

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 jdougripley@gmail.com

Flagstaff Chapter: Susan Holiday naris123@cs.com

Phoenix Chapter: Lisa Rivera aznpsphoenix@gmail.com

Prescott Chapter: Sue Arnold PrescottAZNPS@gmail.com

Santa Cruz Chapter: Robin Kulibert Santacruz.aznps@gmail.com

Tucson Chapter: Lyn Loveless lyndloveless@gmail.com

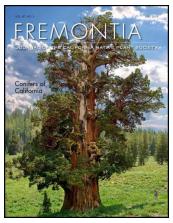
Upper Gila Chapter: Kara Barron uppergilaaznps@gmail.com

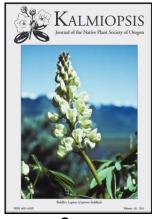
Yuma Chapter: Valerie Morrill yumanativeplant@gmail.com



Proposal to Change the Name of The Plant Press

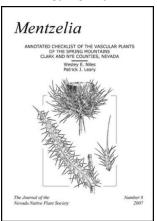
At the January 31, 2021 meeting of the AZNPS Board of Directors one member made a request that the Board consider changing the name of *The Plant Press*, the journal of the AZNPS published twice a year (https://aznps.com/the-plant-press/). He noted that the current name is very unimaginative and is not specifically related to anything in Arizona or its flora. He further pointed out that the native plant societies of most Western states have adopted a name for their journals based on an iconic plant species of the state, as illustrated here. One suggested new name was *Carnegiea*, the genus name for Arizona's iconic Saguaro





cactus. While the Board was generally in favor of this proposal, it wished to consider the proposal in a little more detail. Specifically, it wanted to present the idea to the members and solicit comments from them, including any suggestions they may have for a new name that is unique and iconic to the Arizona flora. The Board therefore invites members with ideas on this proposal to present them to the Board. This can most easily be done by sending an email to Pat Sanchez, the Society Administrator (arizonanativeplantsociety@gmail.com). Please respond by March 31, 2021.

California



Oregon

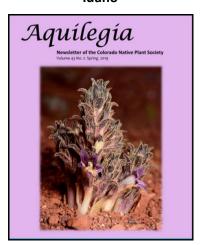


Douglasia Programme Progra

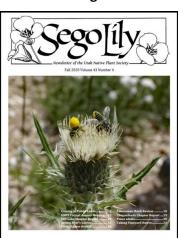
Nevada



Idaho



Washington



Colorado

Utah

Chapter News

Cochise Chapter



In normal circumstances, we have 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 COVID-19 pandemic, we cancelled our March, April, and May meetings. On September 18, we resumed our monthly meeting via Zoom Conferencing, which was very successful. We will continue our remote meetings at least into early 2021 on the third Friday of each month at 7:00 PM. To attend a meeting, please send an email to Doug Ripley (jdougripley@gmail.com) requesting an attendance link, which he will email to you.

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

Meetings

Friday, March 19: Robert Parks, Entomologist and Nature Photographer, Arizona Native Plant Society, Sierra Vista. *An Introduction to the Hymenoptera: Ants, Wasps, and Bees*

Bob will present a visual program on the Hymenoptera using his superb macro photos. His emphasis will be on common and colorful species that can be found in Cochise County, highlighting some of their interesting characteristics. He will also discuss the vital mutual dependence ants, wasps, and, bees share with plants.







From left to right: male *Xylocopa varipuncta*; large male *Anthidium maculosum*; Wool carder (female serrated) *Anthidium maculosum*

Friday, April 16: Mike Foster, Nature Videographer, Arizona Native Plant Society, Sierra Vista. *Video Stories about Native Plants*

Mike is an extremely creative nature videographer based in Sierra Vista. This evening he will present numerous short examples of his work focusing on plants. Following is a description of Mike's work and philosophy: "I am captivated by how we interact with plants. It is not just that a plant is useful. It is good to know the time of year it is harvested, which are the best varieties, and how it can be processed. Generations grow up selectively breeding plants. As an example, you don't just eat any prickly pear. I believe we also should have an emotional relationship with the plants. They are the backdrop of our lives. Our memories are attached to them. Most obviously we remember the tree colors and those feelings in the air during fall. I try to make videos that cover these issues, and I love the audience that sees plants as participants and living companions in our world. I even think it helps to attribute our qualities to plants to improve our connection. I will share numerous short examples of my work and answer questions."







