

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 Coon	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	Kara Barron	uppergilaaznps@gmail.com	
White Mountain	Jess Rollar	aznpswhitemountain@gmail.com	
Yuma	Deirdre MacDonald	<u>yumaaznpsgmail.com</u>	



Please Renew - Your Membership Matters

Many thanks to all who have renewed their membership recently. More than 300 members have yet to reply to the email notice sent in October. The society relies on membership dues to fund the great majority of programs, outreach, conservation efforts of the local chapters and state-level organization. Membership has not increased in more than 10 years, despite rising costs of printing, technology support, and other expenses.

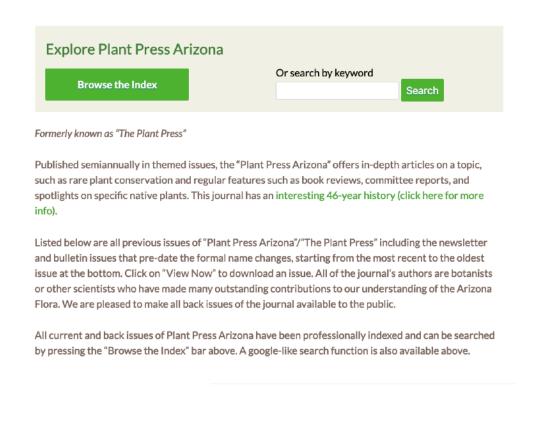
Two-year membership options are now available at the Individual and Family levels to reduce costs for members and administrative costs for the society. Details for online or mail-in renewals can be found on the <u>AZNPS website</u>.

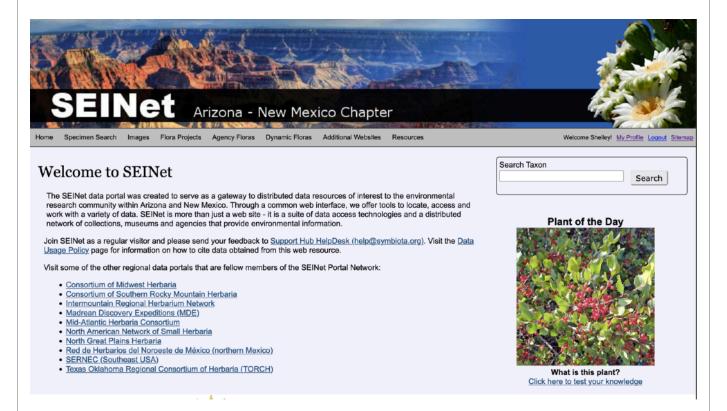
If you have questions regarding your membership, please contact <u>Pat Sanchez</u> (arizonanativeplantsociety@gmail.com).

Plant Press Arizona

Published since 1977, the journal of the Arizona Native Plant Society has offered in-depth articles on specific topics and regular features, such as book reviews, committee reports, and spotlights on specific native plants.

Interested in a particular plant, subject, or author? *Plant Press Arizona* is organized so that you can browse the <u>interactive index</u> or search by <u>keyword</u>.





What's <u>SEINet</u>? In short, it's a mega-database of herbaria collections that can be accessed from your computer. The Arizona – New Mexico chapter covers the southwestern region of North America.

How—and why—to use it? Let's say you're planning a hike in the Superstition Mountains and you want to know which plant species grow there. Click on "Specimen Search" (see the gray bar above) and then enter the location in the "Locality" box. This will generate a list of all plants that have been documented over time in the Superstitions, complete with collection data and digital images. If you don't want to know ALL the occurrences of a particular species, click on "Species List." Click on any plant name to see images and other details, such as nativity, leaf shape, and inflorescence type. Alternatively, you could click on "Flora Projects" on the SEINet homepage, which contains a curated list of species for the Superstitions and many other locations.

But wait, there's more! Click on the key icon in the species list to open a identification key. Let's say you want to identify a mint you photographed on your hike. Select the "mint" box on the right and the species list will be shortened to exclude all plants that don't fit this criterion. Identifying the mystery mint just got easier.

Plant of the Day Like This feature lets you test your knowledge based on groups of images. Any idea what the above plant is?

What else can SEINet do? Give it a **whirl** and find out!

