



THE DEPARTMENT OF ARKANSAS
HERITAGE

Mike Beebe
Governor

Martha Miller
Director

Arkansas Arts Council

•
Arkansas Historic
Preservation Program

•
Delta Cultural Center

•
Mosaic Templars
Cultural Center

•
Old State House Museum

•
Historic Arkansas Museum

October 14, 2013

Marty Garrity, Director
Arkansas Bureau of Legislative Research
State Capitol Room 315
Little Rock, Arkansas 72201

Dear Ms. Garrity:

Enclosed please find a copy of the Fiscal Year 2013 Annual Report of the Arkansas Natural Heritage Commission, as required by Arkansas Statute Annotated §15-20-308. This year, the report is provided in electronic form on the enclosed CD-ROM, as per the new guidelines in Act 501 of 2013.

Each year, land resource managers, decision makers, and citizens use our annual report as an important reference tool. Our work activities and accomplishments are highlighted in the Executive Summary. Sites within the System of Natural Areas are documented in status reports that detail ownership information, driving directions, and stewardship activities. The Registry of Natural Areas contains the current listings of rare species that are tracked in each county in the state.

Thank you for the opportunity to submit this report of our accomplishments. Please contact me if I can provide additional information.

Sincerely,

Chris Colclasure, Director
Arkansas Natural Heritage Commission

enclosure



Arkansas Natural Heritage
Commission



323 Center Street, Suite 1500
Little Rock, AR 72201

(501) 324-9619
fax: (501) 324-9618
tdd: 711

e-mail:
arkansas@naturalheritage.com
website:
www.naturalheritage.com

An Equal Opportunity Employer

Arkansas Natural Heritage Commission
an agency of the Department of Arkansas Heritage

FY 2013 ANNUAL REPORT



Cherokee Prairie Natural Area in
Arkansas River Valley today.



PRAIRIE NEAR THE ARKANSAS RIVER.

40 years conserving the natural heritage of Arkansas



THE DEPARTMENT OF ARKANSAS
HERITAGE

Mike Beebe
Governor

Martha Miller
Director

Arkansas Arts Council

*
Arkansas Historic
Preservation Program

*
Delta Cultural Center

*
Mosaic Templars
Cultural Center

*
Old State House Museum

*
Historic Arkansas Museum



Arkansas Natural Heritage
Commission



323 Center Street, Suite 1500
Little Rock, AR 72201

(501) 324-9619
fax: (501) 324-9618
tdd: 711

e-mail:
arkansas@naturalheritage.com
website:
www.naturalheritage.com

An Equal Opportunity Employer

October 14, 2013

To: Governor Mike Beebe and the Arkansas General Assembly

It is our pleasure to submit the FY2013 Annual Report of the Arkansas Natural Heritage Commission in accordance with Arkansas Statute Annotated § 15-20-308. The following annual report conveys our status.

This year marks the 40th anniversary of the creation of our commission. We have reached significant milestones in the last four decades:

- the System of Natural Areas has grown to include 71 sites protecting over 59,000 acres of the most outstanding remnants of our state's natural heritage;
- our biodiversity database currently tracks 904 rare plants, animals, and habitats across the state;
- our research staff maintain one of eight herbaria in the state recognized officially worldwide;
- our ecological information and resources are amplified through working partnerships with 37 different state and federal government agencies, organizations, local communities, and private corporations;
- our website averages 5,830 visits and 2,668 downloads each month.

As we move into our next 40 years, we look forward to advancing scientific knowledge, working with partners to safeguard critical ecosystems, and empowering people of all ages and abilities to learn more about and conserve our great state.

Sincerely,

Chris Colclasure
Director

Mark Karnes
Commission Chairman

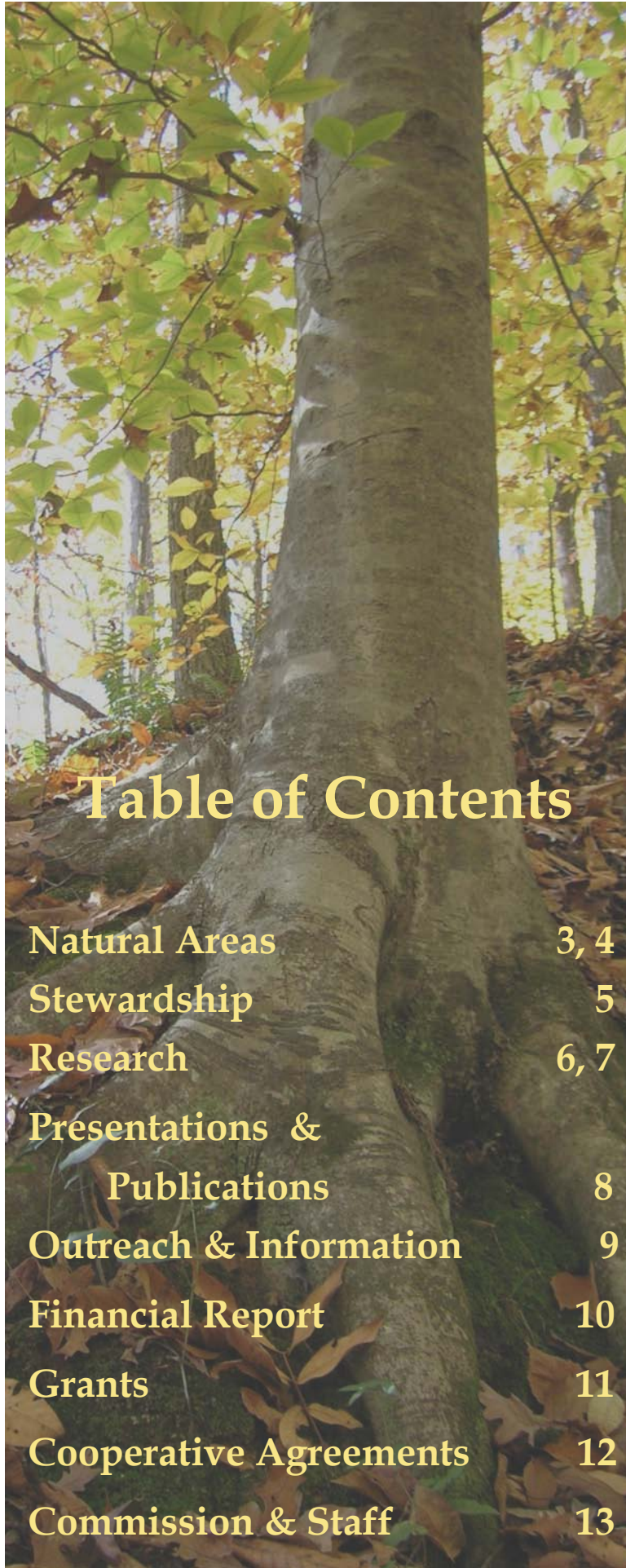


Table of Contents

Natural Areas	3, 4
Stewardship	5
Research	6, 7
Presentations & Publications	8
Outreach & Information	9
Financial Report	10
Grants	11
Cooperative Agreements	12
Commission & Staff	13

40 years since the creation of the System of Natural Areas and the Arkansas Natural Heritage Commission

The land we now call Arkansas was once an expansive mosaic of native plants and animals living within their habitats or natural communities. Over the last two centuries, many of these resources have been reduced or lost to land use changes, fire suppression, and the spread of invasive plant species.

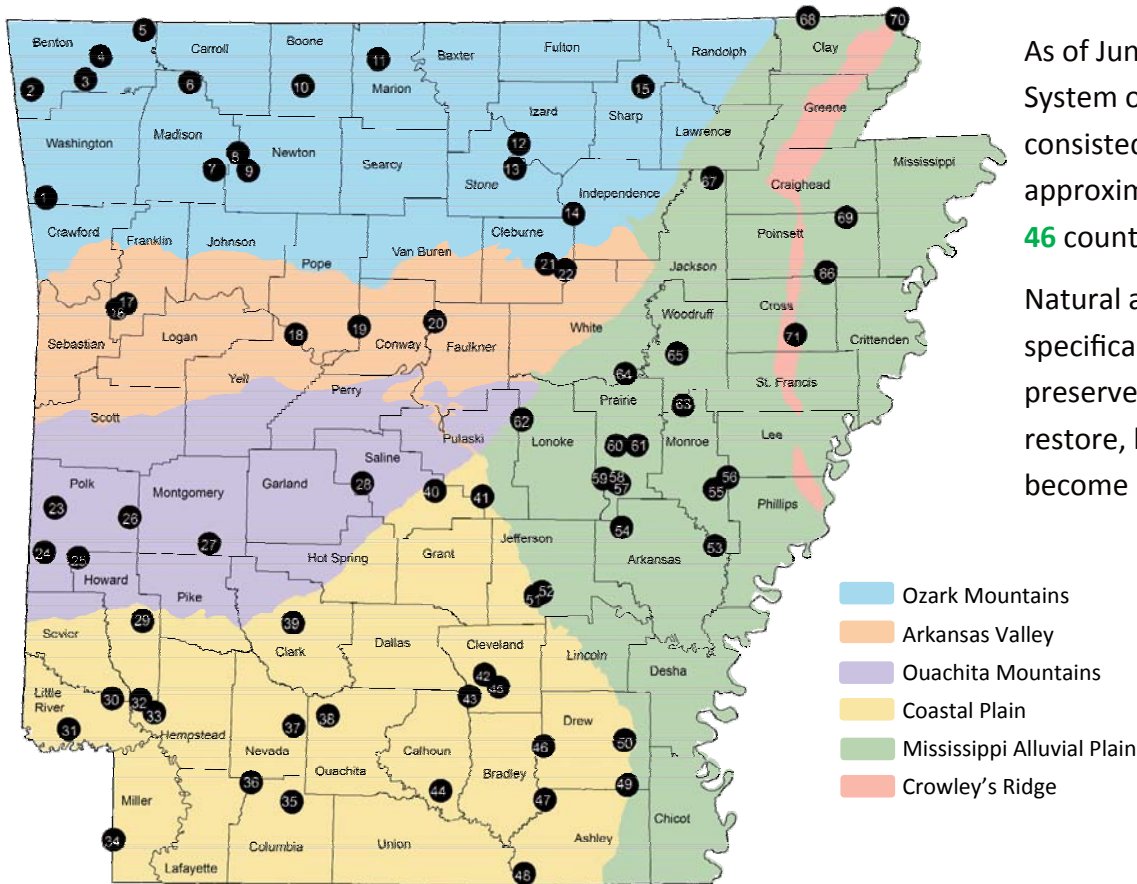
The Arkansas Natural Heritage Commission (ANHC) is charged with the responsibility of protecting the best and last remnants of the state’s natural communities. The ANHC does this through the state System of Natural Areas and by maintaining a registry for the rarest biological resources, detailing the location and status in a biodiversity database.

