



# Claytonia

Newsletter of the Arkansas Native Plant Society

Fall 1981

Robert Wright, Editor  
Department of Biology  
UCA

Conway, AR 72032  
450-4146

"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."

The autumn season is fast approaching, and with it the feet of plant lovers grow restless. Here is the ANPS menu of activities through January. It's a collection of events ranging from gentle to strenuous, mostly in between. Surely there will be something to tempt your appetite for field tripping.

## FALL GENERAL MEETING, HOT SPRINGS

On October 9 and 10 we will gather in Hot Springs under the general theme, WOODY VEGETATION. A series of meetings and field trips will culminate in a presentation from Bill Shepherd of the Arkansas Natural Heritage Commission. In order of occurrence, here are the events. All the indoor events will be at the Royal Vista Inn, 2204 Central near Oaklawn.

### FRIDAY, OCTOBER 9

5:30 p.m. Supper on your own. Seating space will be reserved at the Royal Vista.

7:00 p.m. Annual business meeting, ANPS. Election of Vice President. (Nominating committee has nominated Freeman Thomas.) Reports, discussion of field trip ideas.

7:30 p.m. "Places to enjoy plants in Hot Springs" by Earl Adams, Chief Park Interpreter, Hot Springs National Park.

8:00 p.m. "I was there." Slides taken by members at previous ANPS activities. Members, you're each invited to bring up to 10 slides (labeled and with your name). Give them to Randy Johnson before the business meeting.

### SATURDAY, OCTOBER 10.

There will be two or three field trips going on at the same time. Select whichever ones you want. All trips leave from the Royal Vista parking lot.

9 to 12 a.m. "Trees of the Trap Mountains," with Dr. Dan Marsh  
Carpool to unique area of the Ouachita Mountains.

9 to 12 a.m. "Trees and Trails in Hot Springs National Park" with Park Aid Gail Patton.

9 to 12 a.m. "Trees and More" with Dr. Dwight Moore. A short and leisurely walk in Hot Springs National Park with the author of *Trees of Arkansas*.

12 to 1:30 p.m. Lunch on your own.

1:30 to 4 p.m. "Ecological Monitoring of Rare Plants" with Robert Wright. Follow-up of Spring meeting; standardized repeatable techniques for assessing rare plant populations.

1:30 to 4 p.m. "Barking up the Wrong Tree?" with Freeman Thomas. Tree identification using a scientific key and hand lense (bring yours).

5:30 p.m. Banquet at Royal Vista. \$5 per person, no reservations needed.

6:30 p.m. Illustrated lecture, "Protected and Non-protected Rare Plants in Arkansas" by William Shepherd, botanist with the Arkansas Natural Heritage Foundation.

ACCOMMODATIONS. Rooms are available at the Royal Vista Inn. Other nearby motels and hotels, ranging from \$35 to \$14 for singles, include (in descending order of price):

Holiday Inn, Hwy. 7 S. 525-1391

Travelier Motel, 45 E. Grand. 624-4681

Avanelle, Central and Grand. 321-1030

— Royal Vista Inn, 2204 Central. 624-5551

Fountain Motel, 1622 Central. 624-1262

Romer Motel, 111 Prospect Ave. 623-6646

Best Motel, 638 Ouachita. 624-5736

Camping facilities abound, especially on Lake Ouachita, and include: Lake Catherine State Park, Hwy. 171 4 mi. from Hwy. 290. 844-4176. Lake Ouachita State Park, Hwy. 270 W., Hwy. 227, follow signs. 767-9366. Camp Lake Hamilton, Hwy. 7 S. 525-8204.

Many thanks go to Nola Baber-Green for her help in locating the meeting place and accommodations, and for program ideas. You won't want to miss this one.

#### ACTIVITIES, SEPTEMBER-JANUARY

Attend any of these you wish, but be sure to call the leader ahead of time. Space is sometimes limited, and you would not want to be turned away disappointed. Remember to provide your own food and drink if an event extends over mealtime.

SEPTEMBER 19, Sat., 10 a.m.-2 p.m. Wild edible plants workshop, Mena, by Freeman Thomas. Slide lecture, plant specimens, cooking, literature, field excursion, tips on collecting. \$4 fee to cover cost of materials. Meet at S.W.E.P. Co. building across street from courthouse. Aileen McWilliam, 394-2746.

OCTOBER 9 and 10. Fall general meeting, Hot Springs.

