



HAPPENINGS

The Quarterly Newsletter of the Arizona Native Plant Society
Our mission is to promote knowledge, appreciation, conservation
and restoration of Arizona's native plants and their habitats

Join Any Chapter E-List

The best way to keep up with the latest AZNPS events is to join the chapter e-list, which notifies members about meetings, events, conferences, field trips, workshops, and volunteer opportunities in the area. Don't forget to keep us updated on e-mail address changes. To be added to any chapter e-list, send your name and e-mail address to:

Cochise	Doug Ripley	aznpscochise@gmail.com
Flagstaff	Susan Holiday	naris123@cs.com
Peach Springs	Carrie Cannon	Carrie.Cannon@hualapai-nsn.gov
Phoenix	Lisa Rivera	aznpsphoenix@gmail.com
Prescott	Sue Smith	PrescottNativePlantSociety@gmail.com
Santa Cruz	Robin Kulibert	santacruz.aznps@gmail.com
Tonto Basin	Becky Settje	tontobasinnativeplants@gmail.com
Tucson	Jack Dash	nativeplantstucson@gmail.com
Upper Gila	Nathan Cline	uppergilaaznps@gmail.com
White Mountain	Jess Rollar	aznpswhitemountain@gmail.com
Yuma	Valerie Morrill	yumaaznps@gmail.com



Save the Dates!

Announcing Grass Identification Class

Back by popular demand, the AZ Native Plant Society and the University of Arizona Herbarium will offer a two-day combination lecture and hands-on workshop for students serious about doing grass ID work. The course goals are to impart sufficient knowledge for students to make wise decisions regarding collection of grasses, to provide complete information on grass morphology, and to teach the use of keys for identification of most Arizona species. Handout materials, dissecting scopes, tools, and pressed grass specimens for study will be provided. The first day will be lecture mixed with hands-on work. The second day can be for review if needed or desired and questions, plus working with keys from various references.

Total enrollment for the class is 18 students. Last year the class filled rapidly, and a waiting list was established. This year we will consult the 2023 waiting list and offer class slots to individuals on last year's waiting list and who wish to take the course this year.

Instructors: Mike Bauer with assistance from several AZNPS members, Dr. Shelley McMahon, Herbarium Curator and Associate Professor, UA, and George Ferguson, UA Herbarium Collections Manager.

Sponsors: University of Arizona Herbarium and Arizona Native Plant Society

When: August 16 and 30, 9:00 AM to 3:00 PM

Where: University of Arizona Herbarium, Herring Hall

Cost: \$40

For Registration Contact: Douglas Ripley, jdougripley@gmail.com, 520-909-3132



Announcing the Botany 2024 Conference

The Arizona Native Plant Society will hold its annual Botany 2024 Conference, the first in-person meeting since 2019, on 17 and 18 August. The venue for the conference will be the comfortable Center for Performing Arts at the Pima Community College (West Campus) in Tucson. The campus is easily accessible from I-10 and offers abundant free parking.

The conference agenda will include oral and poster presentations from 9:00 AM to 5:00 PM on Saturday, 17 August. A continental breakfast will be offered from 8:30 to 9:00 AM on Saturday with a catered lunch at noon.

On Sunday, August 18, several guided field trips will be offered to local areas, such as Tucson Mountain Park, Mount Lemmon, Catalina State Park, Ironwood Forest NM, and Tumamoc Hill. Attendees may also wish to visit independently some of the other natural history attractions in the Tucson area such as the Arizona-Sonora Desert Museum, the Tucson Botanical Gardens, and the Tohono Chul Botanical Gardens and Gallery.

The conference committee is currently developing ideas for a conference theme and lining up potential speakers. Specific details about the conference agenda and registration information will be made available soon on the AZNPS website and through direct communications to Chapters and individual members.



Center for the Performing Arts, Pima Community College (West Campus), Tucson.



**Call for
Presentations/Posters**



**The Arizona Native Plant Society
and
The Pima Community College
West Campus, Tucson**

Present

***The AZ Native Plant Society
2024 Annual Symposium
17 and 18 August 2024***



Help us explore Arizona's remarkable botanical diversity by presenting oral presentations or posters on any topic related to the Arizona native biota.