Today, the lands that make up the System of Natural Areas provide blueprints for understanding how Arkansas’s diverse ecosystems originally functioned. Such information will be especially vital as Arkansas continues to develop and address important environmental issues in the future.



Cave salamander (*Eurycea lucifuga*)

71 Natural Areas



As of June 30, 2013, the System of Natural Areas consisted of **71** sites, totaling approximately **59,451** acres in **46** counties across the state.

Natural areas are lands specifically managed to preserve, and sometimes restore, habitats that have become rare.

- Ozark Mountains
- Arkansas Valley
- Ouachita Mountains
- Coastal Plain
- Mississippi Alluvial Plain
- Crowley's Ridge

- | | | |
|---|---|---|
| 1 Garrett Hollow Natural Area | 25 Cossatot River State Park-Natural Area | 48 Coffee Prairie Natural Area |
| 2 Chesney Prairie Natural Area | 26 Big Fork Creek Natural Area | 49 Cut-off Creek Ravines Natural Area |
| 3 Cave Springs Cave Natural Area | 27 Gap Creek Natural Area | 50 Seven Devils Swamp Natural Area |
| 4 Searles Prairie Natural Area | 28 Middle Fork Barrens Natural Area | 51 Byrd Lake Natural Area |
| 5 Devil's Eyebrow Natural Area | 29 Stone Road Glade Natural Area | 52 Taylor Woodlands Natural Area |
| 6 Bear Hollow Natural Area | 30 White Cliffs Natural Area | 53 Striplin Woods Natural Area |
| 7 Kings River Falls Natural Area | 31 Palmetto Flats Natural Area | 54 Roth Prairie Natural Area |
| 8 Sweden Creek Falls Natural Area | 32 Saratoga Blackland Prairie Natural Area | 55 Pine City Natural Area |
| 9 Pine Hollow Natural Area | 33 Nacatoch Ravines Natural Area | 56 Louisiana Purchase Natural Area |
| 10 Baker Prairie Natural Area | 34 Miller County Sandhills Natural Area | 57 Konecny Prairie Natural Area |
| 11 Slippery Hollow Natural Area | 35 Logoly Natural Area | 58 Konecny Grove Natural Area |
| 12 Devil's Knob-Devil's Backbone Natural Area | 36 Falcon Bottoms Natural Area | 59 Smoke Hole Natural Area |
| 13 Hell Creek Natural Area | 37 Arkansas Oak Natural Area | 60 Railroad Prairie Natural Area |
| 14 Foushee Cave Natural Area | 38 Poison Springs State Forest Sand Barren & Oak-Pine Forest Preserve | 61 Downs Prairie Natural Area |
| 15 Rock Creek Natural Area | 39 Terre Noire Natural Area | 62 Holland Bottoms Willow Oak Forest Preserve |
| 16 Cherokee Prairie Natural Area | 40 Mills Park Natural Area | 63 Benson Creek Natural Area |
| 17 H. E. Flanagan Prairie Natural Area | 41 Lorange Creek Natural Area | 64 Holloway Memorial Natural Area |
| 18 Dardanelle Rock Natural Area | 42 Kingsland Prairie Natural Area | 65 Cache River Natural Area |
| 19 Goose Pond Natural Area | 43 Moro Creek Bottoms Natural Area | 66 Singer Forest Natural Area |
| 20 Cove Creek Natural Area | 44 Moro Big Pine Natural Area-Wildlife Management Area | 67 Swifton Sand Ponds Natural Area |
| 21 Cow Shoals Riverfront Forest Natural Area | 45 Hall Creek Barrens Natural Area | 68 Stateline Sand Ponds Natural Area |
| 22 Big Creek Natural Area | 46 Warren Prairie Natural Area | 69 St. Francis Sunken Lands Natural Area |
| 23 Iron Mountain Natural Area | 47 Longview Saline Natural Area | 70 Chalk Bluff Natural Area |
| 24 Fernwood Seep Natural Area | | 71 Wittsburg Natural Area |

Devil's Eyebrow Natural Area

Devil's Eyebrow, our newest natural area, was dedicated in May. Located on the north shore of Beaver Lake, the site contains **1,375** acres of high-quality limestone glades, oak woodlands, limestone bluffs, and riparian forests. It supports more than **550** documented plant species, including **25** plants of state conservation concern, **five** of which are globally rare. Devil's Eyebrow is the only confirmed site in Arkansas to contain the rare black maple tree and is a well-known winter roost for Bald Eagles.



58 new species
were documented
to occur on **21**
natural areas

Field inventories and monitoring work are conducted regularly on areas within the System to assess the status of rare species and to document the results of our stewardship work.



Dedication of the Devil's Eyebrow Natural Area

Natural Area Management

A component of natural area management is maintaining a balance between public use and conservation visions for the area. When possible, efforts are made to provide safe opportunities for moderate, low-impact activities such as bird watching, hiking, or photography, as well as scientific research and education.

Access to natural areas is detailed on the agency website and in printed publications and maps. The ANHC rules and regulations prohibit the collection and/or removal of plants, animals, fungi, rocks, minerals, fossils, archaeological

artifacts, or any other natural material, alive or dead.

Exceptions include collecting for scientific research, which requires a permit issued by the ANHC, and specific forms of hunting established in cooperation with the Arkansas Game and Fish Commission (AGFC). Details for those natural areas incorporated in the AGFC's Wildlife Management Area (WMA) System are published yearly in the AGFC's *Arkansas Hunting Guidebook*.

over **50,000**
acres
incorporated into the
AGFC's WMA System

Protecting the Best of the Last

Natural areas are managed according to an established conservation vision aimed at protecting, enhancing, interpreting, and sometimes even restoring the significant ecological values present at the site. To do this, management plans for areas within the System are prepared and updated regularly, to incorporate the results of field assessments, receive additional input from commissioners and colleagues in the conservation field, and to set the frameworks for future activities.

833 volunteer hours
on natural areas

Staff, volunteers, contract land stewards, and cooperative land managers regularly visit natural areas across the state to assess their condition. Stewardship crews install interpretative signs and other signage, mark and maintain boundaries, often across difficult terrain and challenging topography of remote locations throughout the System.

5,106 acres burned
as part of prescribed fire management

In some cases, natural areas must undergo restoration to improve their overall condition. Prescribed fire is used at a number of natural areas, to limit shrubs, small trees, and woody vines that compete with native vegetation for nutrients and sunlight. Frequent controlled burns reduce fuel loads and decrease the chance of catastrophic wildfires. Post burn monitoring is conducted several days after a burn to determine if fire management and ecological objectives were met.



904 rare animal & plant species

currently listed in the Arkansas Heritage Program biodiversity database

The ANHC's Arkansas Heritage Program maintains a dynamic biodiversity database that tracks the location and status of rare animals, plants, and natural communities in Arkansas. This data is the central component of the Registry of Natural Areas.

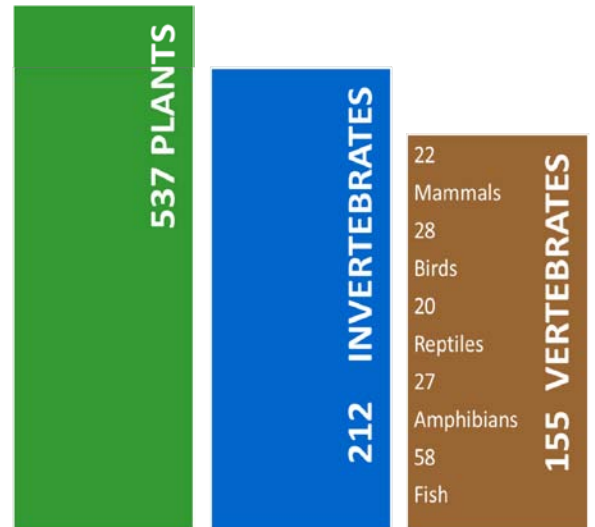
Currently, the database tracks **904** rare species. Updates over the last year included:

- **3** species delisted, based on field surveys, taxonomic changes or other research
- state ranks revised/assigned for **193** species
- **6** new species added to the list of species of special concern (**3 plants and 3 animals**)

Research staff document these updates by reviewing scientific literature and museum/herbaria collections, combined with reports from field surveys to locate and assess the condition of rare species and habitats across the state. Major categories of rare species currently listed in the ANHC biodiversity database are shown above right.

Twenty-eight species are listed as endangered or threatened by the U.S. Fish and Wildlife Service (USFWS). This total includes only those species believed to still occur in the state and excludes historic and transient species.

As a member of NatureServe, an international network of State Natural Heritage Programs and Conservation Data Centers, the commission's data becomes a powerful conservation tool, useful in guiding natural resource decisions. Using uniform methodologies enables scientific information to be shared across state and international boundaries.



New plant species of special concern
Wright's dwarf-dandelion (*Krigia wrightii*)



New animal species of special concern
Sprague's Pipit (*Anthus spragueii*)

ANHC Herbarium: A Library of Plants

A herbarium is a collection of preserved plants stored, catalogued, and arranged systematically for study. It is a cross between a museum of priceless artifacts and a warehouse of birth certificates for plants. Plant specimens can be used to provide samples of DNA and to validate scientific observations. The ANHC maintains one of eight herbaria in the state recognized by the Index Herbariorum (IH), the official database of worldwide herbaria.

The practice of pressing and drying plants has been used for around 500 years. Most of the characteristics of living plants are visible on the dried plant. The few that are not (e.g., flower color, scent, height of a tree, vegetation type, etc.) are put on the label by the collector. Each plant specimen has its own unique information – where it

was found, when it flowers, and what it looks like. Only those collections that are permanent scientific repositories are included in the IH.

