



CLAYTONIA

NEWSLETTER OF THE ARKANSAS NATIVE PLANT SOCIETY

Autumn 1998

Vol. 19, No. 3



From the President's Desk

Thank you for making this an enjoyable year for me as President; and now, let us welcome Stephen Marak and John Simpson as our next President and President-elect. The nominating committee (Carl Hunter, Lana Ewing, and Lois Wilson) submits the following slate of officers to be voted on at the Fall meeting: Robert Wright, one of ANPS original founders, (Vice-president), Jason Anders (Treasurer), Ron Doran (Editor of the Claytonia), and Carl Hunter (Arkansas Conservation Coalition Representative). Of course, nominations will be taken from the floor.

Please bring lots of items for the auction and bring seeds for distribution during the seed exchange.

If you want to buy either a hand lens or "Keys to the Flora of Arkansas", a few will be available at the meeting and at cost.

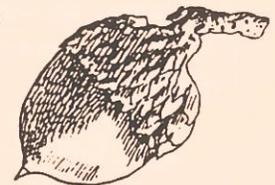
New members, we welcome you and hope to see you in Clarksville and/or on field trips.

As I think of things done and things yet to do, three items are foremost in my mind. First, please consider pursuing the monitoring of all our fifty four Natural Areas (in conjunction with ANHC). The Nature Conservancy has also invited us to assist them by helping to monitor their "...rare and threatened communities..". What an opportunity for us to see the areas and obviously our efforts have value to those organizations. Also, I would hope that ANPS will continue to encourage the publishing of a flora for Arkansas.

At Mt. View, you voted for ANPS to be a repository for funds for this purpose. What better use of "conservation funds" than to provide "seed money" for this purpose if we were given the opportunity? In addition, please consider financing the design and publication of a first-class, color brochure for promotion of ANPS and its purposes.

See you in Clarksville.

Don Crank



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FALL MEETING

WHEN: SEPT. 25, 26, 27

WHERE: University of the Ozarks, Clarksville

MAKE YOUR ROOM RESERVATIONS SOON

FALL MEETING
University of the Ozarks
Clarksville

Directions to campus

Take Hiway 103 (Rogers Avenue, same street Comfort and Best Western are on) from I-40 to Cherry Street (the first street past the Main St. stoplight.) Turn left. Go about 6 blocks and turn right onto College. When you reach the University, you will see public parking lots on the right. We will have signs indicating where the meetings are. See campus map on page 3.

FRIDAY, SEPTEMBER 25

4:00 - 6:00 p.m. Registration
 Baldor Auditorium in the Boreham Business Building

6:30 p.m. auction - Carl Amason
 auctioneer extraordinaire!
 Executive Board Meeting following.

SATURDAY, SEPTEMBER 26

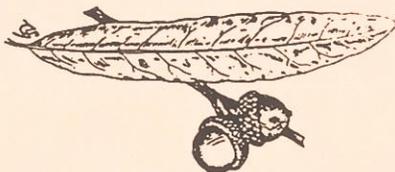
8:30 MORNING FIELD TRIPS
 Led by Gary Tucker and Gene Leeds

1:30 AFTERNOON FIELD TRIPS

7:00 p.m. - Business meeting.
 (Includes election of officers.)
 Program section
 Carl Hunter - short (10-15 minutes)
 Janet Carson (main speaker)

Sunday, September 27

Everyone has been invited to Mary Ann King's place in London.
 Time to be announced.

**Accommodations**

The Comfort Inn has given us a rate of 2 people for \$40.00 plus tax or a room with 2 double beds and up to 4 people for \$45.00 plus tax. They will hold rooms until 9/15. 1167 S. Rogers Avenue, Clarksville, AR 72380, phone 501-754-3000.

Please call this number and not the toll free number to guarantee the special ANPS rate. Free continental breakfast, non-smoking rooms available, ground level and 2nd floor rooms available. Exit 58 north from I-40. Fax number 501-754-4131, check in 3 p.m., check out 11 am."

Best Western, also on Rogers Avenue, near the Comfort Inn. Exit 58 north from I-40. P.O. Box 146, Clarksville, AR, 72830. \$49.00 plus tax.

Reservations 1-800-780-7234 or 1-800-528-2222 hearing impaired or 501-754-7900 direct. Check in 6 p.m., check out 12 noon.