Chapter News

Cochise Chapter



The Chapter's monthly meetings continue to be on a hiatus. We are looking into various options for resuming the meetings such as establishing a new meeting room, lining up member volunteers to help run the meetings, and identifying potential speakers. Consequently, we are not announcing any new meetings currently. Members may learn of upcoming meetings, field trips, and other activities from the Chapter Facebook website. Also, we will inform members of all future activities in advance via the Chapter email roster. We would really appreciate suggestions for future meeting topics and speakers. Please contact Chapter President Douglas Ripley for any questions you may have regarding future activities (jdougripley@gmail.com). Our most recent activity was the annual Chiricahua weekend which was held on 16-18 September 2023. Thanks to the conscientious assistance of several volunteers and the staff of the Southwestern Research Station, I think it is safe to say that a good time was had by all!

The Chapter has established a Facebook website (<u>http://www.facebook.com/</u><u>AZNPSCochise</u>) 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.



Annual Chiricahua Weekend

Flagstaff Chapter



Regular evening programs are presented on the **third Tuesday of the month**, **March through October,** at 7:00 PM via Zoom. Some of the meetings have been recorded and can be viewed the Flagstaff Chapter's Facebook or at The Arizona Native Plant Society. For details about upcoming meetings, please see our email distribution list (<u>naris123@cs.com</u>), <u>Facebook page</u>, or <u>AZNPS.com</u>. Field trips are typically held the weekend following the evening presentation. Watch the email distribution list for information about upcoming field trips.

Chapter Offices

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

Hakđagwi: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 <u>Carrie Cannon</u> (<u>Carrie.Cannon@hualapai-nsn.gov</u>).

Chapter Offices

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

Meetings

Wednesday, November 15, 5:00 - 7:00 PM at the 4H Building: Joelle Acton. BLM Monitoring Techniques

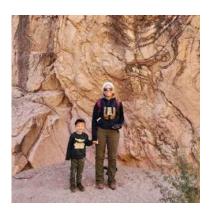


Join us for a guest lecture on monitoring techniques used by the Bureau of Land Management (BLM) range program. Joelle Acton will describe how this information helps with the BLM's habitat assessments and decision making processes. She will also discuss regulations for vegetative collections on public lands. As a bonus, Joelle will bring in a BLM Gila Monster and other wildlife collections she has found in the field!

For more information on this lecture call 928-769-0001

Joelle is the Wildlife Biologist for the Kingman Field Office (KFO), BLM. She is originally from Phoenix. She received her degree in ecology, which eventually led her to Kingman as a Range Technician for the University of Arizona doing vegetative monitoring. From there she was hired as a Range Specialist with the KFO, eventually moving to the wildlife program. She has become familiar with the many plant species within the Mojave Desert region, and she now resides in Kingman permanently with her husband and son.

December 2023 - February 2024



For more information on this lecture, call 928-769-0001.

Wednesday, December 13, 5:00 - 7:00 PM at the 4H Building: Tina Ayers. Introduction to Plant Identification



Tina Ayers will give a introduction to the field of plant taxonomy and then present a few families of plants that are common in northern Arizona. These families have distinctive features that make them easy to recognize with a little practice. Once you know the characteristics, identifying an unknown plant takes much less work.

Tina grew up in Albuquerque and fell in love with plants while working at a plant nursery. She received multiple degrees from the University of Texas at Austin and worked in New York and California before accepting a position at NAU, where she has been teaching botany classes for 34 years. She is a professor in the biology department, curator of the Deaver Herbarium, and supervisor of the teaching greenhouse. Tina has collected plants from Canada to southern South America. Currently she is studying the *Lobelias* of the Sierra Madre in Mexico.



For more information on this lecture, call 928-769-0001.

Wednesday, January 10, 5:00 - 7:00 PM at the 4H Building: Melissa McMaster. Amazing Plants of Grand Canyon and Efforts to Protect and Enhance Them



Melissa McMaster will share stories about restoration projects and discuss the importance of keeping track of the plants of the Canyon, both invasive and native.

Melissa is a plant biologist who has been studying and working with plants in Grand Canyon for 19 years. She worked as a biologist for the NPS for nine years, conducting invasive plant removal, rare plant studies, and implementing riparian restoration along the Colorado River.