In order to be a recognized herbarium, the collection must maintain a minimum of 5,000 specimens, be accessible to scientists, and actively managed.

As a recognized herbarium, the ANHC is able to loan out specimens to researchers at other institutions for study.

Botanists at the ANHC Herbarium also borrow specimens from other herbaria. One notable borrowed specimen had been preserved by the 19th century naturalist Thomas Nuttall.

The ANHC Herbarium has been recognized by the IH since 2003, and



6,450 specimens

contains 6,450 specimens. Eighteen percent or 1,173 are tracked (rare) plants. The oldest specimen in the collection is dated 1941.

The next step for the ANHC Herbarium is to scan and catalog every specimen for a digital version of the herbarium. Although nothing would equal the detail and value of studying the actual specimens, a digital catalog would allow anyone to view the specimens at any time, from anywhere.



Presentations and Publications

Staff publish and present information related to their work at a variety of state, regional, and national forums. Specific staff presentations and publications for FY2013 were as follows (staff underlined):

Publications:

Holimon, W.C., J.A. Akin, W.H. Baltosser, C.W. Rideout, & C.T. Witsell. 2012. Structure and composition of grassland habitats used by wintering Smith's Longspurs: the importance of native grasses. *Journal of Field Ornithology* 83:351-361.

Nelson, P.W., J.A. Fitzgerald, K. Larson, R. McCoy, A. Schotz, J. Taft, C.T. Witsell, & B. Yahn. 2013. Central Hardwoods Joint Venture Glade Conservation Assessment for the Interior Highlands and Interior Low Plateaus of the Central Hardwoods Region. Central Hardwoods Joint Venture. 113 pp. plus appendices. <http://www.chjv.org/projects.html>

Technical Presentations:

America In Bloom National Conference, Fayetteville, Arkansas

Witsell, C. T. Using Science and Information Technology for Strategic Conservation in Arkansas.

American Public Gardens Association Sentinel Plant Network Meeting, Garvan Woodland Gardens, Hot Springs, Arkansas

Witsell, C. T. Ecological Impacts of Non-native Invasive Plants in Arkansas's Natural Areas.

Arkansas Academy of Science Meeting, Little Rock, Arkansas

Baker, B. T., J. D. Ogle, J. L. Gentry, C. T. Witsell, & G. P. Johnson. Announcing Publication of the *Atlas of the Vascular Plants of Arkansas*.

Witsell, C. T. & B. T. Baker. The Status of *Tridens x oklahomensis* (Poaceae) and Update on the Genus *Tridens* in Arkansas.

Witsell, C. T. & M. D. Warriner. First Report of Ornate Box Turtle from the Grand Prairie since 1981.

Witsell, C. T. & B. T. Baker. Arkansas's Newest Herbarium: The Herbarium of the Arkansas Natural Heritage Commission (ANHC).

Arkansas Environmental Education Association Conference, Fayetteville, Arkansas

Jones-Schulz, J. The Nature of the Civil War in Arkansas.

Arkansas Wildlife Action Plan Conference, Mt. Magazine State Park, Arkansas

Akin, J.A. Foushee Cave Land Acquisition = Protection for Karst-dependent Animal Species.

Association of Southeastern Biologists Meeting, Charleston, West Virginia

Witsell, C. T., T. L. Fotj, & B. T. Baker. Floristic Inventory of Native Grassland Remnants in the Grand Prairie Region of Arkansas: A Baseline for Restoration Efforts.

Witsell, C. T., B. T. Baker, & C. Osborne. The Significance of Cliff and Talus Communities as Habitats for Rare Plant Species in the Interior Highlands of Arkansas.

Estes, L. D., C. T. Witsell, M. Brock, & K. Anderson. Riverscour Communities of the Eastern Unglaciated United States: Floristics, Community Classification, & Biogeography.

Natural Areas Association Conference, Norfolk, Virginia

Akin, J.A. & B.A. Rugar. Ecosystem Scale Conservation of Foushee Cave.

Holimon, W.C., M. Melnechuk, E. Leone, W. Montague, K. Rowe, & R. Stich. First Repatriation of a Red-cockaded Woodpecker Population West of the Mississippi River.

Witsell, C. T., B. T. Baker, & C. Osborne. The Significance of Cliff and Talus Communities as Habitats for Rare Plant Species in the Interior Highlands of Arkansas.

16 Presentations & Publications

1,710 people

 reached in on-site programming

ANHC outreach programs engage, educate, and enrich Arkansans of all ages, abilities, and backgrounds. Staff conduct both formal and informal programs for conservation organizations, libraries, home school students, garden clubs, Master Naturalists, scout groups, and other education and environmental-related venues.

This year, programs were conducted in **20** different counties around the state.



In response to the **200%** increase in visits to the ANHC website from mobile devices, the first mobile version of the website went online this year.



We enjoyed your presentation so much! You were right on the level of our students with information and really kept their interest.

Sandra Loetscher, Third Grade Teacher
Owen Elementary, Pine Bluff



Website
www.naturalheritage.com
• Visits increased 49%

Facebook

• 1,175 fans
112 posts



Monthly Electronic Newsletter
• 1,040 subscribers

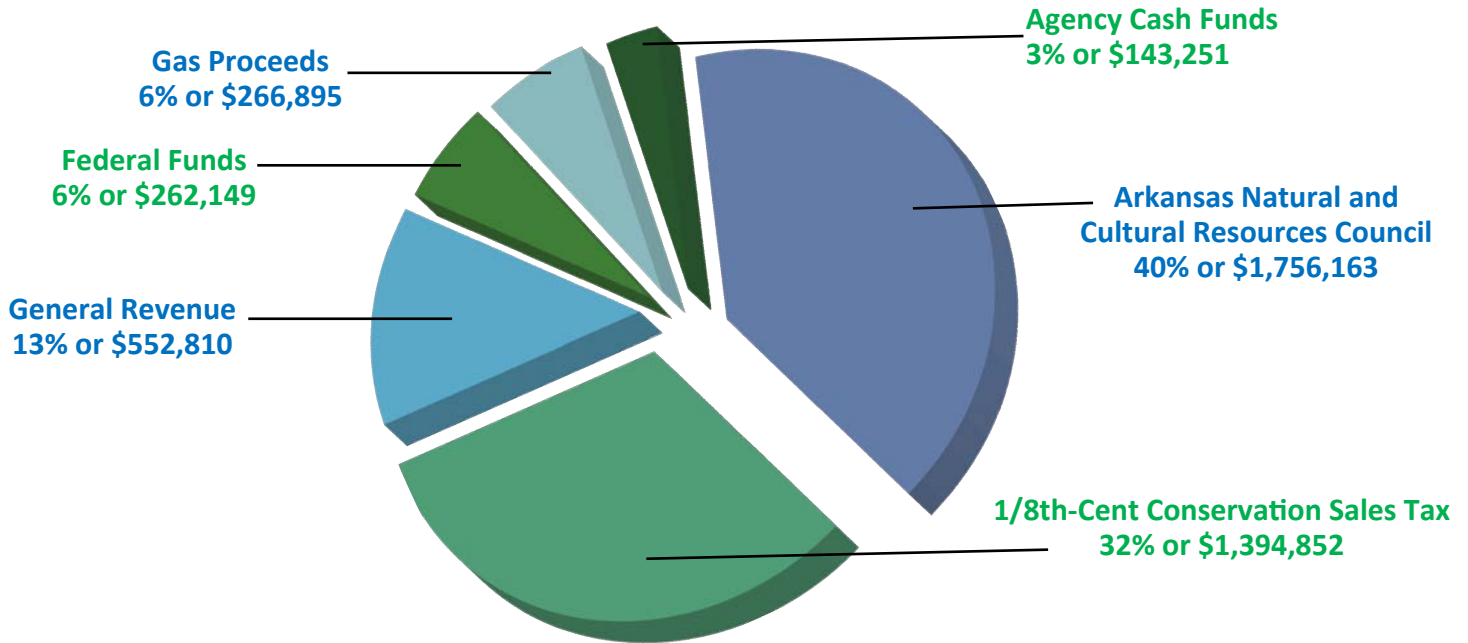
New, second edition of
Grand Prairie booklet



The ANHC partnered with the USFWS to produce a second edition of the booklet titled "The Grand Prairie of Arkansas: Past, Present, and Future." The publication details the ecology of the Grand Prairie of eastern Arkansas and includes a map depicting the original distribution of prairie across the region. This new edition includes updates about prairie restoration activities.

Financial Report

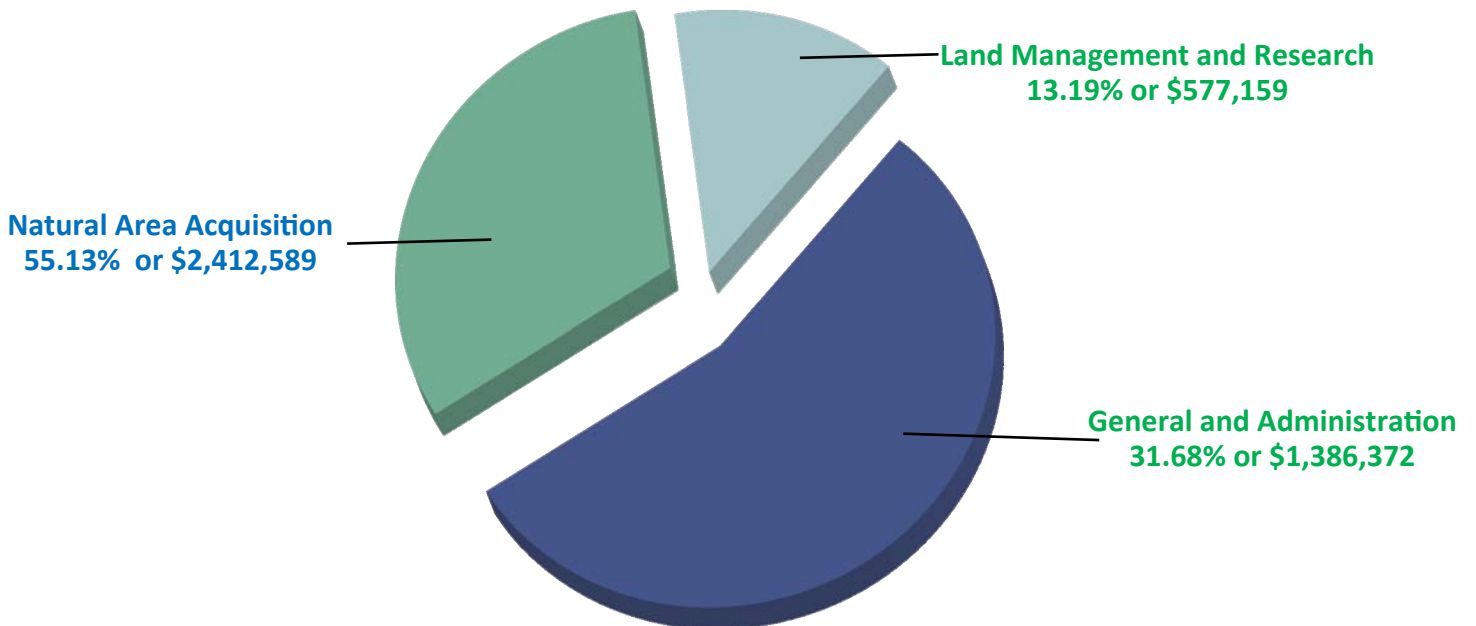
Expenditures by Fund Sources



The commission receives funding from **six** key sources: General Revenue, the 1/8th-Cent Conservation Sales Tax, Arkansas Natural and Cultural Resources Council (ANCRC) grants, federal grants, and **two** cash accounts. The expenditures of FY2013 totaled **\$4,376,120**.

