



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 Chapter:	Doug Ripley	aznpscochise@gmail.com
Flagstaff Chapter:	Susan Holiday	naris123@cs.com
Phoenix Chapter:	Lisa Rivera	aznpsphoenix@gmail.com
Santa Cruz Chapter:	Robin Kulibert	Santacruz.aznps@gmail.com
Tucson Chapter:	Lyn Loveless	lyndloveless@gmail.com
Upper Gila Chapter:	Kara Barron	uppergilaaznps@gmail.com
Yuma Chapter:	Deirdre MacDonald	yumanativeplant@gmail.com



Chapter News

Cochise Chapter



Prior to the COVID-19 pandemic, we held monthly programs on the third Friday of each month from September through May at 5:00 PM in the Cochise County Community Development Office conference room, 4001 Foothills Dr. (corner of Highway 92 and E. Foothills Drive), Sierra Vista. With the start of the pandemic, we cancelled all in-person meetings but resumed them on September 18, 2020 via Zoom Conferencing. Currently it does not appear that we will be able to meet in our previous meeting room for the foreseeable future. Fortunately, meeting remotely remains a viable option; however, we are exploring the possibility of holding meetings at different times and frequencies than in the pre-pandemic times. Consequently, we are not announcing any new meetings at this time. Members may learn of upcoming meetings, field trips, and other activities from the Chapter Facebook website. Also, members will be informed of all future activities in advance via the Chapter email roster. Please contact Chapter President Douglas Ripley for any questions you may have regarding future activities (jdougripley@gmail.com).

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 (aznpscochise@gmail.com); Vice President: Elliott Hendricks (emhndrks@yahoo.com); Secretary: Deann Sanner (longeyesone@gmail.com); Treasurer: Pat Sullivan



Arizona Poppies, Caltrop (*Kallstromia grandiflora*) after the start of the Monsoon Rains in the Dragoon Mountains, Cochise County. Photo: Doug Ripley

Flagstaff Chapter



The Flagstaff chapter holds monthly presentations on the **third Tuesday** of the month at **7:00 PM**. Our presentations at this time are all virtual via Zoom. In many cases, meetings are also live-streamed to our Facebook page. Links to the online programs will be sent to chapter members on the e-list, and are available on request by emailing naris123@cs.com. Meetings are announced on our Facebook page (Arizona Native Plant Society Flagstaff Chapter) and on the calendar on the AZNPS website (aznps.com). Many of our meetings are being videotaped; the videos will be posted, when available, on our AZNPS YouTube Channel.

Meetings

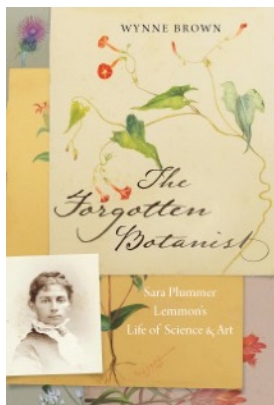
Tuesday, September 21: Liza Holeski. *Plant Defenses Against Herbivory*



Liza Holeski will give a general overview of plant defenses against herbivory, describing the forms of defense as well as highlighting some particularly interesting examples. She will also talk a bit about her research in plant defense in monkeyflowers, as she works with a number of natural populations of monkeyflowers in Arizona.

Liza is an Associate Professor in Biology at NAU. Her research focuses on plant evolutionary ecology and genetics. She is interested in plant adaptation to biotic and abiotic environmental factors, plant-herbivore interactions, and the evolutionary genetics of plant defense traits. Much of her work is in monkeyflowers, but she also works with *Populus* species.

Tuesday, October 19: Wynne Brown. *The Forgotten Botanist: Sara Plummer Lemmon's Life of Science and Art*



Wynne's latest book is the account of an extraordinary woman who, in 1870, was driven by ill health to leave the East Coast for a new life in the West—alone. At thirty-three, Sara Plummer relocated to Santa Barbara, where she taught herself botany and established the town's first library. Ten years later she married botanist John Gill Lemmon, and together the two discovered and collected hundreds of new plant species, many of them illustrated by Sara, an accomplished artist. Although she became an acknowledged botanical expert and lecturer, Sara's considerable contributions to scientific knowledge were credited merely as "J.G. Lemmon & Wife."

