



## ***Native Plant Society of Oregon***

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

### **Electronic Bulletin**

June 2021 Volume 54, No. 5



*Dalea ornata* in the Painted Hills, 2019. Photo by Cat Mead.

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If you have any questions, please contact us at [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org).

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*Cirsium remotifolium* with native bumblebee. August 12, 2020.

Photo by Cindy Roché.

## Review of the *Flora of Oregon Volume 2* for National Pollinator Week

National Pollinator Week, June 21-27, is a perfect time to appreciate the interaction between native plants and native insects (and other pollinators, such as bats). High Desert Chapter member Basey Klopp is the driving force behind the Bend Pollinator Pathway Project in central Oregon. In recognition that one of the aims of the Oregon Flora is to reach out to a broader audience than plant taxonomists, we asked Basey to review Volume 2 of the *Flora of Oregon*. As you can see by her review of a chapter of the new volume below, the authors of the *Flora* achieved their objective.

### ***Flora of Oregon Volume 2: Dicots A-F***

Stephen C. Meyers, Thea Jaster, Katie E. Mitchell, Tanya Harvey & Linda K. Hardison, eds. 2020. ISBN 978-1-889878-61-4. BRIT Press, Fort Worth, Texas. 861 pp. hard cover. \$85. <https://shop.brit.org/Flora-of-Oregon-2?page=1>

As coordinator of the Bend Pollinator Pathway, I am particularly interested in the relationship of native insects to native plant species. The chapter “Insects as Plant Taxonomists” is an engaging read and a reinforcement of the work that we are doing in central Oregon to establish and connect native pollinator habitats. Organized by plant families within the different plant communities found across Oregon, this chapter is filled with colorful examples of coevolution between plants and their pollinators (both generalist and specialist). Sometimes this involves a trio of organisms that work together; for example, ants defend Boisduval’s blue butterfly larvae feeding on lupine against predators, and a caterpillar-specific virus protects *Ceanothus* plants from infestation by California tortoiseshells.

Native plant and insect enthusiasts will enjoy learning fascinating details about the life cycle of long-tongued bee flies, which are nest predators of solitary bees. Female flies deposit their eggs near the nest opening of a host bee. Upon hatching, the fly larvae enter the nest, feed on pollen, which was stored by the solitary bee to feed its own larvae and, subsequently, the flies devour the bee larvae. Fly eggs that don’t land inside the nest opening hatch, and, guided by scent, the larvae crawl into the nest.

It seems counterintuitive to discover that flowers that attract the most visitors are often the least likely to be pollinated. This is because species-specific pollen that is distributed everywhere by generalist pollinators is less likely to go where it’s needed. Specialist bee pollinators make it more likely that pollen goes to the receptive flowers.

Not surprisingly the threat of climate change looms large over insects. For example, the emergence of a specialist pollinator, the solitary red-tailed baby-blue-eyes spring bee,

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must coincide with the flowering of baby-blue-eyes (*Nemophila*). A warming climate could disrupt this synchrony, endangering both species. This chapter has deepened my interest in native pollinator-plant relationships and fed my enthusiasm for learning more. I am grateful for the myriad of field observations that form the basis of this knowledge of the "little things that run the world." More observation is needed because Oregon's high level of insect and plant biodiversity depends on understanding and protecting native species.

To read the full review, click [here](#).

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## 2021 NPSO Fellow: Tanya Harvey



Tanya grew up in New England, the daughter of avid gardeners. She's been in love with nature, especially plants, as long as she can remember. As a child, she spent as much time out of doors as possible, driven to learn all she could about the natural world. She particularly recalls going on a nature hike and wanting to be like the naturalist leading it. She revealed artistic talent at an early age, filling notebook after notebook with sketches and watercolors. Although she obtained a BA in Mathematics from Dartmouth College in 1980, it was her early passions that led to her career as a multimedia artist and designer who is inspired by nature and the outdoors.