6 Critical Fund Sources

Categorized Expenses





\$1,918,398

grant funding

- **\$1,600,000** from the Arkansas Natural and Cultural Resources Council for land acquisitions, stewardship funding for land management, and research and inventory work
- **\$20,000** from the U.S. Fish and Wildlife Service (USFWS) Partners for Fish and Wildlife program to address critical recovery needs of Arkansas's federally listed or imperiled plant species
- **\$200,100** from the Land and Water Conservation Fund through the Arkansas Department of Parks and Tourism's Outdoor Recreation Grants program for the acquisition of land at Devil's Eyebrow Natural Area
- **\$60,125** from the USFWS State Wildlife Grants program through the Arkansas Game and Fish Commission (AGFC) to restore tallgrass prairie and woodland at H.E. Flanagan Prairie Natural Area
- **\$15,000** from the USFWS State Wildlife Grants program through the AGFC to re-assess the conservation ranks for birds
- **\$18,693** from the USFWS Section 6 Endangered Species Grants program for surveys and research on four plant species of conservation concern in Arkansas
- **\$2,480** from the Arbor Day Foundation for seedlings to reforest land at Pine City and Warren Prairie Natural Areas
- **\$2,000** from the Arkansas State Chapter of the National Wild Turkey Federation, Super Fund program to restore open pine woodland habitat for wild turkey and other woodland bird species of concern at Warren Prairie Natural Area

These grants provide a lifeline to species on the brink by fostering partnerships between federal, state and local governments, private organizations, and individuals ,empowering them to develop creative solutions ...

Dan Ashe, Director
U.S. Fish and Wildlife Service

Cooperative and Collaborative Approaches to Conservation



The ANHC often combines resources with other agencies and organizations to achieve conservation goals. These partnerships are formalized and presented to the commission as cooperative agreements detailing the project scope, commitment of agency resources, and any expected receivables.

In Fiscal Year 2013, the ANHC presented **69** cooperative agreements for commission approval totaling approximately **16** percent of the collective staff time for the year. **Seven** of the agreements presented were new opportunities for collaboration while the remaining **62** represented the continuation of successful on-going projects.

By forming partnerships, the ANHC accomplishes far more than it could by working alone. Examples of the cooperative work that extended our impact this year include:

At **15,922 acres**, Moro Big Pine Natural Area in Calhoun County is one of the largest perpetual conservation easements in the state. The area is cooperatively managed by the Arkansas Game and Fish Commission, the ANHC, and Potlatch Forestry Holdings, Inc. The managing organizations, along with The Nature Conservancy, come together annually to plan management activities and provide status reports for work completed.

A newly forged collaboration with the Illinois River Partnership focuses on conserving the Cave Springs Cave Natural Area and the greater Illinois River Watershed through public education and community outreach, water quality monitoring, and the implementation of conservation and restoration practices throughout the watershed. ANHC staff provide technical expertise and advice for educational materials, trail development, and volunteer efforts.

ANHC staff regularly serve as instructors at the annual Arkansas Prescribed Fire School that provides training to natural resource professionals in the use of prescribed fire for land management. Students attending this specialized training vary from state and federal agency staff to private consultants and forest industry professionals.

37 Partners in Conservation

To encourage excellence in secondary science education, the ANHC sponsored **four** student science fair awards at the annual Arkansas State Science and Engineering Fair. For the sixth year, “Natural Heritage” awards provided students with a small monetary contribution to defer costs for participating in national competition. ANHC staff also serve as judges at local, regional, and state science fairs.



I wanted to extend my thanks for choosing my science fair project as one of the winners of the natural heritage award this year. I used the prize money to help fund my trip to the International Science Fair. I'm sure future competitors will benefit from the award as much as I have.

Noel Philly, Crossett High School

15 Commission Members

The Commission participates in quarterly meetings, provides general direction to ANHC professional staff, acts on proposals for acquiring and dedicating natural areas, establishes rules and regulations, and adopts and amends management plans for individual natural areas. **Nine** members are appointed by the Governor for staggered terms of **9** years each. In addition, the President Pro Tempore of the Senate appoints **3** members, and the Speaker of the House of Representatives appoints **3** members.

Governor Appointees

Curtis Adams, Jr., Secretary, Fort Smith
Christian “Trey” Ashcraft, Pine Bluff
Manuel Barnes, Bentonville
Robert Bevis, Vice-Chairman, Scott
Lucien Gillham, Sherwood
Mark Karnes, Chairman, Arkadelphia
Sally McLarty, Newport
Neill Sloan, Lake Village
Doug Swann, Little Rock/**Deborah Hoofman**, Enola
(newly appointed)

Senate Appointees

Ann Cornwell, Little Rock
Robin Lockhart, Little Rock
Gerry Soltz, Morrilton

House Appointees

Jim Daniels, McGehee
Stephen Morley, North Little Rock
Sharon Walker, Lake Village

22 Staff Members

Administration

Chris Colclasure, Director
Jennifer Akin, Deputy Director
Toni Snow, Administrative Specialist
Andrea Jenkins, Business Operations Specialist

Research & Inventory

Bill Holimon, Chief of Research & Inventory
Tom Foti, Biologist, Extra Help
Cindy Osborne, Heritage Program Data Manager
Theo Witsell, Botanist
Samantha Scheiman, Grants Coordinator
Scotty Winningham, Assistant Data Manager
Brent Baker, Botanist
Jason Throneberry, Aquatic Species Biologist
Katie Shannon, Assistant Data Manager

Acquisitions & Stewardship

Bryan Rupar, Chief of Acquisitions & Stewardship
Doug Fletcher, Chief of Stewardship
John O’Dell, Land Management Specialist
Patrick Solomon, Land Management Specialist
Toby Von Rembow, Land Management Specialist
Chris Jones, Stewardship, Extra Help
Nick Davis, Stewardship, Extra Help

Education & Information

Jane Jones-Schulz, Education & Information
Coordinator
Ruthie Berryhill, Public Information Specialist

**ANHC is an agency of the
Department of Arkansas Heritage**

Martha Miller, Director
Marynell Branch, Deputy Director for Heritage Resources

Contact Us:

323 Center Street, Suite 1500
Little Rock, AR 72201
501.324.9619/ Fax 501.324.9618
TDD: 501.324.9150

Email:

arkansas@naturalheritage.com

Web:

www.naturalheritage.com

System of Natural Areas

Arkansas Code Annotated §15-20-303 establishes a state System of Natural Areas and directs the ANHC to "...choose lands, waters, and interests therein to be acquired ... for inclusion in the natural area system." Lands held within the System of Natural Areas represent some of the best and last remaining examples of many of the state's natural communities. Along with representing fragments of Arkansas's natural heritage, these natural areas also comprise vital habitat for a host of plant and animal species, some of which are now considered to be rare, threatened, or endangered.

The following pages describe the status and condition of each portion of the System of Natural Areas as required by A.C.A. § 15-20-308 (11). Entries for individual natural areas include county location, size, driving directions, site description, status, and details regarding stewardship activities conducted at the site over the reporting year. Management plan status, ownership/legal interest, and elements of special concern are also detailed for each area.

Searches for rare species (in the field and in libraries, herbaria, the Internet, etc.) may reveal a conservation status change is necessary. As new information becomes available, rare species and natural communities may be added to (or eliminated from) the biodiversity database, and included (or no longer listed) as the commission's elements of special concern.

The System of Natural Areas section can be cross-referenced in two ways: numerically by location on the state map (Page iii of this report) or alphabetically by name (Page v of this report).

Natural areas are managed for varying levels of public usage, and accessibility varies widely. When compatible with the overall conservation vision of the area, efforts are made to provide safe opportunities for moderate, low-impact public use such as bird watching or photography as well as scientific research and education. General guidelines for public use include:

- Travel is limited to foot traffic to minimize erosion and disturbance to sensitive areas. Trails and parking are not available at all areas and may be very limited at some.
- The collection and/or removal of plants (including fruits, nuts, or edible plant parts), animals, fungi, rocks, minerals, fossils, archaeological artifacts, soil, downed wood, or any other natural material alive or dead is prohibited. Exceptions to this include collecting for scientific research that requires a permit from the ANHC and specific forms of hunting established in cooperation with the Arkansas Game and Fish Commission (AGFC). Details for those natural areas within the AGFC Wildlife Management Area System are published yearly in the AGFC's *Arkansas Hunting Guidebook*.
- Natural area boundaries are posted. Adjacent private landowners should always be consulted for permission before crossing private lands.
- Camping and campfires are not allowed. Pets are discouraged but if present, should be under their owner's control.