Super 6, also on Rogers Avenue. Exit 58 from I-40. 1238 Rogers Avenue, Clarksville, AR 72830. Reservations 1-800-800-8000 nationally or 501-754-8800 direct. Check in 11 am, check out 11 am. Rooms for 2 adults from \$46-52 plus tax per night.

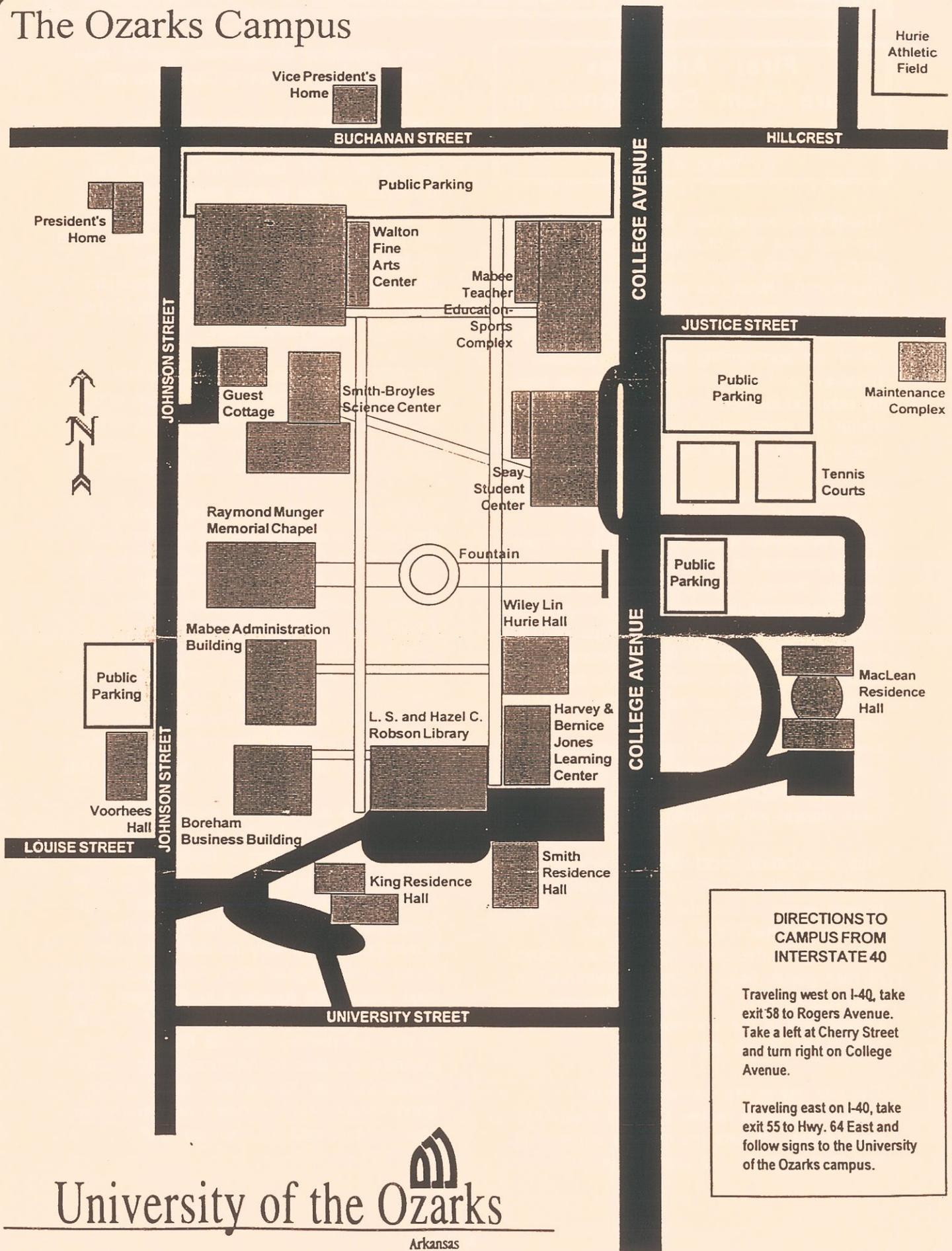
Economy Inn, I-40 & Exit 58 (Rogers Ave), Clarksville, AR 72830.
 501-754-2990.

