



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:	Kara Barron	aznpsphoenix@gmail.com
Prescott Chapter:	Sue Arnold	PrescottAZNPS@gmail.com
Santa Cruz Chapter:	Francesca Claverie	Santacruz.aznps@gmail.com
Tucson Chapter:	Jessie Byrd	jessie_byrd@hotmail.com
Yuma Chapter:	Valerie Morrill	aznpsyuma@yahoo.com



Late Summer in the Chiricahua Mountains

September 21, 22, and 23

Southwestern Research Station, Portal, Arizona

The Cochise and Tucson Chapters of the Arizona Native Plant Society are in their seventh year of co-sponsoring a weekend in the Chiricahua Mountains of southeastern Cochise County. These richly diverse mountains are one the northern-most islands in the Madrean Archipelago that encompasses parts of Arizona, New Mexico, Sonora, and Chihuahua. Come enjoy this weekend with us. Whatever the weather, there will be botanical treats and great company.

Tentative Schedule

Day 1: Arrive mid to late afternoon, check in, eat supper and head for the education center for some plant talks and discussion. **Day 2:** An all-day field trip to a location to be determined. Or alternatively, stay nearer SWRS and attend one or both of two shorter field trips. Happy Hour at the pool before dinner. Evening program in the education center. **Day 3:** A morning field trip, lunch, and then depart.

Registration

Accommodations, including meals, will be provided by the Southwestern Research Station, or you may elect to camp on your own. Please use the form on the AZNPS website to register (AZNPS.com).



Barfoot Park, Chiricahua Mountains. Photo by Shelley Silva

Pollinator Habitat Design Workshop: Focus on Native Plant Materials

Friday, September 20, 12:00 PM - Sunday, September 22, 5:00 PM

TNC Aravaipa Canyon Preserve (East Side)

Strategic Habitat Enhancements and The Nature Conservancy (TNC) are hosting this 3-day workshop at the [Aravaipa Canyon Preserve](#) near Willcox, Arizona. This workshop is intended for anyone who is working on a pollinator conservation / habitat / garden project, or thinking about starting one! The approaches presented will be useful for projects in both urban and wildland settings.

Topics that will be covered include:

- Introduction to Pollination Ecology and Habitat Considerations
- Native Plant Materials
- How to Design Customized Pollinator Planting Palettes
- Citizen Science Initiatives
- Installation of a Pollinator Patch at the Preserve
- And MORE!

We will be staying at the beautiful TNC guesthouse, located right on scenic Aravaipa Creek. The workshop will include classroom and field exercises, as well as some time to explore the canyon and cool off in the creek. Accommodations at the guesthouse include dorm/bunk style beds, as well as ample room for camping. Please note that private rooms are not available. Bathrooms and a kitchen are also available. The guesthouse is rustic and you need to be prepared to unplug, as no internet or phone service is available. (For emergencies, there is a landline phone at the TNC headquarters, about 1 mile away.)

For more information and registration: <https://www.tickettailor.com/events/strategichabitatenhancements/272712/>



Striated queen on sweetbush (*Bebbia juncea*). Photo by Shelley Silva

Chapter News



Cochise Chapter

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. The chapter has established a Facebook website (<http://www.facebook.com/AZNPS Cochise>) 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

