: OREGON WHITE OAK, QUERCUS GARRYANA	8
CENTRAL PUGET SOUND CHAPTER WNPS OFFICERS & COMMITTEE CHAIRS	9
WNPS AND CPS CONTACT INFORMATION	10

Up and Coming Programs

BBG indicates Bellevue Botanical Garden.

MTR indicates Mountaineers Headquarters.

MTR November 2, 2017: Janneke HilleRisLambers presents "*Climate Change Impacts on Plant Communities in the Pacific Northwest.*"

MTR December 7, 2017: Abe Lloyd presents *Coast Salish Ethnobotany and Lessons for Food System Resiliency*. Preview Abe's discussion, at his website, www.cascadianfood.net/contact.

MTR January 4, 2018: Our annual Holiday Party.

MTR February 1, 2018: Lynda Mapes presents *Witness Tree: What the life of a single, 110-year old oak, tells us about climate change*.

Board Reports

Awards: Request for Nominations

Note: Nominations close December 14. Every year our Chapter recognizes exceptional people who have gone beyond expectations to further the goals of Washington Native Plant Society and our Chapter in particular. So again this year we invite our members to nominate individuals for special recognition. We will be honoring the recipients at the Holiday Potluck Party on January 4. (Note the month change for the Holiday Party.) The categories for nominations are as follows:

Professional of the Year: Professional person or organization who, through their profession or personal effort, has made a significant contribution to supporting the mission of WNPS "to promote the appreciation and conservation of Washington's native plants and their habitats through study, education, and advocacy." They may or may not be a member.

Member of the Year: A CPS Chapter member who has demonstrated passion and commitment to the mission of WNPS whether through leadership, service or assistance above and beyond expectations.

Steward of the Year: A person or organization whose stewardship activities to preserve and/or conserve native plants and their habitat or provided educational activities has gone above and beyond what is expected and made a significant contribution to the communities they serve. May or may not be a member and does not necessarily need to be a Native Plant Steward to be nominated.

Nominations close December 14.

If you wish to nominate a person or organization, please provide details to support your choice with a paragraph or two describing their contribution. Include things like; what the person has done, the time they have contributed, the results of their efforts, and the benefit to the Chapter or the Society.

Please submit your nominations to Elizabeth (info@wnps.org). The CPS Board will review nominations and vote on the awards at the December Board Meeting. Receiving nominations before the deadline would be much appreciated.

Holiday Party and Story Sharing

The party is held at the Mountaineers on January 4. At 6:30 PM the doors open and at 7:00 PM the potluck begins.

Each year, the Central Puget Sound Chapter hosts a Holiday Party for members, friends, partners and others to get to know one another or renew old friendships. Cap off the holiday season with good food and good conversation.

It's a Potluck

Please bring a favorite potluck dish to share – choose from appetizers, main dishes, salads, bread and/or cheese, vegetable or dessert. Include a card with a brief description of ingredients for those with dietary restrictions. It will be helpful if you label your dishes and serving utensils so they are returned to you. Mountaineers does not have kitchen facilities

Entertainment: Stay tuned! We're still working on It!

Please Bring

Guests are welcome! Please bring your own plates, glasses, mugs, utensils and napkins. Beverages, including wine, ciders, coffee, tea and water will be provided by CPS, but feel free to bring your own favorite beverage.

Volunteers Needed

We still need a few more volunteers to make this party happen, especially volunteers to help cleanup as well as help with decorations and set up (requires arriving early, 6:00). Help organize food set up.

Contact Elizabeth if you are willing to help with the party as a volunteer, email to info@wnps.org or 206 527-3210. If you are able, come early and help out. Many hands make light work.

Exploring Study Weekend 2019 – Shall we Host?

What is the significance of the dates May 21 through May 23 back in 2010? These are the last dates the WNPS Central Puget Sound Chapter hosted Study Weekend, which was held at Camp Waskowitz, in North Bend, WA. The CPS board of directors is considering hosting this annual event again in 2019, and we are looking for chapter members who can form a committee, a special person to lead the committee to help plan this important weekend of botanizing, learning and networking.