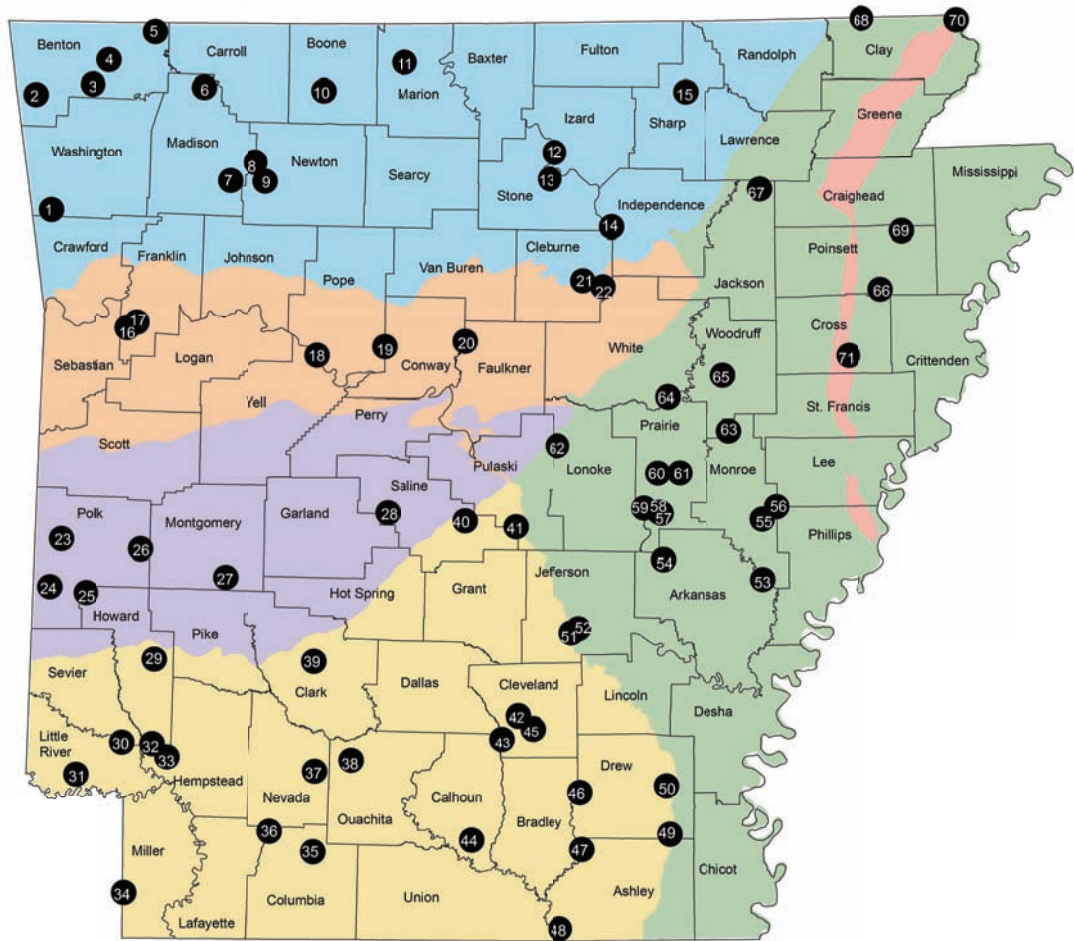
Printed boundary maps and county locator maps of each natural area are available free of charge, and may be requested by mail, phone, fax, or email. Maps can also be downloaded directly from the ANHC website: www.naturalheritage.com (click on the "Natural Areas" tab for an interactive map). Contact information for the ANHC is as follows:

323 Center Street, Suite 1500 Little Rock, Arkansas 72201
Phone: 501-324-9619 Fax: 501.324.9618 TDD: 501.324.9811
e-mail: arkansas@naturalheritage.com



Devil's Eyebrow Natural Area

System of Natural Areas



Arkansas has six (6) major natural divisions. Each division has its own distinctive components related to geology, climate, plants, animals, soils and people.

The six major ecoregions of Arkansas are:

- Arkansas Valley
- Ozark Mountains
- Mississippi Alluvial Plain
- Crowley's Ridge
- Ouachita Mountains
- Coastal Plain

Note: natural area dots are arranged and numbered by natural division

**Arkansas Natural Heritage Commission
System of Natural Areas
Map Location Listing**

Map Location #		Status Report Page Number
1	Garrett Hollow Natural Area	1-34
2	Chesney Prairie Natural Area	1-15
3	Cave Springs Cave Natural Area	1-11
4	Searles Prairie Natural Area	1-71
5	Devil's Eyebrow Natural Area	1-25
6	Bear Hollow Natural Area	1-5
7	Kings River Falls Natural Area	1-43
8	Sweden Creek Falls Natural Area	1-81
9	Pine Hollow Natural Area	1-62
10	Baker Prairie Natural Area	1-3
11	Slippery Hollow Natural Area	1-74
12	Devil's Knob-Devil's Backbone Natural Area	1-27
13	Hell Creek Natural Area	1-39
14	Foushee Cave Natural Area	1-32
15	Rock Creek Natural Area	1-66
16	Cherokee Prairie Natural Area	1-13
17	H. E. Flanagan Prairie Natural Area	1-36
18	Dardanelle Rock Natural Area	1-24
19	Goose Pond Natural Area	1-35
20	Cove Creek Natural Area	1-21
21	Cow Shoals Riverfront Forest Natural Area	1-22
22	Big Creek Natural Area	1-7
23	Iron Mountain Natural Area	1-42
24	Fernwood Seep Natural Area	1-31
25	Cossatot River State Park-Natural Area	1-18
26	Big Fork Creek Natural Area	1-8
27	Gap Creek Natural Area	1-33
28	Middle Fork Barrens Natural Area	1-51
29	Stone Road Glade Natural Area	1-79
30	White Cliffs Natural Area	1-88
31	Palmetto Flats Natural Area	1-59
32	Saratoga Blackland Prairie Natural Area	1-70
33	Nacatoch Ravines Natural Area	1-58
34	Miller County Sandhills Natural Area	1-52
35	Logoly Natural Area	1-47
36	Falcon Bottoms Natural Area	1-29
37	Arkansas Oak Natural Area	1-1
38	Poison Springs State Forest Sand Barren & Oak- Pine Forest Preserve	1-63
39	Terre Noire Natural Area	1-84
40	Mills Park Natural Area	1-54
41	Lorance Creek Natural Area	1-49
42	Kingsland Prairie Natural Area	1-44
43	Moro Creek Bottoms Natural Area	1-57
44	Moro Big Pine Natural Area-Wildlife Management Area	1-55
45	Hall Creek Barrens Natural Area	1-38
46	Warren Prairie Natural Area	1-86
47	Longview Saline Natural Area	1-48
48	Coffee Prairie Natural Area	1-17

**Arkansas Natural Heritage Commission
System of Natural Areas
Map Location Listing**

Map Location #		Status Report Page Number
49	Cut-off Creek Ravines Natural Area	1-23
50	Seven Devils Swamp Natural Area	1-72
51	Byrd Lake Natural Area	1-9
52	Taylor Woodlands Natural Area	1-83
53	Striplin Woods Natural Area	1-80
54	Roth Prairie Natural Area	1-69
55	Pine City Natural Area	1-60
56	Louisiana Purchase Natural Area	1-50
57	Konecny Prairie Natural Area	1-46
58	Konecny Grove Natural Area	1-45
59	Smoke Hole Natural Area	1-76
60	Railroad Prairie Natural Area	1-65
61	Downs Prairie Natural Area	1-28
62	Holland Bottoms Willow Oak Forest Preserve.	1-40
63	Benson Creek Natural Area	1-6
64	Holloway Memorial Natural Area	1-41
65	Cache River Natural Area	1-10
66	Singer Forest Natural Area	1-73
67	Swifton Sand Ponds Natural Area	1-82
68	Stateline Sand Ponds Natural Area	1-78
69	St. Francis Sunken Lands Natural Area	1-77
70	Chalk Bluff Natural Area	1-12
71	Wittsburg Natural Area	1-90

**Arkansas Natural Heritage Commission
System of Natural Areas
Map Location Listing**

Map Location #		Status Report Page Number
37	Arkansas Oak Natural Area	1-1
10	Baker Prairie Natural Area	1-3
6	Bear Hollow Natural Area	1-5
63	Benson Creek Natural Area	1-6
22	Big Creek Natural Area	1-7
26	Big Fork Creek Natural Area	1-8
51	Byrd Lake Natural Area	1-9
65	Cache River Natural Area	1-10
3	Cave Springs Cave Natural Area	1-11
70	Chalk Bluff Natural Area	1-12
16	Cherokee Prairie Natural Area	1-13
2	Chesney Prairie Natural Area	1-15
48	Coffee Prairie Natural Area	1-17
25	Cossatot River State Park-Natural Area	1-18
20	Cove Creek Natural Area	1-21
21	Cow Shoals Riverfront Forest Natural Area	1-22
49	Cut-off Creek Ravines Natural Area	1-23
18	Dardanelle Rock Natural Area	1-24
5	Devil's Eyebrow Natural Area	1-25
12	Devil's Knob-Devil's Backbone Natural Area	1-27
61	Downs Prairie Natural Area	1-28
36	Falcon Bottoms Natural Area	1-29
24	Fernwood Seep Natural Area	1-31
14	Foushee Cave Natural Area	1-32
27	Gap Creek Natural Area	1-33
1	Garrett Hollow Natural Area	1-34
19	Goose Pond Natural Area	1-35
17	H. E. Flanagan Prairie Natural Area	1-36
45	Hall Creek Barrens Natural Area	1-38
13	Hell Creek Natural Area	1-39
62	Holland Bottoms Willow Oak Forest Preserve	1-40
64	Holloway Memorial Natural Area	1-41
23	Iron Mountain Natural Area	1-42
7	Kings River Falls Natural Area	1-43
42	Kingsland Prairie Natural Area	1-44
58	Konecny Grove Natural Area	1-45
57	Konecny Prairie Natural Area	1-46
35	Logoly Natural Area	1-47
47	Longview Saline Natural Area	1-48
41	Lorance Creek Natural Area	1-49
56	Louisiana Purchase Natural Area	1-50
28	Middle Fork Barrens Natural Area	1-51
34	Miller County Sandhills Natural Area	1-52
40	Mills Park Natural Area	1-54
44	Moro Big Pine Natural Area-Wildlife Management Area	1-55
43	Moro Creek Bottoms Natural Area	1-57
33	Nacatoch Ravines Natural Area	1-58
31	Palmetto Flats Natural Area	1-59