Request for Titles and Abstracts

Presentation abstracts are currently being accepted for the AZ Native Plant Society 2024 Annual Symposium to be held at the Pima Community College on 17-18 Aug 2024. Oral presentation may be submitted for a 30 minute or 15 minute talk. Abstracts for oral and poster presentations will be accepted through **July 17, 2024** and you will be notified via email whether your abstract has been accepted.

Forward your Proposed Abstract to:

Douglas Ripley
jdougripley@gmail.com
P.O. Box 2071
Benson, AZ 85602

Please indicate in the subject line whether you are submitting for an oral or poster presentation. If you are submitting for an oral presentation, indicate the length (15 or 30 minutes) and whether you will accept a poster presentation. Example subject lines:

AZNPS: ORAL (15 or 30 minutes)

AZNPS: ORAL (15 or 30 minutes) – WILL ACCEPT POSTER

AZNPS: POSTER

Submittal Guidelines:

- Presentation Title
- Author(s); Presenters should be marked with “*”.
- Affiliations, Mailing Address (if more than one, please list affiliations and addresses separated by semicolons)
- Contact email
- Contact phone number (s)
- Abstract (250 word maximum)



Pinaleño Mountains
Graham County, AZ

Chapter News

Cochise Chapter



As has been explained in the most recent issues of *Happenings*, the Cochise Chapter has been in an inactive status for the last two years. Chapter president Doug Ripley has been trying for the last year to find a way to return the Chapter to an active status. The principal need is for volunteers to serve in the various officer positions, especially the president. Doug Ripley has been the chapter president since its inception in 2010 and now finds it extremely difficult to continue in that role single handedly. Furthermore, he plans to move from Cochise County within the next 12 months. Efforts at recruiting members to help run the chapter have been unsuccessful. Consequently, Doug proposes that the Cochise Chapter be officially designated by the AZNPS Board of Directors as an inactive chapter. This would leave open the possibility of quickly reopening the chapter if sufficient leadership came forward.

The Chapter has established a Facebook website (<http://www.facebook.com/AZNPScochise>) where much useful information about the chapter and its members is posted.

Chapter Offices

President: Douglas Ripley (jdougripley@gmail.com); Vice President: vacant; Secretary: Deann Sanner (longeyesone@gmail.com), Treasurer: Pat Sullivan.



Sonoran Desert. Photo: Shelley Silva

Flagstaff Chapter



The Flagstaff Chapter offers in-person meetings this year with the option to watch from home via Zoom. The meetings will still take place on the third Tuesday of the month, March through October, at 7:00 PM.

We have a new location! The meetings are now being held at Highgate Senior Living Center at 1831 N Jasper Dr. on McMillan Mesa. Park anywhere in the parking lot or on the street. Buzz to be let in if the door is locked and come upstairs to the second floor.

Some of the meetings have been recorded and can be viewed the Flagstaff Chapter's Facebook or at The Arizona Native Plant Society website or YouTube channel. For details about upcoming meetings, please see our email distribution list (naris123@cs.com), Facebook page, or AZNPS.com.

Register in advance once in order to attend any of the meetings virtually:

https://uso2web.zoom.us/meeting/register/tZwsfumpqjkqG9Pfnq_NUM33A-2Ncv9G9NA2

After registering, you will receive a confirmation email containing information about joining the meeting.

Chapter Offices

President: Kirstin Phillips (flagstaffAZNPS@gmail.com); Chapter Contact: Melissa Amberson (azmelissa@yahoo.com); Email Distribution: Sue Holiday (naris123@cs.com); Hike Information: Barbara Phillips (bagphillips@yahoo.com)

Meetings

Tuesday, June 19, 7:00 PM: Wendy McBride. *Conserving Rare Plants and Their Pollinators*



The need for information on the basic biology, including reproductive systems and pollination ecology, of rare species is integral to both species- and community-level conservation efforts. Angiosperms are often dependent upon interactions with animal pollinators for successful reproduction, and pollinators are often reliant upon plants for vital food and other resources. This talk explores the pollination ecology of two rare plants occurring in Arizona, *Erigeron rhizomatus* (Zuni fleabane), and *Sphaeralcea gierischii* (Gierisch's globemallow), and the tightly bound relationship between plants and their pollinators. This mutual dependence informs conservation efforts and reminds us of the complexity of organisms, their intricate connections and interconnected fates, much of which we still do not understand despite our impacts on the environment around us.