Each year, chapters have contributed their thoughts and experiences to create a 'guide' for planning the event. We will have access to that document and be able to talk to others who have planned their own weekends. We think it might be our turn to host, and we know we cannot do this without new members stepping forward to make it happen. If you are interested, please contact Chrys at sitka.periwinkle@gmail.com.

Members Helped Publicize the Fall Plant Sale

By Jan Bird

Thanks to all who helped publicize our fall plant sale by placing yard signs all around town. We recycle all the metal frames that are returned to us by using them again for the next plant sale. So if you have one that isn't too mangled, please feel free to bring to the next WNPS meeting or event and we will store them until the next sale. Thank you!

The WNPS Native Plant Nursery

By Rick Thompson

The Native Plant Nursery is located in Magnuson Park, near the WNPS office. The nursery maintains an inventory of plants that are offered for sale at one of the annual WNPS plant sales.

Volunteer: The nursery hosts a regular monthly work party on the first Monday of the month from 10:00 AM to 2:00 PM. Additional work parties are scheduled on a as need basis, and are announced on the chapter web page and via the nursery volunteer email list.

Training: The nursery offers on going propagation training opportunities for the native plant enthusiast. The next scheduled training, a seed propagation work shop (supporting the Plant Sale Committee), will be held on Saturday, November 4th at 9:00 am. The workshop will include everything you need to grow plants from seed, including hands on instruction, easy to grow seed, propagation soil, and flats. The PSC asks that you keep the flats you have sown at your home over the winter, and return your flat plant successes to the nursery next spring, for repotting. Afterwards, you can keep half of the plants you have grown.

Donations: The nursery is happy to accept donations of your native plants, 3 to 6" propagation pots, containers, and flats. You can bring your donations to a chapter meeting or drop them off at the nursery. All donations will be put to good use.

If you are interested in information regarding donations, training or volunteering at the nursery please contact me at q.garryana@gmail.com or 206-715-9540.

Eastside Branch News

By Cheryl Wagner

Jennifer Hahn delighted an inquisitive audience of fifty at Bellevue Botanical Garden October 10, 2017 with her presentation "Pacific Feast: Where the Wild Things Are Delicious!" Folks were so interested in the

subject, they stayed until the doors closed at 9 pm. Twenty people out of the fifty folks in the audience were new to WNPS and this included several younger folks and even children. Good to see such age diversity and interest.

Jennifer, forager, wilderness guide, professor and writer, discussed sustainably harvesting a cornucopia of delicious, nutritious seaweeds, wild and weedy greens, berries, and tree tips. She also emphasized the ethics of foraging such as harvesting only one plant if and when twenty plants are present. Jennifer is currently researching seaweed contaminants in the Salish Sea at Huxley College of the Environment. We look forward to hearing about her results as seaweed is an incredible resource.

BBG Work Party

November 13 (10:00-12:00) working with Garden Club colleagues planting and weeding at Native Plant Discovery Garden. Please RSVP to Janka Hobbs at urtica@frontier.com.

Eastside Volunteers Report

By Franja Bryant

Our volunteers were busy in the Bellevue Botanical Garden's Native Discovery Garden last month, so next time you are in the area, check for some exciting changes there. On Friday the 13th, a group from our CPS Eastside Branch and the East Lake Washington Garden Clubs dug out all of the plants in the center section of the Native Discovery Garden and spread topsoil in preparation for an entirely new landscaping plan. Right now, the area looks like Friday the 13th had its horrible way with it, but when some of the natives are replanted this fall and a number of new native species are selected to showcase plants appropriate for home gardens, it will have a brand new, less horrifying and more inspiring look. Watch for these changes as our committed members put their expertise to work. We have regular work parties in the native areas of the BBG and new volunteers are always welcome. Please contact work party chair, Janka Hobbs at urtica@frontier.com if you would like to contribute to this effort.