**Arkansas Natural Heritage Commission
System of Natural Areas
Map Location Listing**

Map Location #		Status Report Page Number
55	Pine City Natural Area	1-60
9	Pine Hollow Natural Area	1-62
38	Poison Springs State Forest Sand Barren & Oak- Pine Forest Preserve	1-63
60	Railroad Prairie Natural Area	1-65
15	Rock Creek Natural Area	1-66
54	Roth Prairie Natural Area	1-69
32	Saratoga Blackland Prairie Natural Area	1-70
4	Searles Prairie Natural Area	1-71
50	Seven Devils Swamp Natural Area	1-72
66	Singer Forest Natural Area	1-73
11	Slippery Hollow Natural Area	1-74
59	Smoke Hole Natural Area	1-76
69	St. Francis Sunken Lands Natural Area	1-77
68	Stateline Sand Ponds Natural Area	1-78
29	Stone Road Glade Natural Area	1-79
53	Striplin Woods Natural Area	1-80
8	Sweden Creek Falls Natural Area	1-81
67	Swifton Sand Ponds Natural Area	1-82
52	Taylor Woodlands Natural Area	1-83
39	Terre Noire Natural Area	1-84
46	Warren Prairie Natural Area	1-86
30	White Cliffs Natural Area	1-88
71	Wittsburg Natural Area	1-90

Arkansas Oak Natural Area

County Name: Nevada

Size (in acres): 200.27

Latitude: 33.65808

Longitude: -93.17229

Description:

Arkansas Oak Natural Area, located in the Tertiary Uplands Ecoregion of the Coastal Plain, supports a number of plant species considered to be rare in Arkansas. The site is a mosaic of open sand barrens, dry upland woodlands, forested ravines, bottomland forests, shrub swamps, and seeps containing a diverse flora. The natural area adjoins Poison Springs State Forest and is co-managed with the Arkansas Forestry Commission (AFC).

Access:

Take State Highway 299 at Bluff City and proceed southwest for 4.3 miles. Turn left (south) onto County Road 47 and continue south for 1.4 miles. Park along roadside; the natural area is located on both sides of the road.

Management Plan:

The conservation vision is to protect, restore, and maintain sandhill oak and shortleaf pine forests and woodlands, sandhill barrens, seeps, and shrub wetlands characteristic of the central sandhills region of the Coastal Plain. The management plan was updated and approved by the commission on 11/8/2011.

Stewardship Activities:

ANHC staff maintained the boundaries and installed a new entrance sign. Staff also conducted general plant inventory, rare plant monitoring, and surveys for American chaffseed.

Date of Last Visit: 6/6/2013

Status:

An impoundment created by beavers has caused a shift in the vegetative communities. Inventory work added species to the plant list and documented three new tracked plants.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Aristida desmantha</i>	curly three-awn	Plant
<i>Aristida lanosa</i>	woolly three-awn	Plant
<i>Astragalus leptocarpus</i>	slim-pod milk-vetch	Plant
<i>Astragalus soxmaniorum</i>	Soxman's milk-vetch	Plant
<i>Carex leptalea</i>	bristly-stalk sedge	Plant
<i>Croton michauxii</i>	narrow-leaf rushfoil	Plant
<i>Cyperus grayoides</i>	Illinois flatsedge	Plant
<i>Cyperus hystricinus</i>	bristly flatsedge	Plant
<i>Danthonia sericea</i>	downy oat grass	Plant
<i>Delphinium carolinianum</i> ssp. <i>vimineum</i>	pinewoods larkspur	Plant
<i>Diaperia candida</i>	silver rabbit-tobacco	Plant
<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	Plant
<i>Eriogonum multiflorum</i> var. <i>multiflorum</i>	many-flower wild buckwheat	Plant
<i>Hymenopappus artemisiifolius</i> var. <i>artemisiifolius</i>	woolly-white	Plant
<i>Nuttallanthus canadensis</i>	sand blue toadflax	Plant
<i>Oenothera heterophylla</i> ssp. <i>orientalis</i>	eastern sandhill evening-primrose	Plant
<i>Penstemon murrayanus</i>	scarlet beardtongue	Plant
<i>Phacelia strictiflora</i> var. <i>robbinsii</i>	Robbins' prairie scorpion-weed	Plant
<i>Pogonomyrmex comanche</i>	Comanche harvester ant	Animal
<i>Polanisia erosa</i> ssp. <i>erosa</i>	sandhill clammy-weed	Plant
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Riddell's spike-moss	Plant
<i>Streptanthus hyacinthoides</i>	sandhill twistflower	Plant
<i>Stylisma pickeringii</i> var. <i>pattersonii</i>	Patterson's dawnflower	Plant
<i>Tradescantia reverchonii</i>	Reverchon's spiderwort	Plant

Acquisition Summary:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Arkansas Oak 1	Fee title	\$32,000.00	\$32,000.00	1/18/1980	State General Improvement Fund, Land and Water Conservation Fund
Arkansas Oak 2	Fee title	\$138,000.00	\$138,000.00	11/2/2007	Natural and Cultural Resources Council

Baker Prairie Natural Area

County Name: Boone

Size (in acres): 30.315

Latitude: 36.24166

Longitude: -93.13479

Description:

Baker Prairie Natural Area is a remnant of what was once a 5,000-acre tallgrass prairie located west and south of present day downtown Harrison. It is the largest known remnant of Ozark Mountain prairie occurring on a chert substrate. The prairie harbors a number of species of animals and plants of special concern in Arkansas. Due to its location within the city limits of Harrison, local development could impact the integrity of the natural area. The area is managed cooperatively with an adjacent tract owned by The Nature Conservancy (TNC).

Access:

Follow U.S. Highway 65 north through Harrison. At the intersection of Hwy. 65, Hwy. 65B (North Main) and Industrial Park Road continue west on Industrial Park Road (Hwy. 65 is the main road and will turn to the north at this point). Follow Industrial Park Road to Goblin Drive. Turn left on Goblin Drive. The prairie is 0.5 mile down Goblin Drive. Signs are on both sides of the road. Parking is available on the left side of the road at the high school.

Management Plan:

The conservation vision is to protect, restore, and maintain the mosaic of plant communities and associated ecological diversity of an Ozark chert prairie ecosystem. The management plan was updated and approved by the commission on 8/3/2010.

Stewardship Activities:

ANHC staff monitored the natural area, maintained the boundaries and entrance signs, and treated invasive plant species. A contractor executed a prescribed burn on 31 acres. ANHC staff worked with the Commissioner of State Lands Office and the Department of Finance and Administration to open bids for haying, but no bids were received.

Date of Last Visit: 5/17/2013

Status:

Runoff from neighboring property has caused an erosion problem on a portion of the natural area. A prescribed fire reduced woody encroachment and dead plant material in the eastern burn unit.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Antennaria neglecta</i>	field pussytoes	Plant
<i>Bombus fervidus</i>	golden northern bumblebee	Animal
<i>Carex bicknellii</i>	Bicknell's sedge	Plant
<i>Carex gravida</i>	heavy sedge	Plant
<i>Drymocallis arguta</i>	tall cinquefoil	Plant
<i>Empidonax traillii</i>	Willow Flycatcher	Animal
<i>Erythronium mesochoreum</i>	prairie trout-lily	Plant
<i>Gentiana puberulenta</i>	downy gentian	Plant
<i>Gryllotalpa major</i>	prairie mole cricket	Animal
<i>Helianthus occidentalis ssp. occidentalis</i>	naked-stem sunflower	Plant
<i>Koeleria macrantha</i>	prairie June grass	Plant
<i>Laphria vorax</i>	a robberfly	Animal
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	Plant
Ozark Prairie and Woodland		Natural Community
<i>Prenanthes aspera</i>	prairie rattlesnake-root	Plant
<i>Silene regia</i>	royal catchfly	Plant
<i>Solidago juncea</i>	early goldenrod	Plant
<i>Symphotrichum sericeum</i>	silvery aster	Plant
<i>Terrapene ornata ornata</i>	ornate box turtle	Animal
<i>Trillium ozarkanum</i>	Ozark trillium	Plant
<i>Viola pedatifida</i>	prairie violet	Plant

Acquisition Summary:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Baker 1	Fee title	\$112,575.00	\$97,572.00	1/7/1993	Natural and Cultural Resources Council, Land and Water Conservation Fund
Baker 2	Fee title	\$114,780.00	\$99,476.00	11/8/1993	Natural and Cultural Resources Council, Land and Water Conservation Fund

Bear Hollow Natural Area

County Name: Madison

Size (in acres): 397.10

Latitude: 36.25392

Longitude: -93.70932

Description:

Bear Hollow Natural Area includes a mile of the intermittent Bear Hollow Creek, beginning about 0.25 mile upstream from its confluence with Rockhouse Creek. The natural area is enclosed by ridges along most of its perimeter, with only one hilltop farm in prominent view. Located near the center of the site is the Ozark Natural Science Center (ONSC). This center was established in 1990 to provide environmental education opportunities for the people of the Ozark Mountains region. The natural area is bounded on the north and south by the Arkansas Game and Fish Commission's (AGFC) Madison County Wildlife Management Area.

Access:

From Huntsville, follow State Highway 23 north. Pass through Withrow Springs State Park and the town of Forum. Approximately 3 miles north of Forum turn right onto County Road 1235 (formerly County Road 30) at the large brown Madison County Wildlife Management Area sign. Continue past the Arkansas Game & Fish Commission Headquarters trailer and turn right onto County Road 1250 at a green rectangular Ozark Natural Science Center (ONSC) sign. Turn left on County Road 1305 at the brown ONSC sign. Continue for two miles to the ONSC. The natural area is adjacent to ONSC property to the south and east.

Management Plan:

The conservation vision is to work in conjunction with the Ozark Natural Science Center and the AGFC to protect and maintain the ecological diversity characteristic of a mosaic of plant communities representative of the Ozark Mountains. The management plan was updated and approved by the commission on 11/8/2011.

Stewardship Activities:

ANHC staff installed a new entrance sign, maintained the parking area and monitored trail maintenance by ONSC staff. An ANHC staff member regularly attended the ONSC board of directors meetings.