Hampton Inn, I-40, Exit 55, Clarksville, AR 72830. 1-800-HAMPTON nationally or 501-754-4444 direct, rates \$49-55 plus tax for 2 adults.
 Check in 1 p.m., check out 11 am.

FOOD

Woodward's Family Restaurant, serving breakfast, lunch, and dinner is next door to the Comfort Inn. Fast food chains such as Wendy's, McDonalds, KFC, etc. are within a few blocks of the motel."

The Ozarks Campus



Hurie Athletic Field

Vice President's Home

BUCHANAN STREET

HILLCREST

Public Parking

President's Home

Walton Fine Arts Center

Mabee Teacher Education Sports Complex

JOHNSON STREET

COLLEGE AVENUE



Guest Cottage

Smith-Broyles Science Center

JUSTICE STREET

Public Parking

Maintenance Complex

Raymond Munger Memorial Chapel

Seay Student Center

Tennis Courts

Fountain

Public Parking

Mabee Administration Building

Wiley Lin Hurie Hall

COLLEGE AVENUE

Public Parking

MacLean Residence Hall

L. S. and Hazel C. Robson Library

Harvey & Bernice Jones Learning Center

Voorhees Hall

Boreham Business Building

LOUISE STREET

King Residence Hall

Smith Residence Hall

UNIVERSITY STREET

DIRECTIONS TO CAMPUS FROM INTERSTATE 40

Traveling west on I-40, take exit 58 to Rogers Avenue. Take a left at Cherry Street and turn right on College Avenue.

Traveling east on I-40, take exit 55 to Hwy. 64 East and follow signs to the University of the Ozarks campus.

University of the Ozarks



Arkansas

First Arkansas Rare Plant Conference an Unqualified Success

by Wayne Owen

The first Arkansas Rare Plant Conference on the 11th and 12th of August was bigger, more fun, and more rewarding than anyone had hoped. Ninety-six people attended the two-day meeting in Hot Springs. They came from every corner of Arkansas and nearly all of our surrounding states. Hard-core botanists and wildflower gardeners sat side by side and learned more than they expected about the identification and status of rare plants in the Natural State.

The stated purposes of the conference were to improve the level of awareness about Arkansas' rare plants and to increase our knowledge of their distribution and ecology through involving the broadest cross-section of the botany community. We think we met our mark. In addition to illuminating new locations for several of the species that we reviewed (see Claytonia Summer '98), we learned something about the threats to some populations, the security of others, and how to recognize some of these unique plants so that when the next Rare Plant Conference rolls around more people will be able to contribute.

This information most directly benefits the Arkansas Natural Heritage Commission and federal agencies like the Fish and Wildlife Service and the Forest Service, but knowledge of the distribution and abundance of rare plants helps everyone interested in Arkansas botany. Of course the biggest benefactors of our successful effort are the rare plants of our state.

The first day of the Conference was consumed with a review of more than 140 rare plants. It was my distinct impression that people paid more attention when we

were discussing *Cypripedium* species than when we were discussing *Carex* species.

The second day of the conference was probably more broadly entertaining. In the morning, Dr. Doug Jeffries from the University of the Ozarks lead a very stimulating discussion on Arkansas lichens. He was followed by an in-depth presentation on the mosses and liverworts of the southeast by Dr. Dan Marsh of Henderson State College and Dr. Frank Bowers of the Missouri Botanical Garden.

All this talk about "lower life-forms" generated considerable conversation and comment and all in attendance came away with a better appreciation for the more delicate members of the plant kingdom.

The second day was also a day to go out into the field to see some of the plants we had talked about. Trips were made to Meyers Creek to see ferns and orchids, Rainy and Fiddler Creeks to see the endangered *Ptilimnium nodosum* (*harperella*) and the rare *Xyris difformis* var. *difformis*, and Dripping Springs to revel in the ferns and bryophytes. The field trips were fun for all and had the added benefit that everyone learned and saw new things. Life doesn't get any better than that.