If there are others on the Eastside doing stewardship projects or community classes on native plant topics, please email details to Cheryl Wagner at javadog8@yahoo.com so they can be included in future editions. Any questions about the Eastside Branch and its activities and opportunities may also be sent to Cheryl.

Volunteers

City of Shoreline Urban Forest Restoration

Join the 2017 Class of WNPS Master Native Plant Stewards and volunteer this fall restoring urban forests across the City of Shoreline! Removal of invasive species is underway, and we need help this fall preparing for and installing native plants in these beautiful and ecologically profound urban parks. We have six different projects and twenty-four work parties to choose from:

Boeing Creek

Second Saturdays from 10am to 2pm
(November 11, and December 9)

- 320 NW Innis Arden Way, Shoreline, WA 98177
- Meet at the [north end of the Shoreview Park Off Leash Dog Park](#), just off the Shoreline Community College campus
- Contact JohnGuenther714@gmail.com to RSVP or for further information

Brugger's Bog

Second Sundays 9am to 1pm

(November 12, and December 10)

- 19553 25th Ave NE
- Meet at the [end of the dirt/gravel path entrance to the park on the bridge](#)
- Contact BruggersBogStewards@gmail.com to RSVP or for further information

Hamlin Park

Third Saturdays from 10am to 1pm

(November 18, and December 16)

- 16006 15th Ave NE, Shoreline, WA 98155
- Meet at the [far north end of the park, next to the NE 166th Street stairs](#)
- Contact Hamlin.Restoration@gmail.com to RSVP or for further information

Shoreview Park

Third Sundays from 9am to 12pm

(November 19, and December 17)

- 700 NW Innis Arden Way, Shoreline, WA 98177
- Meet at the [south end of the Shoreview Park Off Leash Dog Park](#), (at the stairs) just off the Shoreline Community College campus
- Contact ShoreviewRestoration@gmail.com to RSVP or for further information

Twin Ponds (North End)

Third Saturdays from 10am to 12pm)

(December 16)

- 16501 N 155th St, Shoreline WA 98133
- Meet at the [north end parking lot at N 155th St and First Ave NE](#)
- Contact NorthTwinPondsRestoration@gmail.com to RSVP or for further information

Twin Ponds (South End)

Fourth Saturdays from 10am to 1pm / third Saturdays from 10am to 1pm

(November 28) / (November 18 and December 16)

- 16501 N 155th St, Shoreline WA 98133
- Meet at the [south end parking lot along First Ave NE, but north of N 149th St](#)
- Contact TwinPondsSouthHabitat@gmail.com to RSVP or for further information

Volunteer at the CPS/WNPS State Office in Seattle - Magnuson Park Ongoing

WNPS Office at Magnuson Park, 6310 NE 74th Street, Suite 215E, Seattle, 98115

The WNPS office in Magnuson Park is always looking for volunteers to provide valuable, “behind-the-scenes” assistance. Tasks range from a one-shot project to a larger, more complex one. You can work solo or with a group, and every task is tailored to your interest and availability. We also try to make it fun and social. As a result new friendships have already begun. Contact Elizabeth Gage, info@wnps.org

Native Plant Stewards

Central Puget Sound Chapter Stewardship Grant Program

By Cindy Spurgeon

For the past several years, the Central Puget Sound Chapter of the Washington Native Plant Society has awarded Stewardship Grants for projects that support the goals of the Society, namely protection of native plant habitats, identification and maintenance of areas in need of restoration, and education of the public about the importance of native plants and their habitats.

Many project sites have been in parks, at schools or just in “forgotten” places in neighborhoods, and all have been proposed and developed by WNPS members who saw an opportunity to create a living example of not just the importance, but also the beauty of native plants in the landscape.

Many of the projects that have received grants also serve to educate the public about the importance of maintaining healthy populations of native plants and their historic importance to native human populations. Projects for programs in schools are always welcome.