She has held a succession of paid and volunteer positions in graphic design and publishing. She sells and displays her art, craft, and design work on [tanyaharveydesign.com](http://tanyaharveydesign.com), and for many years sold her work at the annual Portland Audubon Wild Arts Festival. Lately, however, she's too busy for the festival. Since 2012 she's been employed by OregonFlora to work on the three-volume *Flora of Oregon*. She was responsible for design, layout, and editing of the two volumes already produced and is now working on the third. She also contributes photos and some illustrations. Many of her photos and species lists appear on the OregonFlora website ([oregonflora.org](http://oregonflora.org)). Tanya's knowledge of the flora of Oregon in general and the Western Cascades in particular is among the most comprehensive of any botanist in the state. She edited every treatment thus far submitted for inclusion in the *Flora of Oregon*, evaluating it from two standpoints: that of an end user of the *Flora* and that of a reviewer or contributor. She also does editing and layout for the remaining volumes of the *Flora of North America*. To read more, click [here](#). - Karl Anderson, Emerald Chapter

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## Call for Nominations for 2022 Fellows Award

The Fellows Award is the highest honor bestowed in our Society, recognizing NPSO members for their exceptional contributions to the Society. The award comes with a certificate of recognition and lifetime membership in the Society.

In addition to honoring the recipient, the Fellows Award informs the general membership of the good deeds and long-time commitment of some members in supporting our mission, as well as outstanding contributions to knowledge of native plants. The award serves to inspire and encourage newer members to make their own contributions to the Society.

We hope that individuals who are approached for nomination for the award will accept this recognition of their accomplishments. It's important for others to understand what it takes to run an organization staffed entirely by volunteers.

Guidelines for Fellows nominations are available online at [http://www.npsoregon.org/documents/NPSO\\_Fellows.4-4-16.pdf](http://www.npsoregon.org/documents/NPSO_Fellows.4-4-16.pdf) or by request from the Fellows Committee at [fellows@npsoregon.org](mailto:fellows@npsoregon.org). Nominations should be submitted to the Fellows Committee at that email address before December 31 (earlier submission is encouraged). Nominations must include an essay describing the nominee's accomplishments and a good quality digital photo of the nominee that is suitable for publication. The Fellows Committee will evaluate nominations that meet the submission criteria and recommend awardees to the State Board. Awards will be presented at the next Annual Meeting; biographies and photos of recipients will be posted on the NPSO website. - *Kareen Sturgeon and Cindy Roché*

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## Oregon Mystery Plant

### Last month's mystery plant revealed:

A big thanks to Marilynne Keyser (High Desert Chapter) who identified the May mystery plant. She said, "Cindy's mystery plant is whitestem blazingstar (*Mentzelia albicaulis*). It is quite common along the middle Deschutes River."

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Photo by Cindy Roché.

## New Mystery Plant

Do you recognize this plant?



This perennial wildflower was photographed on May 19, 2021, along the old wagon road leading up to Duck Creek flat from the Barren Valley in Malheur County, Oregon. The old route crosses the ridge that forms the divide between the Owyhee and Malheur drainages. Surrounding slopes were dominated by bluebunch wheatgrass and there were stands of western juniper in the vicinity. Photos by Cindy Roché.

**Do you have an Oregon Mystery Plant to share?**

Send it to the editor: [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org)

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## Wanted: Volunteers for the *eBulletin*

Seeking new *eBulletin* editor! Responsibilities include correcting grammatical errors, editing for length and content (including fact-checking as needed), and placement in Mailchimp or a similar mailing program. The work takes about 6 hours per month. Please email [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org) if you'd like to help out or have any questions about the responsibilities. Training in Mailchimp will be provided!