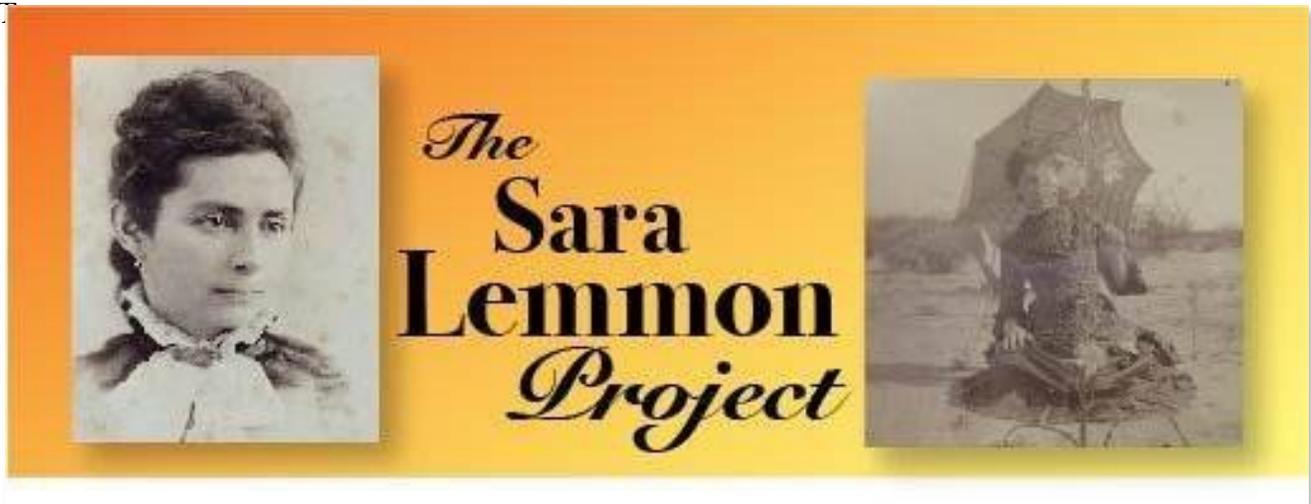
Meetings

Friday, September 20: Wynne Brown, Author, Journalist, Artist. *The Sara Plummer Project*

Wynne Brown has worked as a lifeguard, house cleaner, painter of carousel horses, pizza waitress, illustrator of spider private parts, and journalist. She holds a bachelor's degree in etching from Skidmore College, one master's degree in biology and scientific illustration from the University of Arizona, and another in communications from the University of Tennessee. Her award-winning work has appeared in numerous books and in periodicals including *Popular Science*, *Western Horseman*, *Arizona Highways*, and many newspapers, as well as online venues such as *DiscoveryHealth.com*, *DesertUSA.com*, and *EnvironmentalNewsNetwork.com*.

For the past four years, Wynne has been researching a biography of Sara Plummer Lemmon, the 19th-century artist and botanist for whom Southern Arizona's Mount Lemmon is named. The proposed title for the book is *Like Death to be Idle: Sara Plummer Lemmon, 19th-Century Artist, Scientist, and Explorer*. The book blends popular science, history, and biography. Based on Sara's extensive and lively correspondence and her exquisite artwork, the book brings another female "Hidden Figure" of science to general readers. Her story is one of tenacity and grit, of Western exploration, pioneer women, Apache warfare, the Civil War—and romance. Sara Lemmon's life is a universal narrative of determination and courage—and is as relevant to our nation today as it was in the 1880s.

This presentation will provide a fascinating account of Sara Plummer Lemmon's life and remarkable accomplishments as well as insights into Wynne's extensive research in preparing the book.



Sara Plummer and John Plummer



Douglass Ragwort painted by Sara Plummer in June 1882, at Fort Huachuca. Photo by Wynne Brown. Original at the University and Jepson Herbaria Archives, University of California, Berkeley

Friday, October 18: John Barthelme, Cochise Chapter, Arizona Native Plant Society. *Who Were the Neanderthals?*

Who were the Neanderthals? When and where did they live? Where did the image of “caveman“ (and “cavewoman“) come from? What was their evolutionary relationship to modern humanity? What plants did they eat (if any)? This presentation will discuss these questions and provide an overview of recent evidence of Neanderthal - modern human interbreeding.

John Barthelme conducted archaeological research in East Africa for nearly 40 years (as well as working at the Murray Springs Clovis site in Sierra Vista in 1969). He holds a Ph.D. from the University of California, Berkeley in Anthropology and has taught at St. Lawrence University (upstate New York) and several Kenyan universities. He worked on Richard Leakey’s research team at Lake Turkana for seven years and has conducted field investigations into the origins of modern humans and their relationship to Neanderthals.



The Neanderthals

Friday, November 15: David Stith, Arizona Native Plant Society, Idyllwild, CA, and Phoenix, AZ. *An Update on the Continuing Story of the History, Biology, and Conservation Efforts for the Lemon Lily (Lilium parryi), Arizona's Only True Lily Species*



Lemon lily (*Lilium parryi*), Fort Huachuca. Photos by Bob Herrmann

Lemon lily numbers have declined precipitously since their discovery nearly a century and a half ago. To understand how their numbers might be restored we will examine the reasons for their decline and explore the life history of the lemon lily through photographs taken in the San Jacinto Mountains of Southern California and photographs by nature photographer and AZNPS Cochise Chapter member Bob Herrmann of lemon lilies in the Huachuca Mountains. At his talk, Dave hopes to learn more about the status of lemon lilies in Arizona, particularly the Huachuca Mountains from chapter's members.