Stewardship grants will soon be available for 2018 and applications will be due by April 15. The maximum amount for each grant is \$500.

For more information, go to http://www.wnps.org/cps/stewardship_grants. There you will find examples of past grant projects and we hope you will take the opportunity to visit some of the project sites.

Steward Graduates Continuing Education

Keep your knowledge and skills sharp with Continuing Education Programs funded by the generous contributions of Jane and John Titland for the WNPS Stewardship Program.

The first two programs will be offered this fall:

Central Puget Sound Restoration: Sharing Steward Ideas

Monday, October 30, 6 to 9pm
Center for Urban Horticulture (CUH)
Isaacson Classroom
3501 NE 41st St.
Seattle, WA 98105

Permits and Regulations: Doing Restoration in Critical Areas

Saturday, December 2nd, Beginning at 10:30am
Shoreline (King County) Public Library
345 NE 175th Street
Shoreline WA 98155

For full information go to the CPS Stewardship page <http://www.wnps.org/npsp/index.html>.



Plant of the Month: Oregon white oak, *Quercus garryana*

By Janka Hobbs

Oregon white oak is native from the Southern end of Vancouver Island (with a few on the SW BC mainland) South to Central California. In Washington State, it is found mostly West of the Cascades and along the Columbia River. Mature *Q. garryana* trees are 10-20 meters tall, with trunks reaching a meter in diameter (they can live for 300 years.)

Garry oaks thrive on the well drained glacial outwash soils in the South Puget Sound prairies. They are fire resistant and shade intolerant; the presence of old oaks indicates that the area is (or was, as in the neighborhoods around Seward Park in Seattle) open prairie land at one time, burned regularly to keep out encroaching evergreens.

Although acorns were not as important a food source this far North as they were in parts of California, they were eaten by several of the South Sound tribes. Some roasted them, and some stored them in baskets buried in mud to leach out the tannins. In small quantities, the acorns were sometimes even eaten raw. Oak bark was also used, as a medicine against tuberculosis. (E. Gunther, *Ethnobotany of Western Washington*.)

Oregon White Oak is a valuable wildlife tree. Many mammals, birds and insects eat the acorns. Large oaks provide nest sites for cavity nesting birds. It is the sole larval host for the *Propertius* duskywing butterfly and for *Bucculatrix zophopasta*, an oak leaf mining moth.

Some of the most interesting denizens of oak trees are the cynipid wasps, several species of which are known to form galls on *Q. garryana*. Some species of cynipids are parthenogenic, with only female members. Some exhibit alternating generations. Each species makes its own recognizable gall, some in the buds, some on the leaves, and some on the stems. Some galls can last 3-4 years, and be home to many species of insects, fungi and other life forms. Oak galls have been used medicinally and as a source of pigment.

Luckily, Garry oak seems relatively immune to Sudden Oak Death, which has been ravaging red oaks in California. In the garden, an Oregon white oak can add interest to a sunny spot in your habitat patch, or grow up to be a stunning and classically shaped shade tree. Plant one today!