Melissa has also conducted work in the Canyon to implement more restoration projects and target key invasive plant species along the river corridor. She is enamored with the plants in the Canyon and their beauty; their tenacity constantly amazes her.

For more information on this lecture, call 928-769-0001.



Phoenix Chapter



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

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

Follow our chapter on <u>Instagram (https://www.instagram.com/aznpsphoenix/</u>) 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 <u>aznpsphoenix@gmail.com</u>.

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).

Native Landscaping Plants & Where to Find Them

The feature presentation at our October meeting was given by Lisa Rivera, Chapter President. Lisa described her recommended landscaping plant palette for metro Phoenix, which focuses on Arizona native plants best-suited to the local area. She also explains where you are most likely to find these plants available for sale.

The **presentation video** is available to watch on the AZNPS YouTube Channel, along with a selection of other previously recorded Phoenix Chapter presentations. To complement the video, Lisa has provided a copy of the **presentation slides**, which have been updated with links to helpful information.



Also, be sure to view the **<u>Phoenix Plant List</u>**, which includes additional plants not featured in the presentation that are also recommended for use in the Phoenix metro area.

More on the Botanical Gardens & Arboreta of Arizona



At our September meeting, we discussed the <u>Summer 2023</u> edition of Plant Press Arizona which highlights many botanical gardens and arboreta in Arizona. That publication is available for free on the AZNPS website, along with <u>all</u> previous editions.

During the discussion, participants shared their thoughts on the different venues based on their own experiences. Below are some of the highlights.

<u>Culture Passes</u>, available in limited quantities at local libraries, are an excellent way to visit many of these gardens and arboreta for free!

Several gardens offer annual memberships, which include <u>reciprocal free admission</u> (via the American Horticulture Society) to over 340 gardens throughout the country. It appears, based on price and reciprocal membership exclusions, that the **Boyce Thompson Arboretum** membership may be the best choice in our area if you plan to visit many gardens in Arizona.

The plant sale and nursery at **Tohono Chul** is highly recommended by AZNPS members! It's worth the drive from Phoenix to Tucson as it features many unique plants. Their café is also highly recommended.

Arizona-Sonora Desert Museum is fun for all ages. It is a great choice for a day trip with family, friends, and out-of-town visitors.

The Agave Heritage Festival at **Mission Garden** is a fantastic event, especially for its roasted agave demonstration and tasting. Mission Garden also offers a mesquite milling event in the summer.

If seeking some shade on a sunny day, the **Boyce Thompson Arboretum**, **Tucson Botanical Garden**, and the **Arboretum at Flagstaff** are good choices.

The **Boyce Thompson Arboretum** allows dogs all-year round. (Other gardens may allow dogs only on certain days.)

The Desert Botanical Garden offers bird walks on Monday mornings, with paid admission.

Be advised that the entrance to the **Arboretum at Flagstaff** is down a Forest Service dirt road, which can be rough.

If visiting the **Boyce Thompson Arboretum** on a spring weekend, be aware of traffic delays and backups along US 60 in Gold Canyon due to Renaissance Festival traffic.

In addition, there are other gardens and arboreta not mentioned in this edition of *Plant Press Arizona* that may be worth a visit. Ones that highlight native plants include:

- · <u>Arizona State University Arboretum</u> and <u>Desert Arboretum Park</u> (Tempe)
- · Park of the Canals Brinton Desert Botanical Garden (Mesa)
- · <u>Xeriscape demonstration gardens</u> (various throughout the state)
- · <u>Carefree Desert Gardens</u> (Carefree)
- <u>Fountain Hills Desert Botanical Garden</u> (Fountain Hills)
- · <u>Highlands Center for Natural History</u> (Prescott)
- · <u>Pima Prickly Park</u> (Tucson)
- · <u>Navajo Nation Zoological and Botanical Park</u> (Window Rock)
- · <u>Destination: Forever Ranch & Gardens</u> (Yucca)

Volunteer Opportunities

Please see the Volunteering Opportunities section at the bottom of the <u>Phoenix Chapter web page</u> for information about the local volunteer activities.