Date of Last Visit: 4/17/2013

Status:

The area was utilized by approximately 2,700 students this year. Field assessments noted heavy fuel loading from earlier ice storms.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Argyrochosma dealbata</i>	powdery cloak fern	Plant
<i>Bromus nottowayanus</i>	satin brome	Plant
<i>Carex sparganioides</i>	bur-reed sedge	Plant
<i>Hieracium scabrum</i>	rough hawkweed	Plant
<i>Symphotrichum sericeum</i>	silvery aster	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Bear Hollow 1	Fee title	\$0.00	\$0.00	9/12/1991	Gift

Benson Creek Natural Area

County Name: Monroe, Woodruff **Size (in acres):** 1,458.79 **Latitude:** 34.93567 **Longitude:** -91.24099

Description:

Benson Creek Natural Area, located in the Mississippi Alluvial Plain of eastern Arkansas, provides an extension and buffer to a high-quality bald cypress-water tupelo swamp located along Bayou DeView. Previously disturbed plant communities within the natural area are the focus of restoration efforts designed to improve the ecological quality of the site. The Nature Conservancy (TNC) and the Arkansas Natural Heritage Commission (ANHC) hold an undivided interest in 302 acres.

Access:

From Brinkley go north on U.S. Highway 49 to State Highway 17. Go west on State Highway 17 about 3 miles to the bridge over Bayou DeView. Parking and boat access are available south of bridge.

Management Plan:

The conservation vision is to protect, restore, and maintain the ecological diversity characteristic of bottomland hardwood forests, giant cane shrubland, and swamp communities of the Mississippi Alluvial Plain along Benson Creek. The management plan was updated and approved by the commission on 8/3/2010.

Stewardship Activities:

ANHC staff maintained the boundaries of the area and worked with TNC to plan and begin a Wetland Reserve Enhancement project.

Date of Last Visit: 6/7/2013

Status:

The water trail opened to the public. Cooperative field assessments noted the need for improved drainage in part of the natural area. Coordination and design of a Wetland Reserve Enhancement project has been completed for a portion of the natural area.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Lower Mississippi River Bottomland Depression</i>		Natural Community

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Benson Creek 1 (Trice)	ANHC has a 45% undivided interest and The Nature Conservancy has a 55% undivided interest in fee title	\$61,155.00	\$35,000.00	7/8/1993	Natural and Cultural Resources Council
Benson Creek 2 (The Nature Conservancy-1)	Fee title	\$204,260.00	\$178,274.25	8/7/2006	Natural and Cultural Resources Council, Land Water Conservation Fund
Benson Creek 2 (The Nature Conservancy-2)	Fee title	\$70,739.20	\$61,740.00	9/26/2007	Natural and Cultural Resources Council, Land Water Conservation Fund
Benson Creek 3 (The Nature Conservancy)	Fee title	\$592,700.00	\$444,602.00	8/4/2008	U.S. Fish and Wildlife Service Grant, Gift
Benson Creek 4 (The Nature Conservancy)	Fee title	\$376,500.00	\$319,214.26	1/15/2009	U.S. Fish and Wildlife Service Grant, Natural and Cultural Resources Council
Benson Creek 5 (The Nature Conservancy)	Fee title	\$130,000.00	\$90,000.00	5/27/2009	Natural and Cultural Resources Council

Big Creek Natural Area

County Name: Cleburne

Size (in acres): 1,507.676

Latitude: 35.5018

Longitude: -91.83698

Description:

Big Creek Natural Area, located near the northeastern limit of the Arkansas Valley, includes approximately five miles of the course of Big Creek, a major tributary of the Little Red River. High water quality and diverse populations of fish and other aquatic organisms are characteristic of Big Creek. Bluffs tower as high as 200 feet above the streambed. This site's topographic relief, varied exposures, and considerable extent provide habitat for a broad array of plant and animal species. A primitive foot-trail provides access to some of the natural area's most interesting features.

Access:

Take State Highway 110 east of Heber Springs to Wilburn. From Wilburn, go east on Tylar Road for approximately 0.9 mile. Turn right onto Center Chapel Road (gravel). Travel approximately 1.4 miles. At the stop sign, go straight onto Heritage Trail Road and follow the signs to the natural area.

Management Plan:

The conservation vision is to protect and maintain the mosaic of aquatic and terrestrial communities in Big Creek and its watershed, characteristic of an eastern Arkansas Valley upland forest and woodland, riparian forest, and stream system. The management plan was updated and approved by the commission on 8/9/2011.

Stewardship Activities:

ANHC staff periodically collected water quality samples for analysis, maintained the trail and boundaries, and installed a new entrance sign. Staff also marked a portion of the area for a contracted ecological thinning project.

Date of Last Visit: 6/25/2013

Status:

Water quality monitoring found no significant degradation of the overall water quality. A reduction of the mid-story has taken place on a portion of the natural area. Field assessments noted the need for ecological thinning.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
Central Interior Highlands & Appalachian Sinkhole & Depression Pond		Natural Community
<i>Deschampsia flexuosa</i>	wavy hair grass	Plant
<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	Plant
<i>Lampsilis streckeri</i>	speckled pocketbook	Animal
<i>Lasmigona costata</i>	flutedshell	Animal
<i>Mimulus floribundus</i>	yellow monkey-flower	Plant
<i>Pantherophis emoryi</i>	Great Plains ratsnake	Animal
<i>Philadelphus hirsutus</i>	hairy mock orange	Plant
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	Animal
<i>Silene ovata</i>	ovate-leaf catchfly	Plant
<i>Toxolasma lividum</i>	purple lilliput	Animal
<i>Villosa iris</i>	rainbow	Animal

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Big Creek 1 (Petersen)	Fee title	\$353,600.00	\$331,500.00	2/7/1978	State General Improvement Fund, Land and Water Conservation Fund
Big Creek 2 (Green Bay)	Fee title	\$288,000.00	\$288,000.00	12/21/1998	Natural and Cultural Resources Council

Big Fork Creek Natural Area

County Name: Polk

Size (in acres): 13.58

Latitude: 34.49781

Longitude: -93.97282

Description:

Big Fork Creek Natural Area, located in the Ouachita Mountains, is a small mesophytic (moderately dry) tract containing an abundance of wildflowers and ferns, a free-flowing spring, and a small section of Big Fork Creek. The bluff and stream terrace near the spring support an excellent example of a diverse mesic hardwood forest with several rare plant species.

Access:

Take State Highway 8 West at Big Fork. Travel 0.25 mile, then turn right on Polk County Road 67. Go 0.3 mile and bear left at the fork. Travel 0.1 mile to the parking area on the north side of the county road.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity characteristic of plant communities along Big Fork Creek including forests and associated springs and seeps in the Ouachita Mountain ecoregion. The management plan was updated and approved by the commission on 11/8/2011.

Stewardship Activities:

ANHC staff performed routine grounds maintenance task including trash removal and sign maintenance.

Date of Last Visit: 6/25/2013

Status:

The area continues to be utilized by the public. Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Cardamine angustata</i>	slender toothwort	Plant
<i>Carex laevivaginata</i>	smooth-sheath sedge	Plant
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	Plant
<i>Dryopteris celsa</i>	log fern	Plant
<i>Hydrophyllum brownei</i>	Browne's waterleaf	Plant
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	Animal
<i>Plethodon serratus</i>	southern red-backed salamander	Animal
<i>Scirpus polyphyllus</i>	leafy bulrush	Plant
<i>Solidago ouachitensis</i>	Ouachita goldenrod	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Big Fork 1	Fee title	\$16,975.00	\$15,100.00	12/6/1978	State General Improvement Fund

Byrd Lake Natural Area

County Name: Jefferson

Size (in acres): 144

Latitude: 34.17993

Longitude: -91.9995

Description:

Byrd Lake is an oxbow lake that still interacts with its parent stream, Bayou Bartholomew, in times of high water. The natural area is representative of the natural boundary between the Coastal Plain and the Mississippi Alluvial Plain. Bald cypress trees surround the lake, while adjoining lands support bottomland plant communities that respond to fluctuating water levels and rich alluvial soils. The slopes north of Byrd Lake are well drained and support a contrasting mixed pine-hardwood forest. A paved foot-trail provides visitors with access to the site. Due to its location within the city limits of Pine Bluff, development of nearby private land has the potential to impact the ecological integrity of the natural area.

Access:

From Interstate 530 in Pine Bluff, take exit 43. Travel north on Olive Street approximately 0.5 mile to Main Street and turn right. Travel 0.2 mile to 52nd Street and turn right. Travel east on 52nd Street 0.2 mile to the parking lot on the right.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity characteristic of a mosaic of aquatic and terrestrial communities at Byrd Lake along the boundary between the Mississippi Alluvial Plain and Coastal Plain of Arkansas. The management plan was updated and approved by the commission on 8/7/2012.

Stewardship Activities:

ANHC staff continued treating invasive species, removed trash, and maintained the trail. A trail restoration project was initiated through a wildlife observation grant from Arkansas Game and Fish Commission. A contractor breeched weirs on Byrd Lake in an attempt to restore hydrologic connectivity to Bayou Bartholomew.

Date of Last Visit: 4/16/2013

Status:

Hydrologic connection between Byrd Lake and Bayou Bartholomew has been restored. Invasive plant species were reduced. Field assessments noted the need for trail restoration.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex arkansana</i>	Arkansas sedge	Plant
<i>Carex decomposita</i>	cypress-knee sedge	Plant
<i>Notropis hubbsi</i>	bluehead shiner	Animal
<i>Notropis maculatus</i>	taillight shiner	Animal

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Byrd Lake 1	Fee title	\$239,000.00	\$239,000.00	8/1/1978	State General Improvement Fund, Land and Water Conservation Fund

Cache River Natural Area

County Name: Woodruff

Size (in acres): 937.43

Latitude: 35.15188

Longitude: -91.28856

Description:

Cache River Natural Area consists mainly of a forested wetland complex along the Cache River in the Mississippi Alluvial Plain. The natural area contains a high-quality river swamp and bottomland hardwood forest plus many miles of the Cache River itself. Much of the forested wetlands that occurred across this part of the state have been cleared for agriculture. Areas such as Cache River Natural Area represent the last remaining fragments of these once extensive forested wetlands. This natural area lies within the Rex Hancock/Black Swamp Wildlife Management Area and is co-managed with the Arkansas Game and Fish Commission (AGFC).