From left to right: Story of the Devil's Claw; Story of La Llorona; Story of Yerba de la Flecha

Friday, May 21. Dylan Dorey, Park Naturalist, Kartchner Caverns State Park. Twenty Years of Conservation: Above and Below Ground at Kartchner Caverns State Park

Dylan will review the natural history of the park and the cave, how they have stayed at the forefront of scientific discovery, and various projects and techniques that are in progress to preserve this pristine environment. He will also discuss the various vegetative types in the park and interesting plant species he has found.







Kartchner Caverns State Park

Flagstaff Chapter



Beginning in March, the Flagstaff chapter will resume 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.

Phoenix Chapter



To stay up to date on chapter activities and announcements, please subscribe to our **email list** by contacting <u>aznpsphoenix@gmail.com</u>.

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

Follow @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

We recently held our annual chapter elections. Our 2020-2021 season offices are President: Lisa Rivera, Vice President: Pam McMillie, Treasurer: Danielle Carlock, and Secretary: Kathy Balman.

Upcoming Spring Activities

Due to COVID-19 precautions, all chapter activities will continue to take place virtually via **Zoom through at least the spring season.** While we miss being able to gather in person, the virtual format has worked out well. We invite you to join us at our one of our upcoming events to stay connected, learn, and have some fun!

March Chapter Meeting (Date TBD). Book Discussion

We will discuss <u>Bringing Nature Home: How You Can Sustain Wildlife with Native Plants</u> by Douglas W. Tallamy. We encourage you to read the book (if you haven't already) to prepare for our engaging discussion.

April Chapter Meeting (Date TBD). City Nature Challenge

Our guest speaker will be Jeny Davis, coordinator of the Desert Botanical Garden's Metro Phoenix EcoFlora. Jeny will share details about the City Nature Challenge, a global competition that takes place from April 30 to May 3. Participants use iNaturalist to document and identify as many plants, animals, and other living things they can find. This year is the first time Metro Phoenix is part of the City Nature Challenge, so join in and help our region come out on top!

Each virtual event will be announced to our email list subscribers at least two weeks in advance. So please be on the lookout for messages from us throughout the spring for more details about these upcoming events.

Volunteer Opportunities

Plant List Focus Group

We are seeking volunteers to assist in the development of our chapter's native landscaping plant list, such as:

- Providing feedback on plant availability at local nurseries and seed suppliers.
- Letting us know which information you find helpful when deciding which native plants to use in your landscaping.

This is a virtual volunteer opportunity, with communication occurring via email or Zoom meetings. If you are interested in helping us develop the plant list, please contact aznpsphoenix@gmail.com.

Community / Citizen Science Opportunities

Please visit the <u>Phoenix Chapter web page</u> for a wide variety of community / citizen science projects that you can participate in at home, during a walk in your neighborhood, or while exploring Arizona's public lands.

Recap of Winter Activities

At our chapter meeting in January, we had an engaging discussion about the articles in the Winter 2020 issue of *The Plant Press* and our experiences with invasive and toxic plants.

It was no surprise that most of us have experienced issues with stinknet (*Oncosiphon pilulifer/piluliferum*). To try to control stinknet on your property, our recommendation is to continually be on the lookout for it during the winter/spring season and take immediate action when you find seedlings. The top methods we've used to try to control stinknet and other invasives are:

- manual removal;
- hoeing or raking;
- chemical herbicides;
- applying a layer of mulch, landscape fabric, or cardboard; and
- natural herbicides, such agricultural grade vinegar.



Oleander (*Nerium oleander*) is a toxic plant that has been problematic for some of us. We also felt more could be done to inform the public about which landscaping plants and weeds are toxic to humans and animals. Therefore, our chapter plans to provide more information about toxic plants in the future.