Phoenix Chapter



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

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

Follow [@aznpsphoenix](https://www.instagram.com/aznpsphoenix) on **Instagram** 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, Vice President: Pam McMillie, Treasurer: Danielle Carlock, Secretary: Kathy Balman. We can be reached at aznpsphoenix@gmail.com

Upcoming Activities

During the remainder of 2021, we will hold at least two Chapter meetings. Dates and times are still to be determined. **Chapter events will be announced to our email list subscribers at least 2 weeks in advance.** Please be on the lookout for messages from us throughout the coming months for more details.

Fall Planting Season

In the Phoenix metro area, autumn is the ideal time to add native plants or wildflower seeds to your landscape. To assist local residents in doing so, we've created several resources:

- List of recommended native landscaping plants that are low-water use, beneficial to wildlife, and generally available to purchase locally
- Webinar recording of our Chapter President's Top 20 Native Landscaping Plants for Metro Phoenix
- List of Phoenix area nurseries that sell several types of native plants
- List of local and online (Arizona) sources for native seeds

Please visit the [Phoenix Chapter web page](#) for more information about these native landscaping resources. Happy planting!



Wolfberry (Lycium), a wonderful native landscaping shrub, springing back into life after the July monsoon rains.

Photo credit: Lisa Rivera

Volunteer Opportunities

Please see the Volunteering Opportunities section at the bottom of the [Phoenix Chapter web page](#) for information about the following volunteer activities.

Local Fieldwork: If you are interested in helping with invasive species control, restoration, or scientific research, we've compiled a list of recommended organizations that regularly lead volunteer events related to these activities.

Citizen Science: There are a wide variety of environmental citizen science projects that you can participate in on your own at home, during a walk in your neighborhood, or while exploring Arizona's public lands.

Prescott Chapter



The Prescott Chapter is currently in a “dormant” state and has no events planned. Please check out the other chapters for Zoom meetings or other online events that you may find interesting!

In order to resume chapter activities in the future, Prescott needs new individuals to take on the responsibilities of the chapter.

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. Send an email to santacruz.aznps@gmail.com to join our mailing list or for any other contact.

Chapter Offices

President: Robin Kulibert (rcrobint60@gmail.com); Vice President: Rick Kulibert (santacruz.AZNPS@gmail.com)

Tucson Chapter



The Tucson chapter holds its monthly meetings on the **second Thursday** of the month, from **September - May**, at **7:00 PM**. Because of COVID-19, our meetings at this time are all virtual via Zoom. In many cases, meetings are also live-streamed to our Facebook page (see below). Links to the online programs will be sent to chapter members on the e-list and are available on request by emailing nativeplantstucson@gmail.com. Meetings are announced on our Facebook page (Arizona Native Plant Society Tucson Chapter) and on the Tucson Chapter page of the AZNPS website (aznps.com). Many of our meetings are being videotaped, and the videos will be posted, when available, on our AZNPS Tucson YouTube Channel, at <https://www.youtube.com/channel/UCVBSVioOi6enVYcI2CShTfw>

Gay Gilbert and Susan Husband, our hard-working program chairpersons, have put together a great schedule for the fall.

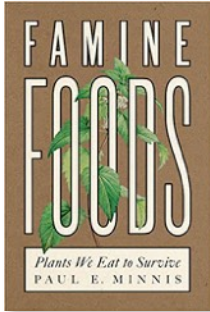
Chapter Offices

President: Lyn Loveless (lyndloveless@gmail.com); Vice-President: Jack Dash (pjdash23@gmail.com); Treasurer: Jackie Taylor; Secretary: vacant

To communicate with the chapter officers, write to nativeplantstucson@gmail.com.

WILL WE BE MEETING IN PERSON? After a long year of Zoom chapter meetings, we are working toward meeting again face-to-face this fall, if the stars align and we are able to find a meeting place home. But we have not yet identified a good space for our meetings. Please consult the Tucson chapter page on the aznps.com website for the latest updates. In any case, we will still be streaming meetings for people who prefer to watch at home, as well as (hopefully) meeting in person. So stay tuned for updates.

Meetings



Thursday, September 9: Dr. Paul Minnis. *A Starving Man Does Not Sniff his Food: Plants used as Famine Foods*

Paul is Professor Emeritus, University of Oklahoma, and author of *Famine Foods: Plants We Eat to Survive*, published by UA Press, 2021.