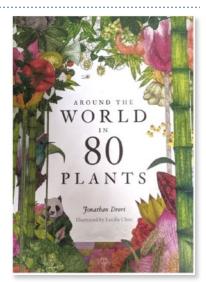
Local Conservation Volunteer Opportunities: If you are interested in helping with invasive plant control, restoration, native plant gardening, or scientific research, we've compiled a list of recommend organizations that regularly lead volunteer activities.

Community Science: We've also listed a variety of environmental citizen science and community 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.

August Meeting Recap - Around the World in 80 Plants

During our August meeting, we discussed <u>Around the World in 80 Plants</u> by Jonathan Drori. This book is a fascinating journey into the diversity and history of plants, both wild and cultivated. Plus, each entry is accompanied by beautiful and colorful botanical drawings. After reading, you feel as if you've taken a trip around the world!

A few of our Arizona native plants are featured, including saguaro and prickly pear. And, with so many interesting and unusual plants described in the book, you're likely to discover a few new favorites to add to your "bucket list" to see someday. We also bet you'll be inspired to try a few new plant foods.



The group consensus was that this is a fabulous book, which would make a great gift for any plant lover! There is also a companion book, *Around the World in 80 Trees*, you may want to read or gift as well.

Prescott Chapter



This year, the Prescott Chapter held its first outing since 2019, following a long COVID-19 break. In addition to outings, we will 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 in September will resume evening programs.

Chapter Offices

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

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 <u>zoom.us</u> (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 <u>Facebook page</u> (<u>https://www.facebook.com/aznpssantacruz</u>). Send an <u>email</u> (<u>santacruz.aznps@gmail.com</u>) 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.

Chapter Offices

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

Beginning in December, the Tonto Basin Chapter will meet on the **first Friday of each month** and will include guest speakers, botany walks or field trips. Please join our email list at <u>tontobasinnativeplants@gmail.com</u> to receive up-to-date information and meeting reminders. You can also visit our <u>Facebook</u> and <u>Instagram</u> accounts for additional information.

Upcoming Events

Friday, December 1, 10:00 - 12:00 PM

Exploring the Foothills of the Four Peaks Wilderness at Rock Creek Trailhead located on Forest Service Road 445 & Highway 188. This botany walk will highlight keystone species in the riparian areas of the Tonto National Forest.

Friday, January 5, 10:00 - 12 noon

Shrubs & Plants at Barnhardt Trailhead located off Highway 87, south of Rye, AZ. We will enjoy views of the Mazatzal Mountains as we learn about the plants in this transition zone.

Friday, February 2, 10:00 a.m. - 12:30 p.m.

Bringing Nature Home by Doug W. Tallany book discussion and potluck at 268 E Stephens Way, Tonto Basin, AZ. Please join us, even if you haven't read the book. Potluck to follow the discussion.

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 <u>chapter page</u> (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, <u>email</u> (<u>nativeplantstucson@gmail.com</u>) us the week before the meeting requesting the zoom link. Videos of past meetings can be viewed on our <u>YouTube channel</u> (<u>https://www.youtube.com/channel/UCVBSV10Oi6enVYcI2CShTfw</u>).

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 <u>chapter email</u> (<u>uppergilaaznps@gmail.com</u>).

Chapter Offices

President: Kara Barron; Vice President: Diane Drobka; Secretaries: Julie Plath

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 <u>chapter email</u> (<u>yumaaznps@gmail.com</u>) 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: Valerie Beauchamp, Jennie Towne

Flagstaff: Ashley Doyle, Gayle Gatrop, Timothy Lowrey

Peach Springs: Elizabeth Alden, Kayla Crowe, Micky Damron, Vincent Diaz, Shaileen Gonzalez, Teresa Honga, Camille Nighthorse, Jessica Powskey, Sharon Preston, Sterling Selena, Don and Sally Sorenson, Rosemary Sullivan, Barbara Tinhorn, Yvette Yazzie-Henson, Jess Yazzie