If you couldn't attend our meeting, you can still learn about Arizona's invasive and toxic plants by reading the <u>latest issue of *The Plant Press*</u>, particularly pages 1-24 and 27-31. The publication is freely available to everyone.

Also, if you need help identifying the most prolific invasive species in our area, <u>Desert Defenders</u> has a useful invasive plant fact sheet.

Native Plant Landscaping



To help local residents select and find native landscaping plants, we've compiled a list of local sources for native plants and seeds.

Our Chapter is also developing a list of recommended landscaping plants that are: 1) native to Metro Phoenix, 2) beneficial to wildlife, 3) low-wateruse, 4) relatively easy to care for, and 5) generally available at local nurseries or seed suppliers.

Please see the <u>Phoenix Chapter web page</u> for more information about these native plant landscaping resources. Happy planting!

New Blog Feature: Plant Profiles



We are excited to announce a new feature on our chapter's blog. Every month we'll post a new Plant Profile, written by Kathleen M. McCoy, who is a Master Naturalist and AZNPS Phoenix Chapter member. Each Plant Profile highlights a plant native to Arizona and/or the Sonoran Desert. The first one is Desert Globemallow: A Most Remarkable Native Plant. There is also an accompanying Perfil de la Planta written in Spanish.

We hope you'll enjoy and look forward to the Plant Profiles! If there's a particular native plant you would love to see featured, please let us know by messaging aznpsphoenix@gmail.com.

Seed Ball Pilot Project Update

In June 2020, we began a pilot project in collaboration with the <u>Maricopa Native Seed Library</u> to study the success of using seeds balls as a method to add native plants to home landscapes. Seed balls are widely used, but there are few published studies about them. So we've teamed up to study their germination success in various residential locations throughout the Valley.

The seed balls contain a mix of 13 native species. Thirty participants "planted" two seeds balls at their home in July 2020. Since then, we are following up monthly to monitor any germination that appears to be the result of the seed balls. The poor monsoon season this year got the project off to a slow start, as the seed balls require several heavy rainfalls (or regular supplemental watering) to fully disintegrate into the soil.

As of early February 2021, there have been few reports of germination. After the decent precipitation we received late this winter, we are anxious to see if there will be more germination and sprouting activity this spring. We will continue to provide updates on the project in the coming months. Many thanks to all the project participants for their continued effort!

For more information about the seed ball project, please contact Danielle Carlock at seedlibrary@scottsdalecc.edu.



A partially disintegrated seed ball (lower left) with various seedlings sprouting nearby. Some are weeds, but some are still a mystery and possibly the result of seeds contained in the seed ball. Only time will tell! The seed balls were handmade by the Maricopa Native Seed Library for this collaborative project. Photo credit: Lisa Rivera

Prescott Chapter



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 PrescottAZNPS@gmail.com to join our mailing list or for any other contact. Follow us at www.facebook.com/ AZNPSPrescott to keep up-to-date on chapter events.

Chapter Offices

Secretary: Patricia Hils, hilsp1893@gmail.com; Treasurer: Sue Arnold

Santa Cruz Chapter



Beginning in March, the Chapter will resume monthly presentations on the **third Thursday** of the month from **6:00** - **7:30 PM**. Our presentations at this time are all virtual via Zoom. The first meeting will be held on March 18, followed by April 15, and May 20.

The URL is <u>zoom.us</u> (not <u>zoom.com</u>). 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 (crobint60@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 native-plantstucson@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/ UCVBSV10Oi6enVYcI2CShTfw

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.

Meetings

Thursday, March 11: Michael Bogan, School of Natural Resources and the Environment, University of Arizona. Rebirth of the Santa Cruz: the Rapid Return of Aquatic and Riparian Species to Downtown Tucson





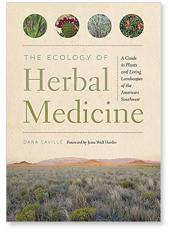
Dr. Bogan will discuss the rapid return of dragonflies and other aquatic species to the Santa Cruz River in downtown Tucson. Historically, the Santa Cruz River had year-round flow downtown, but diversions and groundwater pumping dried up the river in the early 20th century. Since then, the river has only flowed during periods of heavy precipitation. In June 2019, Tucson Water restored perennial flow to the river using treated effluent. Dr. Bogan and his collaborators are documenting the return of many aquatic species to the river after many years of absence. They are also noting the rapid return of invasive bufflegrass, Bermuda grass, and Johnson grass to the channelized river area, and working to identify the potential for restoring native plant species, with the hope of returning the area to something like its historical native habitat.

