

ASSOCIATION OF WESTERN NATIVE PLANT SOCIETIES TO MEET IN PHOENIX

Representatives of the AWNPS will meet at the Desert Botanical Garden in Phoenix 11 October. In addition to business discussions, the members will tour the Desert Botanical Garden. Marc Mittleman, DBG Plant Propagator and Phoenix Chapter president, will lead that tour.

On Sunday, 12 October, the AWNPS representatives will tour Boyce Thompson Southwestern Arboretum in Superior (at about 9:30 a.m.).

ANPS members are invited to join these tours. Tucson members who are planning to attend should telephone Tim Clark at 326-8527 (evenings). Phoenix members should phone Marc Mittleman at 941-1217.

LeRoy Brady is in charge of local arrangements for the AWNPS meeting. He may be reached at his Phoenix office, 261-7357.

HELP	Volunteers are needed to drive AWNPS	HELP
HELP	representatives from Phoenix to Boyce	HELP
HELP	Thompson Sunday, 12 October. Please	HELP
HELP	get in touch with LeRoy Brady if you	HELP
HELP	can help: Phoenix 261-7357.	HELP



PHOENIX CHAPTER SCHEDULES FALL ACTIVITIES

The Phoenix Chapter has scheduled the following events for October and November.

- 11 & 12 October Participation in AWNPS tours described above.
- 13 October Regular monthly meeting at Desert Botanical Garden, 7:30 p.m. Barbara Lacy will speak on "Navajo Plant Medicine."
- 17-19 October Weekend at Mile Hi and the Ramsey Canyon Preserve for flora and fauna. Contact Marc Mittleman (265-0670) for further details.

- 8 November Day trip to visit one of the local wholesale growers of drought tolerant plants. Dimitrios Vlachos of V & P Nurseries will escort the group.
- 10 November Monthly meeting at DBG, 7:30 p.m. Lyle McGill will speak on the activities of NEWCAST (New Crops Applied Science and Technology).

Plans are underway for an arid lands Plant Fair to be held in Phoenix sometime in March 1981. Suggestions and help will be most appreciated.

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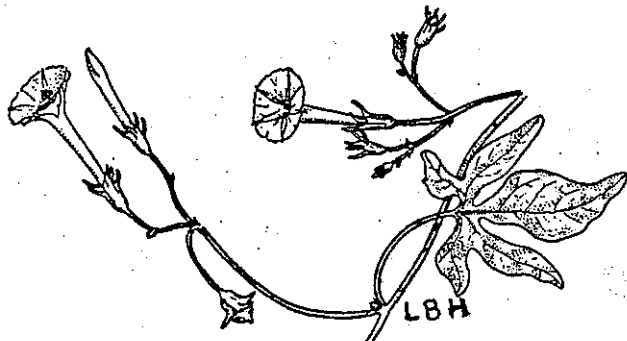
#### TUCSON CHAPTER LISTS ACTIVITIES FOR OCTOBER

- 4 October All morning tour of test plots of native and introduced arid plants at USDA Plant Materials Center, 3241 N. Romero Rd. Patrick Williams, Manager, will lead the tour. Be there at 9 a.m. Bring a picnic lunch if you wish. Be prepared to walk in dirt, possibly mud.
- 11 & 12 October Join AWNPS tours described on page 1. Phone Tim Clark, 326-8527 (evenings) if you plan to attend.
- 18 October 2nd Annual Native and Arid Plant Workshop, Porter Gardens, 2150 N. Alvernon Way, 10 a.m. to 4 p.m. See page 3 for more information.

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#### CHIRICAHUA MTS. WORKSHOP PROMPTS FIRST REPORT

The Coronado Ranch proved to be a delightful place for the members of the ANPS to get together on the Labor Day weekend. Those who enjoyed flowers from a higher elevation were especially favored. The approach to the canyon afforded a windshield acquaintance with the deep yellow flowered Zinnia grandiflora, also with numerous Cassia leptocarpa, previously seen in Texas Canyon. Red gilias, red and blue morning glories and Indian paintbrush graced the fence line. Upon entrance to the ranch headquarters we were treated to the beautiful Bouvardia and unusually long-tubed four o'clock, Mirabilis longiflora.



Red morning glory  
Ipomoea coccinea

Those who visited the horse pasture saw the purple flowers on the wild potatoes, as well as meadow plants others will doubtless cover. A trip along the creek upstream from Sycamore Camp gave a nice place to walk but little new in plants. From its upper end the trail takes one up the hill where a branch turns down to a delightful spot with bracken fern alongside a small stream. There is a nice place for a leisurely lunch on a fallen log.

Tim Clark and his helpers deserve our thanks for an outing all will look forward to again.

Louis and Lucretia Hamilton

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## 2ND ANNUAL NATIVE AND ARID PLANT WORKSHOP TO BE HELD IN TUCSON

The workshop will be held Saturday, 18 October, at Porter Gardens, 2150 N. Alvernon Way, starting at 10 a.m. and lasting until 4 p.m. The final program is not yet confirmed but it will include demonstrations and talks by specialists on such topics as seed collecting, treatment and germination techniques; propagation of native and arid plants, succulents and cacti; planting and care techniques; design and availability of plant materials. The workshop is free to the public. Bring a box lunch. Non-alcoholic beverages will be sold throughout the day.