OCTOBER 3, 10, 17, 24, Saturdays, 10-12 a.m. Fall rambles, Pinnacle Mountain State Park. Tree identification, past and present uses. Moderately strenuous 2 mile trail. Parties of 10 or more should reserve in advance. Meet at Visitor Center. 868-5806.

NOVEMBER 7, Saturday, 1-4:30 p.m. Identifying wild and edible mushrooms, Pinnacle Mountain State Park, by Jay Justice. Illustrated lecture, preserved specimens, books, field identification on park trails. Reservations not required. Meet at Visitor Center, 868-5806.

DECEMBER 5, Saturday, 9:30 a.m.-3 p.m. Devil's Hollow Hike, Mulberry. Strenuous walk, deep rugged canyon, no trail, some rock scrambling, steep climb. Walking fern, yellowwood, Boston Mountain flora. Meet in Mulberry at the Dairy Delight near intersection of Hwys. 64 and 215. Gwen Barber, 997-1369.

JANUARY 16, Saturday, 1-4:30 p.m. Winter twig identification, Russellville. Practice in identification by use of scientific key, microscope, hand lense. Meet on Arkansas Tech. campus, botany lab, McKeever Hall, 1 block north of student center. Gary Tucker, 968-7061.

JANUARY 31, Saturday, 1-4 p.m. Twigs of the Winter Woods, Conway. Unique keying system explained by the author of Winter Twigs of Arkansas. Tom Clark, 4501-377. (Ed. note: this trip is tentative; when you call Tom he can confirm and give location.)

#### SPRING MEETING BEARS FRUIT

Gary Tucker and his group deserve our thanks for organizing an effective program on monitoring rare plants at the Russellville meeting in April. Following the meeting, members and friends got to work. Jeff Rettig of the Arkansas Natural Heritage Commission reports the following:

Last meeting's seminar on rare plants at Russellville has resulted in some very good plant finds for Arkansas. One ANPS member told us about some rare plants discovered by some of her very observant friends.

The first plant was the orchid Rose Pogonia (Pogonia ophioglossoides) from Jefferson County. It was collected in the state once before, in 1950 in Saline County by Dr. Dwight Moore. Three other special plants turned up at the site through extensive field investigations: Grass Pink (Calapogon pulchellus), a Yellow-eyed Grass (Xyris sp.), and the rare Crested Fringed Orchid (Habenaria cristata).

The second plant was the Catchfly Gentian (Eustoma exaltatum) found near the Arkansas River. The species was first collected in 1948 by Dr. Moore but was reported as Bluebell Gentian (E. grandiflorum). Upon further examination the 1948 collection turned out to be Catchfly Gentian too.

We've also had some leads on other special plants, but we're waiting on complete data for those. As it turned out, some keen-eyed people out in the field turned up locations for plants that haven't been seen in Arkansas for over thirty years!

We should add that several populations whose locations are known are now being monitored by society members. These include Alabama snow wreath, Neviusia alabamensis, near Conway. If you are monitoring rare plants other than those mentioned here, please let the editor know.

If you haven't yet gotten in on the rare plant project, here are highlights from the Russellville meeting.

Gary Tucker introduced the idea of adopting a pet plant, one that is easy to identify and practical to work with. Jeff Rettig distributed for Natural Heritage Commission a list of adoptable pet plants the Commission is anxious to have monitored. Gary and Gwen Barber emphasized the need to follow rare plant populations closely, using techniques that can be repeated.

Initial information about any pet plant includes correct identification, preservation of a voucher specimen, and a very specific description of the location. When monitoring the population by repeat visits, the size of the population must be recorded. This means counting or estimating the number of individuals, or measuring how much area is covered.

It is also important to record details of habitat such as slope direction, soil and soil moisture status, light, and seasonal changes. Associated species should be noted.

Jeff Rettig distributed copies of Plant Survey Forms used by Natural Heritage botanists, which provide for much of the above data. (Editor's note: Since estimating population size is tricky business, a future field trip will focus on techniques to do this.) Jeff, Gwen, Gary, and Richard Davis (Natural Heritage Commission) led a field tour to several small populations of unusual plants, where participants practiced assessing small populations. We learned the impact of local habitat variation, season, and pure change on observing herbaceous populations.

At the business session of the Spring meeting, members voted to approve a by-law permitting local chapters of ANPS. The treasurer's report showed a balance of \$595.00. Legislative watching at both state and national levels was urged, and several specific ideas mentioned. Continued development of the Arkansas Environmental Conservation Coalition was reported by Randy Johnson, our representative.