David Stith is a Registered Pharmacist and native plant enthusiast who for the past decade has undertaken an exhaustive study of the lemon lily and initiated numerous programs for its conservation and habitat restoration.

Flagstaff Chapter



Regular evening programs are presented on the **third Tuesday** of the month, **March through October**, at **7:00 PM**. These take place at **Shepherd of the Hills Lutheran Church**, 1601 North San Francisco St. Monthly field trips are usually scheduled for the following weekend, and are announced via e-mail and the *Arizona Daily Sun*. These events are free and open to the public. Unless otherwise announced, meet for carpooling to field trips at 8:30 a.m., at the OneAZ Credit Union parking lot at the southwest corner of Beaver and Butler. Bring sun and/or rain protection, water, snacks, lunch, and a car or gas money for carpooling. For more information, email Barbara Phillips at bagphillips@yahoo.com or call her at (928) 853-3355. The Chapter has established a Facebook website (<http://www.facebook.com/AZNPSFlagstaff>) where much useful information about the chapter and its members is posted.

Meetings

Tuesday, September 17: Charlie DeMarco. *The Natural History of Galls*



About six years ago while hiking the trails at the Highland Center for Natural History in Prescott, AZ, Charlie noticed something that had been there all along but had escaped his attention during previous outings. It was a small round red ball on a scrub oak leaf about three quarters of an inch in diameter. It looked like a tiny red apple. As he examined this curiosity, he noticed there were others just like it on the scrub oaks all around him. What was he looking at? At first it appeared to be a fruit, but it felt hollow and, most oddly, was attached to the leaf

and not at the bud; in fact, it appeared to have emerged right out of the middle of the leaf! Strange indeed. He concluded that it must be an insect's nest of some kind. Even more curious, he returned to the Center's office and when he inquired, he was told it was a gall. What is a gall? Little did he know at the time he would be spending many hours over the next six years delving deeply into this question.

Charlie is the founder of the Pinecrest Gall Research Station in Prescott.

Tuesday, October 15: Tina Ayers. *Namibia and Namaqualand*



In August, Tina made the trip of a lifetime with Randy Scott and Vera Markgraf to visit the Namib Desert. Tina's presentation will chronicle their two-week adventure to find the desert in bloom and to visit one of the more bizarre plants on earth, *Welwitschia mirabilis*. Surreal landscapes and succulents will be the emphasis of this presentation. There will also be a seed exchange of NATIVE ARIZONA plants.

Tina is Director and Curator of Deaver Herbarium, Northern Arizona University.

Phoenix Chapter



We have chapter meetings the **second Sunday** of each month from **September through May** at **2pm**. (If a holiday falls on our meeting day, it will be moved to the following Sunday.) These are usually held at the **Desert Botanical Garden**, 1201 N Galvin Parkway, Phoenix. You can keep up with us through the season and into the summer on Facebook (<https://www.facebook.com/aznpsphoenix>).

Chapter Offices

President: Kara Barron; Vice President: Natalie Melkonoff; Secretary: Lisa Rivera; Treasurer: Steve Blackwell; contact us at aznpsphoenix@gmail.com

Meetings

We will not hold our monthly meetings from June to August. Meetings will resume on Sunday, September 8. Chapter elections will be held for all positions in October.

Prescott Chapter



To stay up to date on all of our 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 Hills, p.hils@q.com; Treasurer: Sue Arnold, mazearnold@gmail.com.

Field Trips

Wednesday, September 18: Sue Smith. Grapevine Botanical Area

We will be collecting plants in the Grapevine Botanical Area. We may hike up to 6 miles with elevation change that is steep in a few locations. The trail is rough and damaged after the Goodwin fire, so wear hiking boots. Meet at the Frontier shopping center in the parking lot above Einstein Brothers Bagels at 7:30 AM. The last mile or so is a very rough dirt road in places, which usually produces Arizona pin-stripping and high clearance is necessary. If we have more interest than vehicles we can walk from the parking area and that does not require a tough high-clearance vehicle (adds 1.25 miles one-way). Please contact PrescottAZNPS@gmail.com to participate. Bring water and a lunch. It is expected that we will return to Einsteins by 4:00 PM, maybe 5:00 PM if we walk the extra mileage. Contact Sue Smith at 408-507-7706 or PrescottAZNPS@gmail.com to participate.