Phoenix: Jeff Adams, Linda Arandas, Deb Bonte, Robert Carter, Wanda Casady, Donna Cleinman, Sidney Deaver, Larry Dexter, Margaret Fernandes, Diane Gruber, Linda Hairston-Sartuche, Emily Hagen, Brendon Kahn, Kristi Kinnison, Britton McNerlin, Nancy Messnick, Michelle Neumann, Mary Osmond, Victoria Rivas, Jeff Rons, Dara Sitter, Kimberly Stravers, Jordan Stejskal, Tammy Teegardin, Alexis Thurber, Korri Turner, Kayla Vronoski, Lee Woodward, Annie Weaver-Bryant, Zach Williams

Prescott: Bruce Baldwin, Jennifer Bradley, Sally Davidson, Thomas Ganser, Kay Lyons, Alyce Newton, Laurie Uchida

Tonto Basin: Teri Balaska, Marjorie Boster, Joe Bowman, Karen Cai, Leslie Cook, Deborah Deal, Richard Harrington, Leona Hassler, Ram Khalsa, Rebekah Sopeland

Tucson: Dale Armstrong, Janice Baltzell, Joey Barbee, Paul Brenner, Walter Bryant, Robert Buehler, Patricia Buls, Barbara Dickison, Izetta Feeny, William Gosner, Don and Wendy Graves, Lia Griesser, Diana Harrington, Dana Hook, Peggy Hughes, Nadene Johnson, Debbie Koenigs, Hannah Lee, Judi Marro, Brad Mason, Roger McManus, Samuel Merril, Corky Miller, Rhea Nanni, Molly O Reilly, Nichole Palacio, Lisa Peacock, Alexandra Pond, Rodney Reagor, Mike Rizzi, Sandra Rosen, Dereka Rushbrook, George Van Ess, Maria Williams

Upper Gila: Dana Sledge

Yuma: Natalie Bulick, Shane Chester, Rylee Presley



Schultz Tank, Flagstaff. Photo: Shelley Silva

For More Information, Contact the Chapter Officers

Or visit the AZNPS website (www.aznativeplantsociety.org).

AZNPS Headquarters			
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President: Douglas Ripley	aznpscochise@gmail.com		
Vice President: Vacant			
Secretary Deanna Sanner			
Treasurer: Pat Sullivan			
Flagstaff Chapter			
President: Kirstin Phillips	flagstaffaznps@gmail.com		
Contact: Susan Holiday	naris123@cs.com		
Treasurer: Tina Ayers			
Presentations/Field Trips: Barbara Phillips			
Peach Springs Chapter			
President: Carrie Cannon	Carrie.Cannon@hualapai-nsn.gov		
Secretary: Shaileen Gonzalez			
Treasurer: Alicia Cesspooch			
Phoenix Chapter			
President: Lisa Rivera	aznpsphoenix@gmail.com		
Treasurer: Danielle Carlock			
Prescott Chapter			
President: Sue Smith	PrescottNativePlantSociety@gmail.com		
Santa Cruz Chapter			
President: <u>Robin Kulibert</u>	santacruz.AZNPS@gmail.com		
Vice President: Rick Kulibert			
Tonto Basin Chapter			
President: <u>Becky Settje</u>	tontobasinnativeplants@gmail.com		
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Tucson Chapter			
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Vice President: Diane Drobka			
Secretaries: Julie Plath and Clara Gauna			
Treasurer: Julie Davis			
White Mountain Chapter			
President: <u>Jess Rollar</u>	aznpswhitemountain@gmail.com		
Education Coordinator: Anita Thompson			
Treasurer: Bob Rollar			
Master Gardener: Michelle Straight			
Yuma Chapter	o		
President: <u>Valerie Morrill</u>	<u>yumaaznps@gmail.com</u>		
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, <u>Shelley</u> <u>Silva</u> (<u>shelleya.silva@gmail.com</u>).



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 Arizona

Name:

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Phone/Email:

Membership Level:	 New \$15 Student \$35 Family, \$60 family for 2 years \$75 Commercial \$500 Patron 		∘ \$30 lı s ∘ \$50 C ∘ \$100	 Renewal \$30 Individual, \$50 Individual for 2 years \$50 Organization \$100 Plant Lover \$1,000 Lifetime 		
Preferred Chapter:	○ Cochise○ Tonto Basin	○ Flagstaff○ Tucson	○Peach Springs ○ Upper Gila	○ Phoenix○ White Mounta	°Prescott in o Yuma	○ Santa Cruz

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