NPSO is also seeking contributions from members, such as a short essay on your research or report of a field trip. Your contribution could be a short entry for a plant of the month or mystery plant, a description of a new book you've discovered, or other subject related to Oregon's flora. Submissions must be your own work, not something copied from the internet. Photos must be your own or ones you have obtained permission to use. Please consider sharing your knowledge with other members by contributing to NPSO's monthly *eBulletin*!

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## OregonFlora Resources

As wildflowers bloom across our state's diverse habitats, OregonFlora's resources are a great way to discover more about the plants you encounter.

- The [Flora of Oregon books](#) are the definitive work on the vascular plants of our state. Identify plants using their dichotomous keys, detailed descriptions, and exceptional pen and ink illustrations. Gain context about the flora through the front chapters and appendices covering diverse topics.
- The OregonFlora [website](#) offers interactive tools that let you identify plants, learn where species occur, and peruse thousands of color photographs. Our [Grow Natives](#) section complements the "Landscaping with Native Plants" chapter in Volume 2 and will help you select ideal plants for your garden



or landscape.

- The [Oregon Wildflowers app](#) puts our plant identification tools on your mobile device, untethered to an internet connection. Recent updates have added over 240 species, as well as helpful diagnostic features to hundreds of taxa.

Your financial support allows us to keep adding to the plant diversity knowledge OregonFlora shares, and to keep the content of our website freely available to the public. Charitable contributions are a critical part of our operating budget, which depends 100% on grants and donations. Please give generously to OregonFlora through our online [link](#), or by mailing a check directly to our fiscal sponsor at: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333 (payable to Agricultural Research Foundation, with “OFP” on the memo line). Your support is deeply appreciated! - *Linda Hardison*

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## State Board Notes

### Research Projects Funded

At the May 8th quarterly NPSO Board meeting, the following research projects received funding:

1. Susan Theis (multi-year assessment of native wetland and riparian plant community associations of southwestern Oregon). **Funded for \$750 from the Leighton Ho Memorial Field Botany fund.**
2. David Kofranek (non-vascular plant inventory of Steens Mt.). **Funded for \$750.**
3. Laura Shriver (assessing plant trait response to fire). **Funded for \$750.**
4. Molly Cribari (assessing recovery of forest understory vegetation after clearcut logging in the Siskiyou Mountains). **Funded for \$750 from Frank Lang Memorial funds.**
5. Rebekah Gaxiola (Oregon white oak foliar chemistry and insect herbivore communities). The proposal did not meet NPSO priority guidelines but since it pertains to Oregon white oak, the committee recommended funding \$380. **It was moved, seconded and passed to increase the Field Research Grants budget by \$380 to fund this project.**

We hope to receive reports from each of these projects to share with NPSO members in future *Bulletins*. Please send them to the editor at [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org).

### Election Results for NPSO Board

At the last quarterly NPSO Board meeting on May 8th, President Dan Luoma presented the election results. The 2021 Board members sworn into office include President Dan Luoma, Vice President Gail Baker, Secretary Steven Yeager, Treasurer Michael Hartman, and Directors (to 6/2023) Karl Anderson, Lisa Blackburn, and Margaret Conover.

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Continuing Board Directors (to 6/2022) are Dave Garcia, Linda Hardison, and Bruce Waugh.

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## Chapter Notes

### 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, Lisa Blackburn, at [blackburnlisag@gmail.com](mailto:blackburnlisag@gmail.com).

Check out our Facebook page at <https://www.facebook.com/NPSO.Ceahmill/>.

### Corvallis

For questions, information on upcoming events, or to be on the Corvallis Chapter email list, contact [co\\_president@NPSOregon.org](mailto:co_president@NPSOregon.org). Find us on Facebook at [facebook.com/CorvallisNPSO](https://facebook.com/CorvallisNPSO).

**Saturday, June 5th, 1:00 pm - 4:00 pm**

**Field Trip: Looking for *Delphinium pavonaceum***

Meet at the OSU Oceanography parking lot which is southwest of the Beanery Coffee Shop at 2541 NW Monroe Avenue. Contact Esther McEvoy for more information at 541-990-0948 or [estherco@peak.org](mailto:estherco@peak.org).