ODDS AND ENDS

Carl Hunter, ANPS member, reports funding for his book Wildflowers of Arkansas. There are to be about 500 color prints, and Carl would like to hear from anyone having slides or prints which might be suitable. His address is 10524 Diamond, Little Rock, AR 72209.

Your newsletter is marked "dues payable" if you owe dues for 1981. Please send your \$5 to the treasurer, Don Peach, Route 1, Box 282, Mena, AR 71953.

Suggestions from you members for field trips will be very helpful in planning spring activities. Send them to Randy Johnson, Pinnacle Mountain State Park, Route 1, Box 36, Roland, AR 72135.

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MEMBERSHIP BLANK

Membership in Arkansas Native Plant Society is open to anyone who supports the goals given at the start of this newsletter. Dues of \$5 should accompany your application, mailed to Don Peach, Treasurer, Route 1, Box 282, Mena, AR 71953.

Name \_\_\_\_\_

Mailing Address \_\_\_\_\_

Zip \_\_\_\_\_

ARKANSAS NATIVE PLANT SOCIETY MEMBERSHIP

ACKERMAN, Peggy  
800 Zanzibar  
Little Rock, Arkansas 72211

ADAMS, Earl B.  
523 Reserve Avenue  
Hot Springs, Arkansas 71901

ADAMS, Forrest L.  
523 Reserve Avenue  
Hot Springs, Arkansas 71901

AMASON, Carl  
P. O. Box 164  
Calion, Arkansas 71724

ARNOLD, Fred E.  
10115 Rodney Parham Road  
Little Rock, Arkansas 72207

BARBER, Gwen  
P. O. Box L  
Mulberry, Arkansas 72947

BARNARD, Anne E.  
P. O. Box 254  
Bryant, Arkansas 72022

BOARD, Dr. Veryl V.  
Route 2, Box 509 A3  
Batesville, Arkansas 72501

BORG, Anne  
1610 Pickering Avenue  
Little Rock, Arkansas 72211

BOURNE, David E.  
309 N. Elm  
Little Rock, Arkansas 72205

BOURNE, Timothy  
1314 N. Boston  
Russellville, Arkansas 72801

BOYLES, Jon L.  
P. O. Box 122  
Ward, Arkansas 72176

BRIGANCE, Audie J.  
164 E. Dawn Drive  
DeQueen, Arkansas 71832

BROOKS, Mrs. William (Suzy)  
Route 7, Wild Brook Farm  
Fayetteville, Arkansas 72701

BULLINGTON, Robert A.  
1110 E. Friendly Lane  
Horseshoe Bend, Arkansas 72512

BUSTIN, Nettie  
2710 Timberland  
Batesville, Arkansas 72501

BYERS, Frances P.  
225 Phadnal Lane  
Hot Springs, Arkansas 71901

CAMPBELL, Breck  
W D & D  
840 Savers Federal Building  
Little Rock, Arkansas 72201

CARDIN, Virginia  
Route 6, Box 304  
Malvern, Arkansas 72104

CARGILL, Kay  
882 W. Cherry Street  
Piggott, Arkansas 72454

CARNATION, Jean  
Star Route 1, Box 198  
Ferndale, Arkansas 72208

CHRISTIAN, Schuyler & Lucille  
9 Victoria Lane  
Hot Springs, Arkansas 71901

CLARK, Joe and Maxine  
1724 Rockwood Trail  
Fayetteville, Arkansas 72701

COMPTON, Dr. Neil  
P. O. Box 209  
Bentonville, Arkansas 72712

COOK, Lana  
P. O. Box 1169  
Mena, Arkansas 71953

CORY, Doris  
2199 Harrison  
Batesville, Arkansas 72501

CULWELL, Dr. Don  
Department of Biology and Physics  
University of Central Arkansas  
Conway, Arkansas 72032

DAVIS, Richard  
4100 Woodlawn  
Little Rock, Arkansas 72205

DEAN, Mr. and Mrs. Joe  
Route 3, Box 177  
Silver Ridge  
Heber Springs, Arkansas 72543