Volunteer help is needed for this workshop. Judy Conger and Tim Clark are the co-directors. They may be reached at 626-4595 (day, Tim Clark) and 623-8357 or 326-8527 (evenings, J. Conger and T. Clark).

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## TUCSON CHAPTER TO OFFER INTRODUCTORY AND PLANT TAXONOMY CLASSES

The Tucson Chapter is studying the possibility of a 6-to-8 week evening class in introductory botany for its members. Classes would start in mid-January 1981. The course would be designed to prepare the student for a beginning plant taxonomy class tentatively scheduled from early March through May.

An 8-week intermediate plant taxonomy class for the study of composites, grasses, and other flowering plants began 18 September. It is hoped that this class can meet again in the spring to continue the study of flowering plants.

Members interested in these or any other type of educational programs should contact either Donlon LoBiondo at 299-6351 (evenings) or Tim Clark, 326-8527 (evenings).

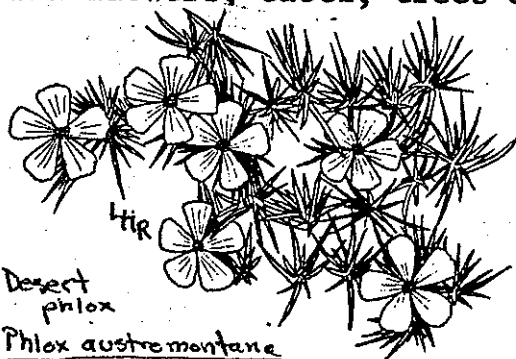
### SEEDS WANTED FOR RAMSEY CANYON PRESERVE

This preserve of The Nature Conservancy wishes to plant native plants to attract hummingbirds into Ramsey Canyon. A long range goal is to decrease the dependency upon artificial sugar feeders. The Mile Hi Station of the Canyon is located at approximately 5,600 feet in a mixed Big-tooth Maple, Sycamore, Juniper and Oak transitional zone with a constantly running stream. Members are urged to collect seeds and give them to any chapter officer. Some suggested species to collect are: Zauschneria californica, ssp. latifolia; Penstemon palmeri and parryi; Lobelia cardinalis; Bouvardia glaberrima; Aquilegia chrysantha; and Stachys coccinea.

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### BOOKS

PLANTS OF THE VIRGIN MOUNTAINS, a guide to the common and colorful wildflowers, cacti, trees and shrubs native to Arizona's Virgin Mountains, is published by USDI, Bureau of Land Management, Arizona Strip District (U.S. Government Printing Office 1980-684-931-2280).



Lee H. Rentz did the drawings and descriptions; Frank J. Smith did the botanical investigations. The book includes chapters on plant patterns, meanings of flowers, photographing wildflowers, drawings and descriptions. A page of references is given. The index

includes both Latin and common names.

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### TUCSON'S SPOTTY RAINSTORMS ARE MEASURED AND MAPPED

If you are reading a rain gauge, you could contribute to a Tucson community service.

Pima County Flood Control District will supply forms with space available for documentation of up to three separate storms for each day of the month. About 100 observers already have numbers assigned to their inexpensive, plastic wedge gauges. These numbers are entered on a map so that the extent and timing of major summer and winter storms can be studied.

If you are willing to contribute data to this project, call Phil Lowe or Brian Reich at 882-2622.

NEWS AND NOTES

A free seed list, featuring wildflowers and native lawn grasses is available from Plants of the Southwest, 1570 Pacheco Street, Santa Fe, NM 87501.

NETWORK, an intermittent newsletter to a network of friends of the native flora, is published by the National Alliance for Plants, c/o Alice Q. Howard, 6415 Regent St., Oakland, CA 94618.

The Desert Botanical Garden will sponsor its Third Botanical Art Show 22-30 November at the DBG Webster Auditorium.

A desert garden has been opened in Tucson by the owners of The Haunted Bookshop on land adjacent to their shop on Northern Avenue near Oracle and Ina. Specimen plants in the garden are identified, an area is designated for birdwatching, several picnic tables invite relaxation. In addition to the native plants in situ more unusual specimens are in planters.

SCIENCE 80 for July/August includes an article on "Cactus Rustling" by Bonnie Bilyeu Gordon. Richard Countryman, director of Arizona's Agriculture and Horticulture Commission, is featured. Tucson Chapter member, C. W. Ferguson, is also mentioned for his expert testimony in plant theft cases.

The Summer 1980 number of DESERT PLANTS included a number of articles of wide interest, especially a report of major length by Richard S. Felger on the "Vegetation and Flora of the Gran Desierto, Sonora, Mexico."

Seeds of native plants are desperately needed by ANPS as well as the local chapters. Please identify the seeds and document the collection area and date of collection.

Next Newsletter deadline is the first of November. Submit copy to The Editor, ANPS Newsletter, 6602 N. Cibola Av., Tucson, AZ 85718.