What is the future of the Arkansas Rare Plant Conference? We are currently in the process of writing a formal report for state and federal land management agencies to help them better manage the rare plant resources in Arkansas. The Conference Evaluations were very helpful and have given us many good ideas for improving the next event (like having it in a bigger room and showing pictures of the habitat of each of the rare plants). At this time, we are planning the Second Arkansas Rare Plant Conference for late winter, early spring 2000. Mark your calendars now and keep your eyes peeled for the rare stuff.

ANPS Fall Field Trips

Saturday, October 10

Fall wildflower drive in the Ouachitas.
Meeting place will be the Harvest Foodstore
at Malvern and Grand in Hot Springs at 8:00
AM.

Saturday, October 24

Calion

Carl Amason will be hosting a trip at his
home. (870) 748-2362
Time: 9:00 a.m.

Directions: Those coming from the north,
Follow US 167 when the concrete of the
river bridge (Ouachita River) changes to
blacktop go 0.9 mile to the intersection of
Calion's Main Street which does not go
across 167, turn left and then go 0.5 mile
cross the old railroad dump, turn right onto
Hoover Street between two cyclone fences,
go one block, STOP sign, turn right on Ward
Street which curves, crosses the end of
Calion Lake, go 0.5 mile when Ward
becomes county road, then 0.8 mile to
Carl's place on the right. There are no
house on the left but three houses on the
right. From El Dorado, go 2.5 miles past
AR 335 to Calion's Main Street. There is a
small closed brick building on the north side
of the intersection, only woods on south side

ANPS regional chapters also schedule
their own field trips and activities.
Please contact the chapter presidents for
information concerning their activities:



Nature Conservancy Field Trips

Special Note

*All Nature Conservancy field trips require
advance registration. See registration form
on page 9.*

Fall Canoe on the Bayou.

Saturday, October 3

Benson Creek Natural Area

Gently float through tupelo and cypress
trees in the braided wetland channels of
Bayou De View located near Brinkly in
Monroe County.

Bring a sack lunch. Drinks will be provided.

Leader: Leslee Spraggins

Time: 8:00 am - 2:00 p.m.

Meeting place: meet at Arkansas Field
Office and carpool to the sight.

Cost: \$20.00/person (limit 14)

Fall in the Ozarks

Newton County

Saturday, October 17

Ozark Ecotours is a job creation program of
the Newton County Resource Council, a non-
profit community development corporation
offering responsible travel that promotes
appreciation and protection of the natural
resources and rich cultural heritage of the
county, as a special treat for Conservancy
members, three hikes led by local guides
are being offered featuring:

- 1) Archeological elements and points of
interest (easy to moderate)
- 2) An historical and cultural perspective of
the county (easy to moderate)
- 3) Unique aspects of the natural community
(moderate)

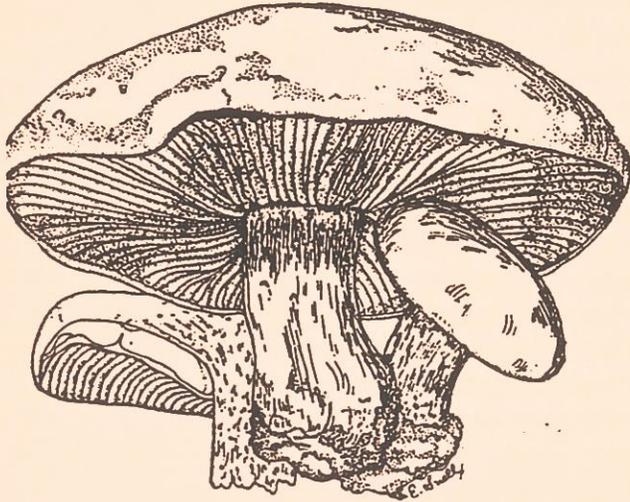
Leader: Ozark Ecotours and Page Shurgar

Time: 9:00- afternoon

Meeting place: Newton County Courthouse
in Jasper.

Registrants will be sent a map (indicate on
the registration form if you would like to
carpool from Little Rock) [cont. next page]

Cost: \$15.00/person. Limit 12 persons per group. Please rank (1-30 on the registration form which outing you would prefer. (Note: we'll try to give everyone their first pick -- so get your forms in early!)