DEMAREE, Dr. Delzie  
109 South Avenue  
Hot Springs, Arkansas 71901

DOBBINS, Mae  
P. O. Box 545  
Sylamore Route  
Mountain View, Arkansas 72560

DODD, Aileen  
P. O. Box 545  
Mena, Arkansas 71953

DORAN, Ron  
Box 846  
Harding University  
Searcy, Arkansas 72143

EVANS, Herb  
3 Breed's Hill Court  
Little Rock, Arkansas 72211

FARRIS, Mrs. Jefferson  
140 Donaghey  
Conway, Arkansas 72032

FAULKNER, Ruth  
Route 3, Box 342-A  
Paragould, Arkansas 72450

FLEENER, Truman B.  
P. O. Box 314  
West Fork, Arkansas 72774

FLOYD, Perk  
#16 Lakeside Drive  
Hensley, Arkansas 72065

FOSTER, Steven  
American Center for Herb Study  
Mountain View, Arkansas 72560

FOTI, Thomas  
510 East 8th Street  
Little Rock, Arkansas 72202

GANN, James B.  
Logoly State Park  
P. O. Box 245  
McNeil, Arkansas 71752

GARVAN, Verna C.  
Twentieth Century Gardens  
ABCO Industries  
402 E. ABT Center  
Hot Springs, Arkansas 71901

GAY, Pody  
Park Naturalist  
Lake Catherine State Park  
Hot Springs, Arkansas 71901

GENTRY, Johnnie  
University Museum  
338 Hotz Hall  
University of Arkansas  
Fayetteville, Arkansas 72701

GILMORE, Dr. Shirley Ann  
Department of Anatomy  
University of Arkansas Medical Center  
Little Rock, Arkansas 72205

GRANGER, Christina  
7412 West 25th Street  
Little Rock, Arkansas 72204

GREEN, Dr. Ernest E.  
1261 Thoreau  
Baton Rouge, Louisiana 70808

GREEN, Mrs. Ernest V.  
107 Bridgeview Drive  
Hot Springs, Arkansas 71901

GREENWOOD, Fred  
Box 333  
Mabelvale, Arkansas 72103

GREGORY, Edwin D.  
Bayou Road  
Parkdale, Arkansas 71661

HANDER, Fred and Ola  
P. O. Box 472  
Paris, Arkansas 72855

HARMAN, Mrs. S. A.  
2740 North West Avenue  
El Dorado, Arkansas 71730

HAWKINS, Emma Lou  
Route 1, Box 282-A  
Mena, Arkansas 71953

HEINEKE, Tom  
3100 Kettle Creek Road #4  
Memphis, Tennessee 38128

HICKS, Mr. and Mrs. Paul  
7416 Kingwood Road  
Little Rock, Arkansas 72207

HOELACHER, James and Sheila  
P. O. Box 2268  
University of Arkansas  
Fayetteville, Arkansas 72701

HOFFMAN, Edward M.  
Route 4, Box 351  
Mena, Arkansas 71953

HOGAN, Rose  
217 West Vernon  
Little Rock, Arkansas 72205

HOLEYFIELD, Robert  
Route 2, Box 178  
Russellville, Arkansas 72801

HOOPER, Thomas H.  
308 S. El Paso  
Russellville, Arkansas 72801

HUDDLESTON, Jerry C.  
P. O. Box 129  
Pyatt, Arkansas 72672

HUDGENS, Russell  
Route 5, Box 158A  
Conway, Arkansas 72032

HUEY, Edith  
10524 Diamond  
Little Rock, Arkansas 72209

HUGHES, Kittie L.  
Box 1088  
Vandervoort, Arkansas 71972

HUNTER, Carl  
10524 Diamond  
Little Rock, Arkansas 72209

HUNTER, Mrs. David G.  
10 Donaghey Court  
North Little Rock, Arkansas 72116

HUTSON, Betty  
Route 1,  
Cove, Arkansas 71937

JANSMA, Harriet M.  
900 Lighton Trail  
Fayetteville, Arkansas 72701

JESSUP, Tim  
113 North Second  
Jacksonville, Arkansas 72076

JOHNSON, David  
Botany Department  
University of Michigan  
Ann Arbor, Michigan 48109

JOHNSON, Randy  
Pinnacle Mountain State Park  
Route 1, Box 36  
Roland, Arkansas 72135

JUNIOR Environmental Awareness  
Committee  
Lucille Lewis, Sponsor  
200 Northwest Fourth Street  
Bryant, Arkansas 72002