Wendy is a botanist based in Flagstaff. She has a background in teaching, independent botanical research, and working as a consulting botanist. She has been working with plants for 18 years and enjoys opportunities to learn more about plants and explore their biology, ecology, and taxonomy.

Tuesday, July 16, 7:00 PM: Jesse Duff-Woodruff. *Plants Endemic to the Kaibab National Forest*

Tuesday, August 20, 7:00 PM: Zane Robertson. *Rumex orthoneurus*



Rumex orthoneurus is an herbaceous riparian perennial within the Polygonaceae or Buckwheat family native to Arizona and is a Forest Service sensitive species. One of the issues regarding the “threatened” status of *R. orthoneurus* is the taxonomic distinctions between *R. orthoneurus* and closely related species, such as *R. densiflorus*, *R. pycnanthus*, and *R. occidentalis*. My research focuses on using ribosomal RNA extracted from herbarium specimens, GenBank sequences, and other historic records to provide insight on the identity of *R. orthoneurus* and better inform conservation efforts.

Zane Robertson is a Plant Biology and Conservation M.S. graduate of Arizona State University. His interest lies in rare plant conservation and molecular biology, and his thesis focuses on combining historic and molecular techniques to clarify the identity of the rare plant *Rumex orthoneurus*. He is from Mukilteo, Washington State, where he first gained interest in plant biology while volunteering at the community garden. He graduated from Everett Community College within the Ocean Research College Academy program, where he gained an interest in research and the principles of conservation within the natural world. During his time at Montana State University, he studied wheat breeding and tested a quantitative trait loci (QTL) from spring wheat varieties to identify the effect of the QTL on different traits. He is currently working as a Conservation and Land Management Program (CLM) Intern with the U.S. Forest Service at Tonto National Forest and Chicago Botanical Garden.

Field Trip

Sunday, June 23: Susan Holiday. *Mt. Elden Agaves*



Join Susan Holiday as she shows us native *Agave parryi* (Parry’s Agave) that grow in the “banana belt” of Mt. Elden. Contact Susan at naris123@cs.com for specific details.

Hakdagwi:va Peach Springs Chapter



Meetings are held the second Wednesday of each month from 5:00 - 7:00 PM. For location and additional information, contact Carrie Cannon (Carrie.Cannon@hualapai-nsn.gov).

Chapter Offices

President: Carrie Cannon; Secretary: Shaileen Gonzalez; Treasurer: Alicia Cesspooch

Phoenix Chapter



To stay up to date on Chapter activities and announcements, please subscribe to our **email list** by writing to our chapter email (aznpsphoenix@gmail.com).

We also share a variety of native plant news and information on our Facebook page (facebook.com/aznpsphoenix) and our Chapter web page (aznps.com/chapters/phoenix).

Follow our chapter on Instagram (<https://www.instagram.com/aznpsphoenix/>) and use the hashtag #aznativeplants on your plant photos to help us showcase the beauty and importance of Arizona native plants!

Chapter Offices

President: Lisa Rivera; Treasurer: Danielle Carlock. We can be reached at aznpsphoenix@gmail.com.

Upcoming Activities

The Phoenix Chapter hosts events periodically throughout the year. Chapter events will be announced to our email list subscribers at least two weeks in advance.

We are in need of members to help plan our activities. If you are interested in assisting with the planning, organizing, or facilitation of Phoenix Chapter events, or would like to learn more, please contact Lisa Rivera (aznpsphoenix@gmail.com).

Prescott Chapter



The chapter continues to manage species growing in Walnut Meadow at the Highlands Center for Natural History, provide workshops on plant families, make seed balls to help with Prescott National Forest restoration, and schedule evening programs.

Chapter Offices

President: Sue Smith; Steering Committee: Jeannie Tutone and Sara Vincent. We can be reached at PrescottNativePlantSociety@gmail.com.