Saturday, September 21: Sue Smith. Mingus Mountain Area

We will explore a trail, possibly Ash Creek in the Black Hills east of Prescott. The actual location will be determined as we draw closer to the field trip date. There is a good chance we will travel on dirt roads and high clearance may be needed. Carpooling is needed so please let me know if you are willing to drive and how many passengers you can take. We will hike about 2 miles one-way. Meet at the Fry's shopping center in the parking lot near Taco Bell at 8:00 AM. Please contact Sue Smith at 408-507-7706 or PrescottAZNPS@gmail.com to participate. Bring water and a lunch. It is expected that we will return to our carpool area by 2:00 PM.

Santa Cruz Chapter



The Santa Cruz chapter meets the **first Thursday of every month at 6:00 PM**, alternating between Sonoita (at the fire station) and Patagonia (at the BRN offices on 1 School St).

Chapter Offices

President: Francesca Claverie (afclaver@gmail.com); Secretary: Ariana Raley (ariraley@protonmail.com);
Treasurer: Perin McNelis

Tucson Chapter



New meeting place! Our chapter has outgrown our former meeting space at the Ward 6 offices. THE NEW LOCATION for our monthly meetings will be at the Environment and Natural Resources Building, on the University of Arizona Campus. The building address is 1064 E Lowell Street, and the building is located between Lowell and 6th Avenue at the corner of Park Avenue. You can find it on a map at <https://map.arizona.edu/>. Use the magnifying glass icon and search for building number 120, the Dennis Deconcini Environment and Natural Resources Building.

Meetings will begin at 7:00 pm, typically on the second Thursday of each month. There is free parking just south across 6th street or you can use the parking garage next door on Lowell. Garage parking costs \$1/ hr after 5:00 pm. Save a couple bucks and carpool with a friend!

Chapter Offices

President: Jessie Byrd (jessie_byrd@hotmail.com); Vice-President: Andrew Cordery (ecotrot@gmail.com); Treasurer: Jackie Taylor; Secretary: Lyn Loveless (lyndloveless@gmail.com).

Meetings

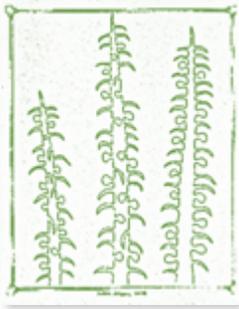
Thursday, September 12: Sue Carnahan and Curtis Smith. *Plants and Critters of the High Arctic Polar Desert*

Thursday, October 10: Betsy Arnold. *Inside Arizona's Stunning Plants, a Stunning Diversity of Fungal Symbionts . . . or, Everything You Wanted to Know About Endophytic Fungi, but Were Afraid to Ask*

Thursday, November 14: Elise Gornish. *Unexpected Drivers of Native Plant Community Dynamics in the Low Arizona Desert*

Thursday, December 12: Dan Beckman. *Rediscoveries and New Flora Additions in the Rincon Mountains High Country*

Yuma Chapter



Instead of conducting regular monthly meetings, the chapter is exploring a variety of activities. This approach will necessitate more flexible communications, so those interested in joining any of our events should request to be on our contact list by emailing yumanpsaz@yahoo.com. We have created a Facebook page (<https://www.facebook.com/YumaAZNPS/>) where useful information about our chapter can be found.

Judith Hillarie

Chapter Offices

President: Valerie Morrill (bebbia@hotmail.com); **Vice President:** Karen Reichhardt (ayekarina52@gmail.com); **Secretary:** Erv Barnes (aznpsyuma@yahoo.com); **Treasurer:** Tom Fox.

Welcome New Members!

Cochise: Marvin Hershberger, Connie Wolcott

Phoenix: Susan Holohan, Ron Parker, Austin Rasmusson, Alexander Ponikvar,

Prescott: Dawn Rocha

Tucson: Shelley McMahan, Daniel McNair, Noah Giebink, Douglas Koppinger

A Message from Pat Sanchez, Society Administrator

Yea, It's September! I look to this month as a bit of a milestone each year, as it gives me lots of hope of cooler temperatures in the low desert, color coming soon to the higher elevations, and many gatherings with family and friends in the weeks ahead. It is also getting very close to the time that the large majority of our society members will be receiving reminders to renew their soon-to-expire memberships. Annual dues are the very backbone of the society's ability to continue with the restoration, education, and outreach work that each chapter conducts.

The Arizona Native Plant Society has welcomed over 50 new members in the first 7 months of 2019. Please continue to welcome newbies, spread the information and invite friends, neighbors and acquaintances to join in the work and discovery that comes with membership. Most importantly, please reply promptly and generously when your membership renewal reminder arrives in your inbox.