KEISLER, Fransene  
Route 2, Box 179-H  
Russellville, Arkansas 72801

KENDRICK, Mrs. Jan  
4026 "A" Street  
Little Rock, Arkansas 72205

KERR, Charles W.  
P. O. Box 1583  
Glenwood, Arkansas 71943

KILLION, Neal  
Route 4, Box 227  
Cabot, Arkansas 72023

KIRKWOOD, Robert  
Box V1721  
Conway, Arkansas 72032

LANCASTER, Emily C.  
304 West Circle Drive  
Russellville, Arkansas 72801



LATTING, Mrs. H. B., Jr. (June)  
320 Maravilla Drive  
Riverside, California 92507

LEA, William L.  
Route 1, Box 156  
Bonnerdale, Arkansas 71933

LEMONS, Michael  
340 South Duncan  
Fayetteville, Arkansas 72701

LEWALLEN, Mary Kathryn  
3616 T.P. White Boulevard  
Jacksonville, Arkansas 72076

LEWIS, Lucille R.  
27 North Meadowcliff  
Little Rock, Arkansas 72209

LOCKE, Marie P.  
3006 West Orlando  
Pine Bluff, Arkansas 71603

LOVE, Mrs. W. W.  
Route 7, Box 505  
Hunt Lane  
Fayetteville, Arkansas 72701

LOWMAN, Larry  
Route 3, Box 49-A  
Wynne, Arkansas 72396

LYNN, James I.  
Box 764  
Mena, Arkansas 71953

McCOLLUM, John P.  
707 Henryetta  
Springdale, Arkansas 72764

McCORMICK, Edna  
P. O. Box 723  
Mena, Arkansas 71953

McNIEL, Dorothy  
Route 5, Box 300  
Hot Springs, Arkansas 71901

McWILLIAM, Aileen  
711 Magnolia  
Mena, Arkansas 71953

MALLARD, Florence  
2924 Dalewood Road  
Little Rock, Arkansas 72207

MARSH, Dan & Mina  
10201 Republic Lane  
Little Rock, Arkansas 72209

MATOCHA, Mr. Kenneth  
606 North Jackson  
El Dorado, Arkansas 71730

METRAILER, Amelia  
1404 Kavanaugh  
Little Rock, Arkansas 72205

MILLER, J. H.  
3924 Cherry Street  
Pine Bluff, Arkansas 71603

MILLER, Louise  
3924 Cherry Street  
Pine Bluff, Arkansas 71603

MOBLEY, Dr. and Mrs. Maxx  
2818 West 2nd Place  
Russellville, Arkansas 72801

MOLNAR, Mrs. George W.  
10801 Bainbridge  
Little Rock, Arkansas 72212

MOORE, Dwight and Clemy  
Route 1,  
Rudy, Arkansas 72952

MOORE, Mrs. Eugenia  
314 Loop Road  
North Little Rock, Arkansas 72116

MOORE, Dr. Jewel  
Department of Biology and Physics  
University of Central Arkansas  
Conway, Arkansas 72032

MORRIS, Joan Ellison  
11221 Mara Lynn Drive  
Apartment C-1  
Little Rock, Arkansas 72211

MYERS, Mollie  
(for son Bill)  
1300 Hill Street  
Jacksonville, Arkansas 72076

NEAVILLE, Ellen  
829 South 11th  
Rogers, Arkansas 72756

O'CONNER, Mr. Pat  
4632 Hyacinth Street  
Baton Rouge, Louisiana 70808

ORSON, Catherine L.  
Route 1, Box 272  
Dardanelle, Arkansas 72834

ORSON, Rufus  
Route 1,  
Dardanelle, Arkansas 72834

OSWALD, Carolyn A.  
6109 Allen Street  
North Little Rock, Arkansas 72118

PAYNE, Rodger  
7211 Illinois Street  
Little Rock, Arkansas 72207

PEACH, Don  
Route 1, Box 282  
Mena, Arkansas 71953

PFEIFFER, Mrs. Karl  
Box 66  
Piggott, Arkansas 72454

PRINTUP, Mary  
1551 Hotz Drive  
Fayetteville, Arkansas 72701

PRUITT, Juanita  
Route 2, Box 763  
Hot Springs, Arkansas 71901

QUALLS, Debbie  
Route 3, Box 69  
Heber Springs, Arkansas 72543

QUALLS, Mrs. Norvin J.  
Route 1, Box 279  
Dardanelle, Arkansas 72834

RATCLIFFE, Kathy  
501 Cedar  
Little Rock, Arkansas 72205

RAY, Virginia P.  
929 Third Street  
Hot Springs, Arkansas 71901

REDFEARN, Paul, Jr.  
655 McCann  
Springfield, Missouri 65804

REMMEL, Ruth R.  
14 Edgehill Road  
Little Rock, Arkansas 72207

RETTIG, Jeff  
Arkansas Natural Heritage Commission  
Suite 500, Continental Building  
100 Main Street  
Little Rock, Arkansas 72201