**Saturday, June 19th, 9:30 am - 2:30 pm**

**Field Trip: Hike to the summit of Mary's Peak searching for wildflowers**

The hike is about 2 miles round trip with a 570 foot gain in elevation. Meet at the campground on Mary's Peak at 9:30 am. Contact Esther McEvoy for more information at 541-990-0948 or [estherco@peak.org](mailto:estherco@peak.org).

**Saturday, June 26th, 10:00 am - noon**

**Event: Work Party at the native plant garden at Avery House, Avery Park**

Contact Esther McEvoy for more information at 541-990-0948 or [estherco@peak.org](mailto:estherco@peak.org).

**Wednesday, June 30th, 8:00 am**

**Field Trip: Iron Mountain and Cone Peak**

Hike the Iron Mountain - Cone Peak loop, identifying wildflowers in this botanical hotspot. Over 200 species of vascular plants have been recorded across this botanically rich trail west of Santiam Pass. *Wildflowers of the Western Cascades* (Ross and Chambers, 1988) focuses on the flora of this area. A delightful post about the area by Tanya Harvey can be read here: <http://westerncascades.com/2019/06/18/a-rainbow-of-colors-at-cone-peak-and-iron-mountain/>. Tanya's plant lists are here: <http://westerncascades.com/plant-lists/>. The Iron Mt. list is under the "Santiam" heading.

The loop is about 5 miles through moderately difficult terrain and it takes all day since we go so slowly looking at all the flowers. It is about a 1,000 ft. elevation gain, mostly in the first 1/3 of the hike. We will return in the late afternoon. Bring a lunch and water, dress for the weather, and wear sturdy shoes. Location: meet at the 1st and Harrison

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park and ride lot (north of Harrison on 1st). Vaccinations or masks required for carpooling. For more information and to RSVP, contact Dan: 541-752-8860 or [luomad@fsl.orst.edu](mailto:luomad@fsl.orst.edu).

**Saturday, July 10th, 8:00 am**

**Field Trip: Iron Mountain and Cone Peak**

Hike the Iron Mountain - Cone Peak loop, identifying wildflowers in this botanical hotspot. Over 200 species of vascular plants have been recorded across this botanically rich trail west of Santiam Pass. *Wildflowers of the Western Cascades* (Ross and Chambers, 1988) focuses on the flora of this area. A delightful post about the area by Tanya Harvey can be read here: <http://westerncascades.com/2019/06/18/a-rainbow-of-colors-at-cone-peak-and-iron-mountain/>. Tanya's plant lists are here: <http://westerncascades.com/plant-lists/>. The Iron Mt. list is under the "Santiam" heading.

The loop is about 5 miles through moderately difficult terrain and it takes all day since we go so slowly looking at all the flowers. It is about a 1,000 ft. elevation gain, mostly in the first 1/3 of the hike. We will return in the late afternoon. Bring a lunch and water, 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. Vaccinations or masks required for carpooling. For more information and to RSVP, contact Dan: 541-752-8860 or [luomad@fsl.orst.edu](mailto:luomad@fsl.orst.edu).

## **Emerald**

Visit the Emerald Chapter website at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists, and botanical information about Lane County plants and the people who love them. Our Facebook page is <https://www.facebook.com/emerald.npso/>.

**Saturday, June 12th, 10:00 am - 12:00 pm**

**Field Trip: Kinney Park**

Ed Alverson will lead this walk. Kinney Park is a small (20 acre) natural area near Spencer Creek with a great deal of habitat diversity, including wet prairie and ponderosa pine woodland. We will explore the park's late spring flora and examine the recovery of wet prairie following a woody vegetation clearing project. Meet at the intersection of Playway and Restwell Roads, off Gimble Hill Road. In response to public health concerns, group size will be restricted according to county guidelines; attendees must pre-register, wear a mask, keep socially distant along the trail, and attend only if they are free of symptoms. All trips will proceed rain-or-shine so please dress for the weather. Sign up [here](#).