Mushrooming in the Ozarks

Alum Cove, Ozark National Forest
Saturday, November 14

Alum Cove is an area of special geological interest with unusual rock formations including a "Natural Bridge" that early settlers used as a wagon trail. For naturalist, Alum Cove has a large variety of tree species as well as mushrooms. Join us for a day of mushrooming to look for Honey mushrooms, Oyster mushrooms and a variety of others.

Bring a sack lunch. We will eat overlooking the scenic Buffalo River.

Leader: Jay Justice, President of the Arkansas Mycological Society.

Meeting place: Alum Cove. Registrants will be sent a map to the meeting place.

Time: 10:00 am - 2:00 p.m.

Driving time from Little Rock 2 and 1/2 hours. (indicate on registration form if you would like to carpool from Little Rock)

NATURE CONSERVANCY WORK PARTIES

Please contact Conservancy Stewardship Volunteer Coordinator Page Shurgar at the Arkansas Field Office (501) 663-6699 ext .61 or pshurgar@tnc.org if you plan to attend the work parties or need directions to the site. Your help is needed!!!!!!

TERRE NOIRE

September 26

November 7

December 5

We will be establishing erosion barriers, removing cedars, and reseeding washed out areas at both Terre Noire and International Paper Blackland Prairie.

Place: Terre Noire Natural Area near Arkadelphia, Clark County

Time: 9:00-11:00 am

Leaders: Kathryn Burchfield and Page Shurgar.

BAKER PRAIRIE

October 3

November 7

This fall at Baker Prairie volunteer efforts will be concentrating on fencerow removal, erosion control, seep collection and planting

Place: Baker Prairie Natural Area in Harrison, Boone County.

Time: 9:00- 11:00 am

Leader: Cheryl Satterfield





**In Appreciation of
Vaccinium staminium
by Carl Amason**

Among the many pleasant, lovely or beautiful flowering plants that grow naturally in Arkansas, the *Vaccinium staminium* is one of the most distinct. It is found almost statewide except on the Grand Prairie and Mississippi Delta Regions and is well known to those who appreciate the native plants.

First the blooms are considered. It is considered now to be a *Vaccinium* species but its white flowers are so star shaped with its radiating petals, not united petals of urn shaped flowers that is common to the other species of Arkansas *Vaccinium* natives. They have been aptly described as resembling -- with imagination of course, a ballerina's tutu, the short flaring skirt that ballet dancers wear when performing. And this distinction makes it different to the point that early botanists frequently considered it to be a different genus. The flowers are born in early spring in small clusters and it seems that most often they occur just as the fresh green leaves are

developing, giving a rather pretty spring show when so many other flowers are coming into early spring flowering. The stamen and pistil are exerted beyond the corolla (petals), again with vivid imagination, like the legs of a ballerina. These flowers develop into berries.

Second: The fruits are large, for a *Vaccinium*, greenish round berries that really develop poor color -- to greenish purplish, that dangle on long peduncles, but are really not tasty for human beings but are eagerly eaten by birds and other wildlife, hence some local names of deerberry, gooseberry, and perhaps other "animal berry" that is not wide spread in usage.

Third: The leaves are light but bright green when developing but grows into light but dullish leaves that are simple, entire, perhaps shiny, to over two inches long but usually from one to two inches long and about 1/2 inch wide. The leaves develop no color for the autumn season in spite of being deciduous. At this time the berries are long gone.

Fourth: The shrub is stoloniferous, usually making a compact cluster of irregularly branched bushes that are between two and three feet tall. It is well behaved in cultivation, but for some reason, people don't consider it a worthy garden addition as it should be grown more often, especially in a woodland garden where it prospers in light shade and sandy acid soils. When established, it needs no additional watering and fertilizer. It can grow in quite dry areas to moist slopes but it must be well drained.

For those who like to make arrangements of native plants in bloom, the branches last well and really can stump and confuse the ordinary people who do not realize what a showy plant they have been missing. And in winter the bare limbs have an Oriental splendor. So it is a plant for all seasons.

OUTDOOR CLASSROOMS

Here is what we need at Arkansas Natural Heritage in order to process "special areas" which you want us and ANPS to know about:

LOCATION: County, nearest town, township, range and section (if you know it), very specific directions to the area. Also a map would be nice but is not necessary.

OWNERSHIP: Do you know who owns it? If so who?

KIND OF SITE: Swamp, forest, prairie, old field, spring, glade, etc. Be as specific as your knowledge allows.