RICHARDS, E. L.  
Box 2780  
State University, Arkansas 72467

RIPPEY, Laura Lea  
412 North Palm  
Little Rock, Arkansas 72205

ROGERS, Barbara  
5208 Crestwood  
Little Rock, Arkansas 72207

ROGERS, Greg  
#1 Blue Ridge Circle  
Little Rock, Arkansas 72207

RONNE, Ardis H.  
104 Fernwood  
Hot Springs, Arkansas 71901

ROW, John and Diane  
P. O. Box 519  
Big Piney, Wyoming 83113

RUSHING, Josephine  
7011 Shamrock Drive  
Little Rock, Arkansas 72205

RUSHING, John C.  
7011 Shamrock Drive  
Little Rock, Arkansas 72205

SAUGEY, David  
U. S. Forest Service  
Indiana and Winona Streets  
Hot Springs, Arkansas 71901

SCHERREY, Wally  
Devil's Den State Park  
West Fork, Arkansas 72774

SCHOLL, Jan  
7055 Incas  
North Little Rock, Arkansas 72116

SCHOLTZ, Sandra C.  
761 Cedarwood  
Fayetteville, Arkansas 72701

SEWARD, Dr. Larry  
Route 2,  
211 Western Hills Drive  
Siloam Springs, Arkansas 72761

SHEPHERD, Bill  
Arkansas Natural Heritage Commission  
Suite 500, Continental Building  
100 Main Street  
Little Rock, Arkansas 72201

SHIPLEY, Ellen Compton  
1132 E. Ridgeway  
Fayetteville, Arkansas 72701

SIITONE, Paul  
16018 Arch Street Pike  
Little Rock, Arkansas 72208

SLAYTON, Mrs. Betty M.  
716 North 9th Street  
Gurdon, Arkansas 71743

SMITH, Dr. E. B.  
Department of Botany and Bacteriology  
SE 401  
University of Arkansas  
Fayetteville, Arkansas 72701

SPEAIRS, Dr. Dick  
156 Arthur  
Shreveport, Louisiana 71105

SPENCE, Mrs. Taylor  
121 Stroud Avenue  
El Dorado, Arkansas 71730

STERN, Jane  
2404 West 47th Street  
Pine Bluff, Arkansas 71603

SUNDELL, Dr. Eric  
Department of Natural Science  
University of Arkansas at Monticello  
Monticello, Arkansas 71655

TATUM, Billie Joe  
Wildflower  
Melbourne, Arkansas 72556

TEETER, Gertrude M.  
Route 7, Box 410  
Malvern, Arkansas 72104

TERRY, Mr. and Mrs. C. M.  
3307 Breckenridge Drive  
Little Rock, Arkansas 72207

THOMAS, Freeman  
7018 South Highway, Lot 11  
Jacksonville, Arkansas 72076

THOMPSON, Glenda Sue  
University of Central Arkansas  
P. O. Box 946  
Conway, Arkansas 72032

THORNTON, Catherine  
Route 7, Box 775  
Hot Springs, Arkansas 71901

TUCKER, Dr. Gary  
Biology Department  
Arkansas Tech University  
Russellville, Arkansas 72801

VANDERPOOL Staria  
P. O. Box 1234  
State University, Arkansas 72467

WADDLE, Michael and Lynda  
Route 1, Box 118  
Devil's Den State Park  
West Fork, Arkansas 72774

WALLS, Edwina  
910 North Martin  
Little Rock, Arkansas 72205

WARD, Joel and Karen  
5409 West 10th Street  
Little Rock, Arkansas 72205

WINGERT, Leta  
Route 4, Box 121  
Heber Springs, Arkansas 72543

WORTHEN, Mr. Booker  
31 Edgehill Road  
Little Rock, Arkansas 72207

WORTHEN, Mary F.  
31 Edgehill Road  
Little Rock, Arkansas 72207

WRIGHT, Harriett H.  
2746 Millbrook Road  
Birmingham, Alabama 35243

WRIGHT, Dr. Robert  
Department of Biology and Physics  
University of Central Arkansas  
Conway, Arkansas 72032

YOUNGCHILD, Mary  
Wilburn Route, Box 313  
Heber Springs, Arkansas 72543