Sandia Mountains. Photo: Luigi Novi

Thursday, October 14: Jim Verrier. *A Different Interpretation of Sky Islands*

Jim will challenge us to think outside the box in his presentation on sky islands. Jim is the Nursery Director at Desert Survivors Native Plant Nursery, and author of "Annotated Flora of the Santa Catalina Mountains, Pima and Pinal Counties, Southeastern Arizona" (2018).



Epipactis gigantea.
Photo: Paul Rothrock

Thursday, November 11: Andrew Salywon, Herbarium Curator and Research Botanist, Desert Botanical Garden, Phoenix. *Native Orchids of Arizona*

Introducing Trailing Grama (*Bouteloua diversispicula*)

This lovely native stolonizing Grama grass has been recently baptized as "Trailing Grama" by a group of ten botanists who have familiarity with this grass in Arizona and Mexico. The former name was the user unfriendly "Short leafed false grama" !

This grass should be tried as a bermudagrass alternative in home owner yards. One gallon pots are now for sale at Desert Survivors in Tucson.



“A” Mountain is Getting a Makeover



Sentinel Peak, aka “A” Mountain, in Tucson is the iconic symbol of the community. Thousands watch the annual July 4th fireworks that are launched from this ancient landmark. University of Arizona students have traditional outings to repaint the A, and the basalt formation has stood over the ancient farmland of native peoples for over 3000 years. Unfortunately, the fireworks often set the south slope ablaze. Over time this has resulted in a void of natural plant growth, replaced by the opportunistic invasive Buffelgrass. Due to the rapid growth during the historic rainfall of the current monsoon season, there is an urgent opportunity bring 50 acres of the most infested area under control, using professional herbicide applicators. Through efforts of the AZNPS Conservation Committee, removal of the invasive weed at the summit is well underway. Donations are being sought to complete the project, including reestablishing native plants. Those interested in helping are asked to use the online donation form on the website aznps.com or send a check to AZNPS, PO Box 41206, Tucson AZ 85717.

Waterman Restoration Site



A group of avid botanists explore the native biodiversity in the Waterman Restoration Site, located in the Ironwood National Monument. This area has been under restoration by members of the Tucson chapter for many years.

Upper Gila Chapter



Chapter activities, including meetings, have not been finalized. To keep up to date on activity dates, please contact us at uppergilaaznps@gmail.com.

Chapter Offices

President: Kara Barron; Vice President: Diane Drobka; Secretaries: Julie Plath & Clara Gauna; Treasurer: Julie Davis. Contact: uppergilaaznps@gmail.com

Yuma Chapter



Yuma will forgo regular monthly, in-person meetings for the foreseeable future. Instead, we will focus on outdoor activities—field trips and work projects—and go virtual for meetings and similar indoor activities. Currently, we anticipate the following:

September: Everyone keep an eye out for September bloom locations following the summer monsoons, and we will schedule a hot, muggy but beautiful field trip to check it out. Please post locations to our Facebook page (AZ Native Plant Society Yuma Chapter). For example, at this moment, it seems that the usually shy and somewhat cryptic *mammillaria* (fishhook cacti) are ablaze and popping up like Easter eggs out in the Yuma foothills. Now, who wouldn't want to see that, no matter the heat? Also on our Facebook page, we request that everyone post throughout the month of September about recent plant travels and adventures. This Facebook event will take the place of our usual October in-person “Show and Tell” program.

For October - December we are planning a suite of outdoor events, including nursery tours and field trips to refuges and natural areas. Announcements of these events and other news updates will be posted via email. Follow us at yumanativeplant@gmail.com by requesting to be on our email list.

Announcements of these events and other news updates will be posted via email. Follow us at yumanativeplant@gmail.com by requesting to be on our email list.

Chapter Offices

President: Valerie Morrill; Vice President: Karen Reichhardt; Secretary: Deirdre MacDonald (yumanativeplant@gmail.com); Treasurer: Tom Fox

Botany 2021 Conference Update

The Botany 2021 Conference planning committee is continuing to work on finalizing the details for this year's Conference which will be held virtually on the evenings of November 8, 9, and 10 (7:00 to 9:00 PM). When the agenda and other details are finalized, we will make announcements about them via Mail Chimp, our Website, and Chapter email rosters. Please contact Doug Ripley (jdougripley@gmail.com) if you have any questions on the Conference, suggestions, or wish to volunteer to help with it.