WHY IS THE AREA SPECIAL: Does it contain rare plants, unusual habitat or community, an interesting mix of plants, a diversity of natural features that might make it useful as an outdoor study area? Something else?

PARKING: Is there room for a school bus to park? Turn around?

Please send your information to:

John Logan
Arkansas Natural Heritage Commission
1500 Tower Building
323 Center Street
Little Rock, AR 72201



Fourth Central South Native Plant Conference

Friday, October 23, and 24th are the dates for this native plant conference to be held this year in Birmingham, Alabama.

The conference is designed to foster awareness and appreciation of plants native to the Southeast. Registration fee is \$65 if paid by October 10. \$80 after that date.

For further information contact Mary Joe Modica, University of Alabama Arboretum, Tuscaloosa, Alabama at 1-888-349-1815.



Editor's End Note

Thanks to all of you who sent in information or articles for this issue of your newsletter. Keep them coming!!!

I can't promise you that they will get in the next issue, but they will appear as soon as we have space. Chapters, are you still out there? Other members would like to hear what is happening in your parts of the state.

Have you noticed that after a hot and dry summer many of our imported plants have been stressed to their limit but most of the natives are "hanging in there" and some of them have even managed a spectacular display despite September temperatures in the 100+ range. I have even found a couple of composites in my upper field that are new to me.

Thanks again for your articles. See you at the fall meeting!

1998 Nature Conservancy Field Trip Registration Form

Name _____
Address _____

Telephone (day) _____
(evening) _____

Trip _____ date _____
in party _____

Trip _____ date _____
in party _____

Trip _____ date _____
in party _____

Trip Fall in the Ozarks (rank 1-3 in order of preference)
____ Archeological # in party _____
____ Historical/cultural # in party _____
____ Nature hike # in party _____

Cut and mail this registration form with your registration fee to:

The Nature Conservancy
601 North University
Little Rock, AR 72205



✂ -----

Arkansas Native Plant Society Membership Application

Please check below.
Membership Categories:

- \$10..... Student
- \$15..... Regular
- \$20..... Supporting
- \$25..... Family Membership
- \$30Contributing
- \$150.... Lifetime Membership (55 and over)
- \$300Lifetime Membership (under 55)
- New Member
- Renewal
- Address Change

Name _____

Address:

Street or Box _____
City _____
State..... Zip _____

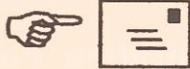
Telephone: _____ - _____ - _____

E-Mail address _____



Please cut and send this form along with any dues to:

Eric Sundell, Membership ANPS
Division of Mathematics and Science
University of Arkansas
Monticello, AR 71655



Please check your mailing label!
 If your mailing label has a 97 or
 earlier it is time to renew!
 Life members will have an LF

Please fill in the information form on the
 bottom of page 9 and send with your renewals,
 applications for membership, changes of name,
 address, e-mail address or telephone numbers
 to the address given on the form: [Not to the
 editor.]

**1997/98
 ANPS OFFICERS**

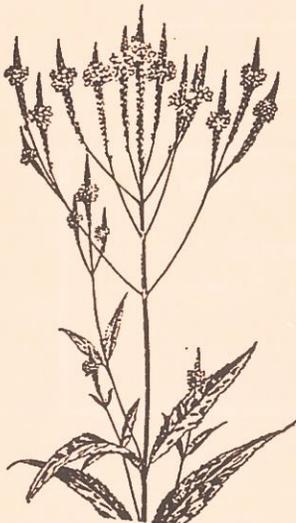
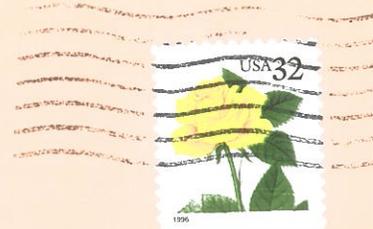
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 Ark. Coalition: Carl Hunter....(501)455-1538
 Awards/Scholarship: Annette Holder
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 (501)623-7252



*The purpose of the
 Arkansas Native Plant Society
 is to promote the preservation, conservation, and study of the wild plants and vegetation
 of Arkansas, the education of the public to the value of the native flora and its habitat,
 and the publication of related information.*

Claytonia

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