**Monday, June 14th, 7:00 pm - 8:00 pm**

**Program: Zoom Dessert Social**

All members of Emerald Chapter are invited to add input for future topics and speakers for programs and field trip destinations. Please join us. Zoom link provided closer to date of event.

**Saturday, June 19th 10:00 am - 2:00 pm**

**Field Trip: Horse Rock Ridge**

Join former BLM botanist Alan Curtis on his annual 3-mile hike to a steep, rocky meadow

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high in the Coburg Hills north of Springfield. This area is a grassy “bald” (treeless area) surrounded by forest with a great diversity of plant species that includes both Willamette Valley plants and ones found in the montane zone of the Cascade Range. Elevation ranges from 1500 ft. to 2800 ft. A basaltic dike extends more than 100 meters down the slope. Wear boots and bring lunch and water. This area has been designated as a “Research Natural Area.” In response to public health concerns, group size will be restricted according to county guidelines; attendees must pre-register, wear a mask, keep socially distant along the trail, and attend only if they are free of symptoms. All trips will proceed rain-or-shine so please dress for the weather. Meet at South Eugene High School northeast parking lot. Sign up [here](#).

## **High Desert**

For information, visit the High Desert Chapter website: [www.highdesertnpsoregon.org](http://www.highdesertnpsoregon.org) and Facebook page: [Native Plant Society of Oregon: High Desert Chapter](#), or email [highdesertnps@gmail.com](mailto:highdesertnps@gmail.com).

**Wednesday, June 9th, noon**

**Online Program: Native Plants to Save our Insects and Birds**

Presenter: Doug Tallamy

Attention native plant enthusiasts! We are gearing up for a local (albeit virtual) presentation from Douglas Tallamy, the author of *Bringing Nature Home* and *Nature's Best Hope*. An entomologist by training, Dr. Tallamy preaches the gospel of gardening with native plants to save our birds, insects, and all manner of wildlife from extinction. The High Desert Chapter and the High Desert Museum are partnering with the Bend Pollinator Pathway to bring Doug's talk to central Oregon.

<https://highdesertmuseum.org/events/natures-best-hope/>

**Saturday, June 26th, 9:00 am - 3:00 pm**

**Event: Central Oregon Wildflower Show & Pollinator Festival**

Just in time for National Pollinator Week (June 21-27), the Central Oregon Wildflower Show & Pollinator Festival has been set for June 26 at the Sunriver Nature Center from 9 to 3. The cost is \$10, but if you volunteer to assist with setting up the show, you get to see all the flowers at their freshest. We are looking for chapter volunteers to assist in a variety of tasks. Link to more information: <https://snco.org/event/wildflower-show-pollinator-festival-2021/>

## **Klamath Basin**

For information on the Klamath Basin Chapter, contact [kb\\_president@npsoregon.org](mailto:kb_president@npsoregon.org), visit our website: <http://klamathbasinnps.com>, or find us on Facebook: [Klamath-Basin-Chapter-Native-Plant-Society-of-Oregon](#).

## **Mid-Columbia (currently inactive)**

For information on the Mid-Columbia Chapter, contact [mc\\_president@NPSOregon.org](mailto:mc_president@NPSOregon.org).

## **Portland**

Our members receive *The Calochortus*, our monthly e-newsletter with field trips,

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programs, news, and events for the Portland area. If you are not receiving it, check your spam folder and notify us at [npsopdxchapter@gmail.com](mailto:npsopdxchapter@gmail.com) of any email address change. You'll also find our monthly programs and additional field trips posted on our Meetup page at <https://www.meetup.com/NPSO-Portland/>. Our Facebook page is regularly updated with current wildflower bloom status and photos; visit <https://www.facebook.com/npsso.portland/>. Visit our chapter website at <https://portlandnativeplants.org/>.