From top to bottom: Dr. Brogan; Santa Cruz River, midtown Tucson

In anticipation of Dr. Brogan's talk, interested participants may want to review Robert Webb's book Requiem for the Santa Cruz: An Environmental History of an Arizona River and Kathryn Mauz's An Agreeable Landscape: Historical Botany and Plant Biodiversity of a Sonoran Desert Bottomland, 1855-1920.

Michael Bogan is freshwater ecologist who studies the impact of natural disturbances and anthropogenic water use on aquatic species and biodiversity in streams and springs across the southwestern USA and northwestern Mexico. Michael has been working in the region as an ecologist since 2000. He earned his Master's and Doctoral degrees at Oregon State University and worked as a postdoctoral researcher at University of California Berkeley, before starting at the University of Arizona in early 2016.

Thursday, April 8: April Saville, Herbalist & Community Educator in Ecological Herbalism, Albuquerque, New Mexico. *Understanding the Medicinal Properties of Plants Through Relationships*



Native medicinal plants play a prominent role in the biological and cultural worlds we inhabit every day. As iconic landscapes of the Southwest evolve, observing plant interactions with their environment can inform our understanding of botanical medicine and illustrate the impacts of economic land use and climate change. Observing plants' ecological relationships provides insights about how they can act as healing agents in the land and for people, too. We will explore this concept through the examples of several native medicinal plant species growing in different habitats of our region.

Dara is the author of *The Ecology of Herbal Medicine: A Guide to Plants and Living Landscapes of the American Southwest*, scheduled for publication in March 2021. She is the founder and executive director of the Yerba Mansa

Project, and the founder and primary instructor of the <u>Albuquerque Herbalism</u> bioregional herbal studies program. Dara has a Masters degree in Geography and Environmental Studies from the University of New Mexico, and is a board member of the Albuquerque Chapter of the New Mexico Native Plant Society.

Thursday, May 13: Michael A. Crimmins, Department of Environmental Science, University of Arizona. Future Projections and Local Impacts of Climate Change in Southern Arizona

Upper Gila Chapter



Chapter activities, including meetings, have not been finalized. To keep up to date on activity dates as they are finalized, 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 Chapter activities, including projects, field trips, and in-person meetings are on hiatus. What a difficult time this has been to get out, get together, and enjoy our native plants. Stay tuned to our email list (yumanativeplant@gmail.com) for occasional updates. Also, please check our Facebook page at https://www.facebook.com/YumaAZNPS. Again, thank you, sister chapters, for sharing your online content. We really appreciate it.

Chapter Offices

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



An Update on the Arizona Native Plant Society Website

We encourage all AZNPS members to check out the new and improved Society Website. Starting about two years ago Ries Lindley undertook an effort with a professional web designer to upgrade and vastly improve our website. Recently a Society ad hoc website committee composed of Diane Kelly, Lyn Loveless, Pat Sanchez, and our technical consultant, Ray Harwood, has been working to make additional improvements. Check out our new and improved website. Here are some links:

- The Events Page: A calendar of upcoming events including Chapter meetings throughout the state, via Zoom. https://aznps.com/events/
- ❖ The Plants Page: Local floras, invasive and rare species, native gardening, and plant protection laws. https://aznps.com/floras/
- ❖ The Plant Press Archives: Access to every past issue starting with Vol. 1, No. 1. https://aznps.com/the-plant-press
- **♦ The Conservation Page:** Featuring conservation based articles from recent *Plant Press* issues. https://aznps.com/conservation/
- ❖ The Grow Native Page: Planning your garden, native gardening resources, the Plant List, native landscaping partners. https://aznps.com/grow-native/
- The In Memoriam Page: In memory of those members who have passed away. https://aznps.com/in-memoriam/

We'll be adding more things to the website and we welcome your suggestions and ideas. Please email them to Pat Sanchez at: arizonanativeplantsociety@gmail.com.

