

Welcome to the Arizona Native Plant Society Botany 2020 Symposium

October 5, 6, and 7, 2020 – 7:00 to 9:00 PM



Theme: *Celebrating Arizona's Native Flora*



Mission: To promote knowledge, appreciation, conservation, and restoration of Arizona's native plants and their habitats.

Arizona Native Plant Society

- Eight Chapters
- Monthly Meetings
- Field Trips
- Restoration Projects
- Annual Conference/Symposium
- Publications
 - The Plant Press*
 - Happenings*



Cleaning Up and Starting Over

2010 In 2010 the Bureau of Land Management brought in heavy equipment to contour and rip the compacted soil on the areas.

2014 That same year the Arizona Native Plant Society stepped up to lead the buffelgrass removal, desert tree seeding, and construction of water harvest features.

2019 By 2016 over 2,000 tree seedlings and cacti were well established from hand seeding without supplemental irrigation. Over 100 native plants species have taken root from seeds that naturally dispersed from the adjacent desert.

Buffelgrass
(Cenchrus ciliaris) was introduced from South Africa by the U.S. Department of Agriculture in the 1930s as a range grass for cattle because it could withstand grazing pressure and erosion. By the 1990s buffelgrass had become a serious invasive weed, especially on desert slopes of southern Arizona. It outcompetes native plants for soil moisture and is highly flammable.

Between 2007 and 2007 volunteers led by Steve Oak removed buffelgrass by hand digging.

Volunteers contributed over 2,000 hours of work. This included Boy Scout Eagle service projects, the University of Arizona classes and clubs, Friends of Ironwood Forest, and Arizona Sonora Desert Museum groups.

By 2020, the formerly maligned Nichols tree seed and area appears had sprouted from seed and established themselves at this site.

Plants and cacti in this desert are highly vulnerable in the recent years because they have destroyed themselves and neighboring ones.



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:	jdogripley@gmail.com
Flagstaff Chapter:	Susan Heider:	susan257@com
Phoenix Chapter:	Lisa Rivera:	arpphoenix@gmail.com
Prescott Chapter:	Sue Arnold:	PrescottAZNPS@gmail.com
Santa Cruz Chapter:	Francesca Clavette:	Santacruzaznps@gmail.com
Tucson Chapter:	Lyn Lovelace:	lynlovelace@gmail.com
Upper Gila Chapter:	Kara Barton:	uppergilaznps@gmail.com
Yuma Chapter:	Valerie Morrill:	aznpsyuma@yahoo.com

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Waterman Restoration Site, Ironwood Forest NM

Botany 2018 Conference

Arizona Native Plant Society

- Annual Extended Field Trips
Chiricahua Mountains
Sonoran Desert
- Training Classes
Plant Atlas Project AZ (PAPAZ)
Grass Identification
- Website: aznps.com



Chiricahua Mountains



PAPAZ Class



Botany 2020 Symposium Agenda

5. Living the Vida Flora on Arizona's West Coast
Karen Reichhardt
and Val Morrill

6. The Sacred and the Beautiful: Portraits of a Few Iconic Northern Arizona Plants
Andrea Hazelton

7. The Sonoran Desert: Land of Tall Cacti and Small Trees
Philip Brown

8. Partnerships and Betrayal: Plant/Insect Interactions
Jillian Cowles

9. Birds and Native Plant Relationships
Rich Hoyer



1. Keynote: Major Ecoregions/ Biotic Communities of Arizona
Wendy Hodgson

2. Blurring the Borders: Cool Plants of the Arizona– Sonora Frontera
Sue Carnahan

3. Floristic Diversity in the Sky Islands of Southern Arizona
Jack Dash

4. Woody Plants of the Mogollon Highlands
Carl & Joan Tomoff