Our monthly programs are now "Virtual." Members will find a link to register for our second Thursday Zoom presentations in each issue of *The Calochortus* newsletter and below. There will be no programs in July & August when the Board takes a summer break.

**Saturday, June 6th, 9:00 am - noon**

**Event: Fundraiser for Volume 3 of the *Flora of Oregon!***

The wonderful native plant nursery on Sauvie Island, Sauvie Island Natives Nursery (10 miles west of downtown Portland), is offering an invitation to a sunset tour of their restored habitat acreage with a spring-fed pond. After that, we can share a picnic and choose PNW native plants for our homes or businesses from an excellent selection at low prices. 25% of the proceeds will be donated by the founder, Jane Hartline, to the Oregon Flora Project to publish the 3<sup>rd</sup> volume of the *Flora of Oregon*, 60 years after the last reference book for the native plants came out.

Registration required by the nursery; email to be posted in the June *Calochortus* newsletter for Chapter members.

## 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](mailto: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, make a suggestion, or provide feedback regarding the field trip program, please contact Katelyn Detweiler, [detweiler.katelyn@gmail.com](mailto:detweiler.katelyn@gmail.com). Join us on Facebook at: <https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>.

The Siskiyou Chapter has a YouTube channel, check it out at: <https://www.youtube.com/channel/UCXFI2J9yp2AYmUzNz0jLLSw>.

## Umpqua Valley

Visit [umpquavallevnativeplants.com](http://umpquavallevnativeplants.com) for more information on chapter activities or to be added to our email list. Check out our Facebook page, [www.facebook.com/UmpquaValleyNPSO](https://www.facebook.com/UmpquaValleyNPSO). Not online? - call Donna Rawson at 541-643-0364.

## Willamette Valley

For program information, contact John Savage at 503-779-5414, [wvnpso@gmail.com](mailto:wvnpso@gmail.com).

## William Cusick

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Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or [susanmgeer@gmail.com](mailto:susanmgeer@gmail.com). Find us on Instagram at [instagram.com/wm.cusick.chapter](https://www.instagram.com/wm.cusick.chapter). Our website is not currently functional.

## Native Plant Interest Groups:

### Filipendula

For more information, visit our Facebook page: [NPSO-Filipendula Chapter](#)

### NPSO State Officers

- President: Dan Luoma, [president@npsoregon.org](mailto:president@npsoregon.org)
- Immediate Past President: Lisa Blackburn, [past\\_president@npsoregon.org](mailto:past_president@npsoregon.org)
- Vice President: Gail Baker, [vice-president@npsoregon.org](mailto:vice-president@npsoregon.org)
- Secretary: Steven Yeager, [secretary@npsoregon.org](mailto:secretary@npsoregon.org)
- Treasurer: Michael Hartman, [treasurer@npsoregon.org](mailto:treasurer@npsoregon.org)
- Directors: Dave Garcia, Linda Hardison, Bruce Waugh, Karl Anderson, Lisa Blackburn, and Margaret Conover

### Committees & Chairs

- Budgets and Grants: [Dan Luoma](#)
- Conservation: [Dawn Anzinger](#)
- Friends Of The Oregon Flora Project: [Linda Hardison](#)
- Legislative: Vacant
- Membership: [Margaret Conover](#)
- NPSO Fellows: [Cindy Roché and Kareen Sturgeon](#)
- Rare & Endangered Plants: [Jason Clinch](#)
- Publications: [Cindy Roché and Kareen Sturgeon](#)
- Bulletin Editor: [Cat Mead \(interim\) and Jamie Menzel](#)
- Webmaster: [Sunia Yang](#)
- More information about our NPSO Fellows [here](#).

Chapter Presidents and contact information [can be found here](#).

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