If you want to do more to help with the work of the Arizona Native Plant Society

Thank you to all members who regularly renew their membership. Your dues are the primary means of funding all the work of the society. As the need for additional funding increases, please consider additional ways you can support the education, conservation, outreach and restoration our volunteers work to achieve.

Online Shoppers Can Support AZNPS

Did you know that AZNPS is part of the Amazon Smile program? By shopping through the Smiles portal, a portion of each purchase is returned quarterly to the non-profit you choose to support. We hope it will be The Arizona Native Plant Society. Check out how easy it is to send a little each time the big blue van brings purchases to your doorstep. <https://smile.amazon.com/ch/86-0322366>

Retired vehicles are welcome donations!

If you have a retired vehicle of any kind—auto, truck, boat, RV, tractor—CARS (Charitable Adult Rides and Services) can turn it into proceeds to benefit the non-profit of your choice (<https://careasy.org/home>).



Welcome New Chapter Members!

Cochise: Irene Broderick, Benjamin Lepley, Mike Foster

Flagstaff: Rayma Lee, Chris Marino, Peter Shipman, Elizabeth Harding

Phoenix: Kaylee Delcid, Marsha Dobson, Alexa Esquivel, Kaitlyn Horner, Catalina LaFrance, Daniel Nino, Shawnalea Shelly, Sharon Wollert, Angie Medeiros, Thaddeus Reycraft

Prescott: Carrie Carter, Kristina Hyland, Memory Russell

Santa Cruz: Ron Adams, Neal Eagleton

Tucson: Dominika Huesinkveld, Dean Knipe, Matthew B. Lutheran, Rodney Pond, Rebecca Renteria, Kevin A. Rodgers, Susan Thorpe

FOR MORE INFORMATION ABOUT AZNPS, CONTACT THE CHAPTER OFFICERSOr visit the AZNPS website: www.aznativeplantsociety.org**AZNPS Headquarters**

AZNPS Administrator: Pat Sanchez

arizonanativeplantsociety@gmail.com**Cochise Chapter**

President: Douglas Ripley

aznpscochise@gmail.com

Vice President: Elliott Hendricks

Secretary: Deanna Sanner

Treasurer: Pat Sullivan

Flagstaff Chapter

Contact: Melissa Amberson

Treasurer: Tina Ayers

Presentations/Field Trips: Barbara Phillips

Phoenix Chapter

President: Lisa Rivera

aznpsphoenix@gmail.com

Vice President: Pam McMillie

Treasurer: Danielle Carlock

Secretary: Kathy Balman

Santa Cruz Chapter

President: Robin Kulibert

Vice President: Rick Kulibert

santacruz.AZNPS@gmail.com**Tucson Chapter**

President: Lyn Loveless

lyndloveless@gmail.com

Vice-President: Jack Dash

Treasurer: Jackie Taylor

Secretary: Vacant

Upper Gila Chapter

Contact: Kara Barron

uppergilaaznps@gmail.com

Vice President: Diane Drobka

Secretaries: Julie Plath & Clara Gauna

Treasurer: Julie Davis

Yuma Chapter

President: Valerie Morrill

yumanativeplant@gmail.com

Vice President: Karen Reichhardt

Secretary: Deirdre MacDonald

yumanativeplant@gmail.com

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 e-mail the *Happenings* editor, Shelley Silva, at shelley.a.silva@gmail.com. Photos are always welcome!

Please send information for the newsletter by:

February 1st for March - May events

August 1st for September - November events

November 1st for December - February events

May 1st for June - August events



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

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Your membership is tax-deductible, minus \$12 for *Plant Press*

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| <input type="radio"/> \$15 Student | <input type="radio"/> \$30 Individual |
| <input type="radio"/> \$35 Family | <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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| <input type="radio"/> Santa Cruz | <input type="radio"/> Tucson | <input type="radio"/> Upper Gila | <input type="radio"/> Yuma | <input type="radio"/> Non AZ |

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

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

Join or Renew Online at:
www.aznativeplantsociety.org