Santa Cruz Chapter



Monthly presentations are held on the third Thursday of the month from 6:00 - 7:30 PM. Our presentations at this time are all virtual via Zoom.

The URL is zoom.us (not zoom.com). The meeting ID is 874 9175 9629 and the “waiting room” security function will be used.

To stay up to date on chapter events, you can be added to our email list and/or follow our [Facebook page](https://www.facebook.com/aznpssantacruz) (<https://www.facebook.com/aznpssantacruz>). Send an [email](mailto:santacruz.aznps@gmail.com) (santacruz.aznps@gmail.com) to join our mailing list or for any other questions.

Chapter Offices

President: Robin Kulibert; Vice President: Rick Kulibert

Tonto Basin Chapter



The AZ Native Plant Society Tonto Basin Chapter invites anyone interested in learning about native plants in Gila County to join us for chapter meetings, botany walks, and conservation activities.

Our chapter meets on the first Friday of each month, October through May, and includes guest speakers, botany walks, and field trips. Please join our email list at tontobasinnativeplants@gmail.com to receive up-to-date information and meeting reminders. You can also visit our [Facebook](#) and [Instagram](#) accounts for additional information.

Chapter Offices

President: Becky Settje; Vice President: Teri Balaska; Lead Botanist: Eric Sjoden

Tucson Chapter



The Tucson Chapter meets on the second Thursday of each month, from September to May. We resumed in-person meetings in a hybrid format that allows folks to join us on a Zoom interface if they prefer. Watch our [chapter page](https://aznps.com/chapters/tucson/) (<https://aznps.com/chapters/tucson/>) on the website for more information.

If you are not on our mailing list and would like the link for a meeting, [email](mailto:nativeplantstucson@gmail.com) (nativeplantstucson@gmail.com) us the week before the meeting requesting the zoom link. Videos of past meetings can be viewed on our [YouTube channel](https://www.youtube.com/channel/UCVBSV1oOi6enVYcI2CShTfw) (<https://www.youtube.com/channel/UCVBSV1oOi6enVYcI2CShTfw>).

Chapter Offices

President: Jack Dash; Treasurer: Andrew Gourevitch; Secretary: Matthew Lutheran

Upper Gila Chapter



Monthly meetings are held the third Thursday of each month at 5:00 PM at Discovery Park, 1651 W Discovery Park Blvd, in Safford. To keep up-to-date on activity dates, please contact us at our [chapter email](mailto:uppergilaaznps@gmail.com) (uppergilaaznps@gmail.com).

Chapter Offices

President: Nathan Cline; Vice President: Diane Drobka; Secretaries: Julie Plath and Clara Gauna; Treasurer: Julie Davis.

White Mountain Chapter



Our chapter covers all of Navajo and Apache counties, but welcomes native plant enthusiasts from Greenlee and northern Gila Counties also.

Chapter Offices

President: Jess Rollar; Education Coordinator: Anita Thompson; Treasurer: Bob Rollar; Master Gardener: Michelle Straight.

Yuma Chapter



Yuma will forgo regular monthly, in-person meetings for the foreseeable future. Instead, we will focus on outdoor activities, such as field trips and work projects, with a virtual format for meetings and similar indoor activities.

Announcements of these events and other news updates will be posted via email. If you would like to receive updates, please contact us at our [chapter email](mailto:yumaaznps@gmail.com) (yumaaznps@gmail.com) and ask to be put on our list.

Chapter Offices

President: Valerie Morrill; Vice President: Karen Reichhardt; Secretary: Deirdre MacDonald; Treasurer: Tom Fox

Welcome New Chapter Members!