Central Puget Sound Chapter WNPS Officers & Committee Chairs

Chair

Chrys Sacco Bertolotto
206-588-1247
sitka.periwinkle@gmail.com

Vice-Chair

VACANT

Secretary

Sharon Baker
206-935-1769 (h)
206-464-1068 (c)
sabaker41@gmail.com

Treasurer

Kris Morse
505-228 9416
Kristine.morse@delta.com

Board Members at Large

Cindy Spurgeon
(Stewardship Grants)
206-632-6432
cspurgeon@msn.com

Grace Stiller
(Salvage Program)
206-795-5783
gracestiller@comcast.net

Digital Media Coordinator

Ted Couillard
206-384-5277
jtheo25@gmail.com

Publicity

Jan Bird
(425) 427-5218
birdandcat@aol.com

Field Trips

VACANT

Programs –Westside

Shelley Evans
206-720-0546
shelley.a.evans@gmail.com

Sharon Baker
206-935-1769 (h)
206-464-1068 (c)
sabaker41@gmail.com

Programs – Eastside

Cheryl Wagner
425-392-0288
javadog8@yahoo.com

Education

Franja Bryant
425-562-0353
franjabryant@hotmail.com

Botanist

Nelson Salisbury
206-372-4255
nelson@earthcorps.org

Botanist Fellow

Stewart Wechsler
206-932-7225
ecostewart@gmail.com

Conservation

Carter Case
425-361-3334
carterdcase@gmail.com

Eastside Team Chair

Cheryl Wagner
425-392-0288
javadog8@yahoo.com

Plant Sale Chair

Yen Flanagin
425-785-1868
yen.flanagin@yahoo.com

Fundraising

VACANT

Stewardship Program

Chrys Sacco Bertolotto
206-588-1247
sitka.periwinkle@gmail.com

Volunteer Coordinator

VACANT

Nursery Chair

Rick Thompson
205-715-9540
q.garryana@gmail.com

Other CPS Contacts**Newsletter Editor**

Rick Bergman
206-372-9816
rickbergman@comcast.net

Refreshments

Dan Paquette
425-486-4927
Jdanj.paquette@gmail.com

Office and Volunteer Coordinator

Elizabeth Gage
206-527-3210
info@wnps.org

WNPS and CPS Contact Information

The WNPS Office Welcomes visitors:

Monday – Thursday – 9:00am to 4:30 pm daily
 Friday – 9:00 am to 1:00 pm, appointment only.
 Please call ahead to confirm availability, especially if traveling a distance.

Office Contacts

Denise Mahnke, WNPS Business Manager, wnps@wnps.org
 Elizabeth Gage, WNPS Office & Volunteer Coordinator, info@wnps.org Phone: (206)527-6310
 Full WNPS Staff Information is available online: http://www.wnps.org/contact_wnps.htm.

Membership

Membership Rates as of November 1 2017

Individual Membership Old: \$35 New:\$40
 Family Membership Old: \$45 New:\$50
 Club or Organization Membership Old: \$45, New:\$65
 Budget Membership \$20
 Student \$20 (name of institution _____)

Email Lists

The State WNPS List is a state-wide list for announcements, news and discussion relevant to native plants and the WNPS.

To join, go to: https://groups.yahoo.com/neo/groups/WNPS_DiscussionGroup/info and hit the "Join" button, or send an email to wnps_discussiongroup-subscribe@yahoogroups.com. It only takes a couple of minutes!

The new group will be "restricted" in that admission to the group must be granted, but messages will be unmoderated. Once you are a member, you will be able to set your personal preferences for receiving messages (e.g., individual messages as they are posted or a daily digest). You will also be able to unsubscribe yourself if and when you desire.

Social Media Resources

Web page: Central Puget Sound Chapter
<http://www.wnps.org/cps/index3.html>

CPS Facebook page: Washington Native Plant Society, Central Puget Sound Chapter
<https://www.facebook.com/wnps.centralpugetsound/>.

For submissions to Facebook page, contact:

Ted Couillard at jtheo25@gmail.com and cc to Jan Bird at birdandcat@aol.com.

Meetup page: Washington Native Plant Society, Central Puget Sound Chapter
<https://www.meetup.com/Washington-Native-Plant-Society/>

Electronic Newsletter Option

Many of you have chosen to receive your Native Plant Press electronically, and we thank you! This will save printing and postage expenses that can better go to our Chapter programs and activities. If you did not receive an e-mail about this option and would like to get the electronic version of the newsletter, please send your request to the CPS Staff Person at info@wnps.org.

Newsletter Submission

The deadline for the newsletter is the first Thursday of the preceding month, exactly one month before the meeting. Send submissions to the editor: Rick Bergman

Email: rickbergman@comcast.net Phone 206-372-9816

Digital photos must be high-resolution or will NOT be accepted.