Happy fall!

In Memoriam

H. Sheridan Stone, 1954 – 2019



H. Sheridan Stone passed away peacefully on 25 April 2019 following a long battle with the degenerative effects of Primary Progressive Aphasia. Sheridan was an accomplished wildlife biologist who for 30 years supported the conservation of biodiversity and sustainable land-use through the proper management of natural resources on the Fort Huachuca Military Reservation, Arizona.

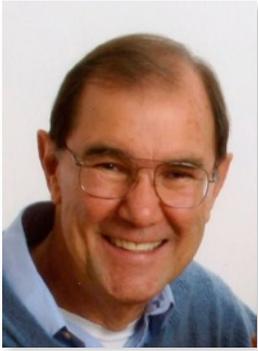
As an active and deeply interested member of the Arizona Native Plant Society, Sheridan undertook a number of important native plant monitoring and conservation initiatives on Fort Huachuca. He was also extremely generous with his time in leading field trips for interested environmental organizations. Sheridan also headed the Research Outreach Program on the Fort and was known and respected by all who worked with him and conducted research on and around Fort Huachuca. He definitely had an incredibly important impact as a professional and friend.

Among his many wildlife management accomplishments was his efforts to remove improper cave-gating at the Fort, which resulted in an increase of the then-endangered lesser long-nosed bats (*Leptonycteris yerbabuena*) from 24 bats in 1990 to more than 26,000 in 2010, contributing to the species' recent delisting. A strong advocate for cave management and protection, he coordinated with local caving clubs to restore damaged caves by removing trash and graffiti.

Sheridan was a member on several interagency species recovery planning and implementation groups, including the Western Bat Working Group, The Wildlife Society (TWS), the Arizona Native Plant Society, a board member of the AZ-TWS, chairperson and later a committee member on the Natural Area Program Advisory Committee for the Arizona State Parks Board, and as a member of the National Military Fish and Wildlife Association (NMWFA). This is but a small representation of the many organizations and programs to which he contributed his special talents over the years.

Born and raised in Richmond, Virginia, Sheridan attended the University of Montana, where he received a BS degree in Wildlife Biology, with minor emphasis in Habitat Management, and graduated with High Honors in 1976. He received a MS degree in Ecology and Behavioral Biology from the University of Minnesota, where he specialized in seals, in 1982. Prior to coming to Fort Huachuca, Sheridan worked as a research associate at the Scripps Institute of Oceanography (1986-1987), where he participated in field operations and data collection on marine vertebrates at a small, remote field camp in Antarctica. Between 1984 and 1986 he worked as a wildlife biologist for the National Marine Fisheries Service in Long Beach, CA, where he managed and conducted research on marine mammals and sea turtles and coordinated the California Marine Mammal Stranding Network.

Sheridan is survived by his wife, Bonnie Stone, of Sierra Vista, Arizona.

Ronald A. Coleman, 1946 – 2019

Ronald Albert Coleman, born on June 29, 1946 in New Orleans, Louisiana, to Cecil and Bernice Coleman, passed away on Thursday, July 25, 2019 at the age of 73 in Tucson, Arizona. He is survived by his beloved wife of 51 years, Jan; his sons, Joel (Shelly) and Troy; his four grandchildren, Gabriel, Clara, Graham, Owen, and six of his seven siblings as well as many nieces and nephews. Ron, a Christian, was baptized at age 11. As an adult he served as a teacher, deacon, and Elder of his church. Ron, an engineer, held a B.S. in Physics, two Masters in Engineering, and was proud of his technological contributions to the freedom and defense of his country. As a lifelong botanist, Ron was a long time member of the Arizona Native Plant Society, where he conducted field trips and made numerous presentations.

His principal botanical interest was native orchids, which led him to author two outstanding books on the native orchids of California, Arizona, and New Mexico. He also organized and conducted the 2016 annual meeting for the Native Orchid Conference in Southern Arizona. Among his botanical accomplishments was the clarification of the taxonomy of the coral root orchid genus *Hexalectris* in the Southwest. His work with that genus resulted in the naming of a species in his honor, *Hexalectris colemanii*.

Ron was a man of remarkable talents and possessed of a gentle, caring personality. He will be deeply missed.



Ron Coleman in the field



Coleman's coral root orchid (*Hexalectris colemanii*)



ARIZONA NATIVE PLANT SOCIETY
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