Cochise: David Steingraeber, Lisa Carmack

Flagstaff: Carrie Zerafa, Lauren Orme, Deborah Ledington, Lindsay Kowall, Alycia Hayes, Sarah Graham, Nora Clark, Laird Blackwell

Phoenix: David Parkhurst, Virginia Murray, Stephen Lehner, Kayla Le, Beth Houck, Karen Hajek

Prescott: Linn Williams, Marian Wilke, Deanna Malmquist

Tonto Basin: Michele Weigand, Carol Murray, Diane Leonard, Melanie Howe, Kathy Grant, Jeff Daniels

Tucson: Lenox Wiese, Carolyn West, Maria Voris, Thomas Voelkel, Paula Toomey, Carrie Stern, Julie Scott, Sue Robertson, Michelle Ort, Lorrane McPherson, Elise Lutz, Molly Kimball, Robert Kent, Ernest Jimenez, Katherine Holloway, Rita Hartman, Theresa Condo, Joan Chapin, Darlene Brady, Victoria Bauer, Eric Hermentit, Carol Nash, Glen Ostrander, Margaret Wilch

Yuma: Hobert White, Bindu Poudel-Ward, Dennis Hardy

For More Information, Contact the Chapter OfficersOr visit the AZNPS website (www.aznativeplantsociety.org).**AZNPS Headquarters**Administrator: Pat Sanchez arizonanativeplantsociety@gmail.com**Cochise Chapter**President: Douglas Ripley aznpscochise@gmail.com

Vice President: Vacant

Secretary Deanna Sanner

Treasurer: Pat Sullivan

Flagstaff ChapterPresident: Kirstin Phillips flagstaffaznps@gmail.comContact: Susan Holiday naris123@cs.com

Treasurer: Tina Ayers

Presentations/Field Trips: Barbara Phillips

Peach Springs ChapterPresident: Carrie Cannon Carrie.Cannon@hualapai-nsn.gov

Secretary: Shaileen Gonzalez

Treasurer: Alicia Cesspooch

Phoenix ChapterPresident: Lisa Rivera aznpsphoenix@gmail.com

Treasurer: Danielle Carlock

Prescott ChapterPresident: Sue Smith PrescottNativePlantSociety@gmail.com**Santa Cruz Chapter**President: Robin Kulibert santacruz.AZNPS@gmail.com

Vice President: Rick Kulibert

Tonto Basin ChapterPresident: Becky Settje tontobasinnativeplants@gmail.com

Vice President: Teri Balaska

Lead Botanist: Eric Sjoden

Tucson ChapterPresident: Jack Dash nativeplantstucson@gmail.com

Treasurer: Andrew Gourevitch

Secretary: Matthew Lutheran

Upper Gila ChapterContact: Nathan Cline uppergilaaznps@gmail.com

Vice President: Diane Drobka

Secretaries: Julie Plath and Clara Gauna

Treasurer: Julie Davis

White Mountain ChapterPresident: Jess Rollar aznpswhitemountain@gmail.com

Education Coordinator: Anita Thompson

Treasurer: Bob Rollar

Master Gardener: Michelle Straight

Yuma ChapterPresident: Valerie Morrill yumaaznps@gmail.com

Vice President: Karen Reichhardt

Secretary: Deidre MacDonald

Treasurer: Tom Fox

AZNPS Happenings is a forum to promote chapter news and activities throughout the state. Please contact your chapter president or program coordinator to contribute information, or email the *Happenings* editor, Shelley Silva (shelley.a.silva@gmail.com).



ARIZONA NATIVE PLANT SOCIETY
P.O. Box 41206
Tucson, AZ 85717

Address Service Requested

Arizona Native Plant Society
AZNPS is a 501 (C) (3) organization
Your membership is tax-deductible, minus \$12 for *Plant Press Arizona*

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| <input type="radio"/> New | <input type="radio"/> Renewal |
| <input type="radio"/> \$15 Student | <input type="radio"/> \$30 Individual, \$50 Individual for 2 years |
| <input type="radio"/> \$35 Family, \$60 family for 2 years | <input type="radio"/> \$50 Organization |
| <input type="radio"/> \$75 Commercial | <input type="radio"/> \$100 Plant Lover |
| <input type="radio"/> \$500 Patron | <input type="radio"/> \$1,000 Lifetime |

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Members with email access will receive email notice when new *Happenings* newsletter and *Plant Press Arizona* issues are posted online. **Please indicate if you prefer to receive *Plant Press Arizona* via postal mail.**

Mail to:

Arizona Native Plant Society
PO Box 41206
Tucson, AZ. 85717

Join or Renew Online at:

www.aznativeplantsociety.org