We thank Ries Lindley and the website committee for their great work on this important effort.

Welcome New Chapter Members!

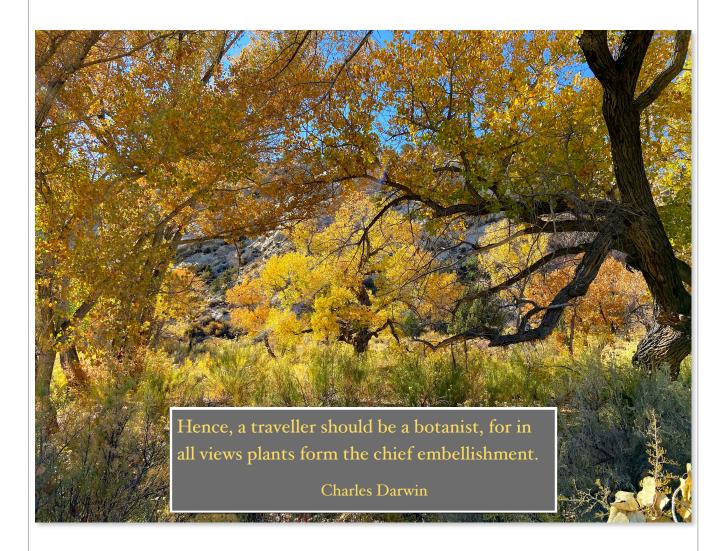
Cochise: Diane Davidson

Flagstaff: Chelsey Trejo, Cathy Wright

Phoenix: Denise Buccola, Stacey Cassedy, CJ Grinar, Carrie Hulburd, Randy Jacobson, Gary MacLaughlin, Rusty and Pat McBride, Ian McFaul, Elizabeth Slikas, Judith and Mark Thorson, Heather Throop, Natalie Vandeventer

Santa Cruz: Rex Graham

Tucson: Alex Arnold, Amy Belk, Terri Cable, Julianne Duncan, Benjamin Gerstner, Mariska Hamstra, Emily Kozlowicz, Peggy Marlatt, Gregory Mishaga, Betty Nickerson, Barbara Stoddard, Nedra Williams Margaret Woolmington



FOR MORE INFORMATION ABOUT AZNPS, CONTACT THE CHAPTER OFFICERS

Or visit the AZNPS website: www.aznativeplantsociety.org

AZNPS Headquarters

AZNPS Administrator: Pat Sanchez arizonanativeplantsociety@gmail.com

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 Vice President: Elliott Hendricks
 emhndrks@yahoo.com

 Secretary: Deanna Sanner
 longeyesone@gmail.com

Treasurer: Pat Sullivan

Flagstaff Chapter

Contact: Melissa Amberson azmelissa@yahoo.com

Treasurer: Tina Avers

Presentations/Field Trips: Barbara Phillips bagphillips@yahoo.com 928-853-3355

Phoenix Chapter

President: Lisa Rivera aznpsphoenix@gmail.com

Vice President: Pam McMillie Treasurer: Danielle Carlock Secretary: Kathy Balman

Prescott Chapter

Secretary: Patricia Hils hilsp1893@gmail.com
Treasurer: Sue Arnold mazearnold@gmail.com

Santa Cruz Chapter

President: Robin Kulibert crobint60@gmail.com

Vice President: Rick Kulibert santacruz.AZNPS@gmail.com

Tucson Chapter

President: Lyn Loveless lyndloveless@gmail.com Vice-President: Jack Dash pjdash23@gmail.com

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 bebbia@hotmail.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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City/State/Zip:					
Phone/Email:					
Membership Level:	New\$15 Student\$35 Family\$75 Commercial\$500 Patron		lividual ganization lant Lover		
Preferred Chapter:	 Cochise Santa Cruz	FlagstaTucsor	o Phoenix o Upper Gila	 Prescott Yuma	∘ 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.

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