Access:

From Augusta, travel south on State Highway 33 to Gregory (from Interstate 40 take exit 202 and travel north on State Highway 33). At Gregory turn east onto County Road 752 and travel 1.4 miles to the intersection with County Road 745. Bear right and continue on County Road 752 for 1.6 miles to the boat launch site.

Management Plan:

The conservation vision is to work in conjunction with the AGFC protect and maintain a river swamp and bottomland hardwood forest along the Cache River characteristic of those once common in the Mississippi Alluvial Plain. The management plan was updated and approved by the commission on 11/8/2011.

Stewardship Activities:

ANHC staff monitored the management activities performed by AGFC and removed trash from the public use areas.

Date of Last Visit: 4/26/2013

Status:

Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Ambystoma talpoideum</i>	mole salamander	Animal
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	Animal
Lower Mississippi River Bottomland Depression		Natural Community
<i>Myotis austroriparius</i>	southeastern myotis	Animal
<i>Toxolasma lividum</i>	purple lilliput	Animal
Willow Oak Forest		Natural Community

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Cache River 1	Conservation easement (Arkansas Game and Fish Commission holds fee title)	\$311,000.00	\$296,530.50	10/12/1983	State General Improvement Fund

Cave Springs Cave Natural Area

County Name: Benton

Size (in acres): 57.265

Latitude: 36.26262

Longitude: -94.22622

Description:

Cave Springs Cave is basically a long "solution channel" formed by a groundwater-fed stream. The stream is considered to be an outstanding example of an Ozark Mountains cave stream and hosts the largest known population of the rare Ozark cavefish. The cave has also harbored a summer maternity colony of gray bats. Ozark trillium, a rare plant species, also occurs on the natural area.

Access:

From State Highway 112/264 junction on the south side of the town of Cave Springs, proceed north about 0.25 mile to Midway Avenue. Turn right (east) and travel 0.25 mile to the northwest corner of the natural area. Park along roadside.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity of karst and aquatic communities, including federally endangered species, and the associated Ozark woodland and forest communities in the cave's recharge area. The management plan was updated and approved by the commission on 2/8/2012.

Stewardship Activities:

ANHC staff continued to treat invasive species, installed a new entrance sign, removed trash, and maintained the boundaries with the assistance of a local volunteer group. A partnership was developed with Illinois River Watershed Partnership for cooperative management activities. Staff also monitored the cave gate for unauthorized access, installed a cave closure sign, and contacted an adjacent landowner about their accidental mowing of a small portion of the hardwood restoration area.

Date of Last Visit: 6/4/2013

Status:

Inventory work added species to the plant list. Invasive plant species were reduced. Field observations noted no evidence of white-nosed syndrome in the bat populations. The seedlings in the forest restoration project continue to survive.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Amblyopsis rosae</i>	Ozark cavefish	Animal
<i>Caecidotea stiladactyla</i>	an isopod	Animal
Cave Stream		Natural Community
<i>Eurycea spelaea</i>	grotto salamander	Animal
<i>Ligidium elrodii</i>	an isopod	Animal
<i>Myotis grisescens</i>	gray myotis	Animal
<i>Orconectes meeki brevis</i>	Meek's short pointed crayfish	Animal
<i>Stygobromus onondagaensis</i>	an amphipod	Animal
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	Animal
<i>Trillium ozarkanum</i>	Ozark trillium	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Cave Springs 1 (Collier)	Fee title	\$49,500.00	\$34,752.70	1/28/1985	State General Improvement Fund
Cave Springs 2 (Loch Lono)	Conservation easement (private landowner holds fee title)	\$2,000.00	\$0.00	6/3/2005	Gift
Cave Springs 3 (Brandon)	Fee title	\$1,250,000.00	\$0.00	12/29/2005	Gift
Cave Springs 4 (Northwest Land)	Fee title	\$397,000.00	\$0.00	12/29/2005	Gift

Chalk Bluff Natural Area

County Name: Clay **Size (in acres):** 54.9252 **Latitude:** 36.47809 **Longitude:** -90.16495

Description:

Chalk Bluff Natural Area is situated on the north end of the Arkansas portion of Crowley's Ridge where the St. Francis River cuts through the Ridge and divides Missouri's "boothel" from Arkansas. Despite its name, Chalk Bluff has no chalk deposits. Rather, its soils are derived from sedimentary materials consisting of light-colored clays, silts, and sands. If exposed, such soils are subject to severe erosion and favor the development of steep slopes and deep ravines. On the natural area, these ravines are characterized by extensive stands of pawpaw and Christmas fern growing beneath beech trees. An upland oak-hickory forest clothes most of the remainder of the area. Clay County holds a long-term lease for development and operation of public-use facilities on a portion of the natural area.

Access:

From U.S. Highway 62 in St. Francis, travel west on County Road 341 for 1.5 miles. At intersection, turn right and go north on County Road 347 for 1.5 miles to the natural area.

Management Plan:

The conservation vision is to work in conjunction with Clay County officials to protect and maintain the ecological diversity, natural communities, and rugged topography associated with Crowley's Ridge, within a historic and recreational park. The management plan was updated and approved by the commission on 8/7/2012.

Stewardship Activities:

ANHC staff monitored the public use areas, and removed trash. Clay County staff continues to perform daily maintenance of the area.

Date of Last Visit: 4/10/2013

Status:

Field assessments noted no problems.

Elements of Special Concern:

Scientific Name

Mississippi River Alluvial Plain Dry-Mesic Loess Slope Forest

Common Name

Type of Element

Natural Community

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Chalk Bluff 1	Fee title	\$45,000.00	\$30,000.00	5/6/1977	State General Improvement Fund

Cherokee Prairie Natural Area

County Name: Franklin

Size (in acres): 584.436

Latitude: 35.33553

Longitude: -94.03834

Description:

Cherokee Prairie Natural Area is one of the largest remaining tracts of tallgrass prairie in the Arkansas Valley. Located just north of Charleston, this tract is a high-quality prairie representative of the more extensive Cherokee Prairies that once occurred across the western portion of the Arkansas Valley. The natural area contains a diverse array of forb species (herbaceous species other than grasses) including compass plant, purple prairie clover, and Indian paintbrush. It also supports a number of plant and animal species that are now considered rare, or even endangered. Prairie Creek flows through the center of the natural area.

Access:

The natural area is located approximately 2 miles north of Charleston, at the intersection of State Highways 60 and 217.

Management Plan:

The conservation vision is to protect, restore, and maintain the aquatic communities of Prairie Creek and the mosaic of plant communities and associated ecological diversity characteristic of tallgrass prairies of the western Arkansas Valley. The management plan was updated and approved by the commission on 8/3/2010.

Stewardship Activities:

ANHC staff removed trash, installed a new entrance sign, and maintained boundaries. Staff also inventoried plant species, monitored populations of rare plant species, and gave a tour of the area to Native Plant Society members. ANHC staff worked with the Commissioner of State Lands Office and the Department of Finance and Administration to open bids for haying resulting in 538 round bales of hay being removed.

Date of Last Visit: 6/4/2013

Status:

Inventory work added species to the plant list. Management activities continued to reduce invasive plant species and hardwood encroachment. Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Ammodramus henslowii</i>	Henslow's Sparrow	Animal
<i>Antennaria neglecta</i>	field pussytoes	Plant
<i>Arkansas Valley Prairie and Woodland</i>		Natural Community
<i>Asio flammeus</i>	Short-eared Owl	Animal
<i>Atrytone arogos</i>	Arogos Skipper	Animal
<i>Bombus fervidus</i>	golden northern bumblebee	Animal
<i>Callophrys irus hadros</i>	Frosted Elfin	Animal
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex opaca</i>	opaque prairie sedge	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Erythronium mesochoreum</i>	prairie trout-lily	Plant
<i>Gentiana puberulenta</i>	downy gentian	Plant
<i>Gryllotalpa major</i>	prairie mole cricket	Animal
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	Plant
<i>Koeleria macrantha</i>	prairie June grass	Plant
<i>Laphria vorax</i>	a robberfly	Animal
<i>Lithospermum incisum</i>	fringed puccoon	Plant
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	Plant
<i>Nicrophorus americanus</i>	American burying beetle	Animal
<i>Prenanthes aspera</i>	prairie rattlesnake-root	Plant
<i>Rhynchospora macrostachya</i>	prairie horned beaksedge	Plant
<i>Scleria muehlenbergii</i>	Muhlenberg's nut-rush	Plant
<i>Solidago tortifolia</i>	twist-leaf goldenrod	Plant
<i>Terrapene ornata ornata</i>	ornate box turtle	Animal

Acquisition Summary:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Cherokee Prairie 1 Fee title (C-Bar)		\$224,000.00	\$220,000.00	7/12/1983	State General Improvement Fund, Land and Water Conservation Fund
Cherokee Prairie 2 Fee title (Carmen Lake)		\$144,000.00	\$112,647.50	5/15/1986	State General Improvement Fund, Land and Water Conservation Fund
Cherokee Prairie 3 Fee title (Bollinger)		\$79,300.00	\$79,300.00	1/25/1996	Natural and Cultural Resources Council

Chesney Prairie Natural Area

County Name: Benton

Size (in acres): 82.54

Latitude: 36.21865

Longitude: -94.4822

Description:

Chesney Prairie Natural Area is one of very few tallgrass prairie remnants left on the Arkansas portion of the Springfield Plateau and supports a number of rare species. Much of its flora and fauna is representative of the once extensive upland prairies and savannas of the western Ozark Mountains. Sager Creek runs through the prairie, creating a wooded riparian corridor.

Access:

From Interstate 540 in Springdale, take U.S. Highway 412 west approximately 17.5 miles to State Highway 59. Turn right on State Highway 59 and travel north 2.0 miles to County Road 6 (Chesney Road). Turn right on County Road 6 and travel east approximately 0.8 mile to a farm road on the left. Turn left on this farm road and travel north 0.5 mile along easements to the southeast corner of the natural area as indicated by the natural area sign.

Management Plan:

The conservation vision is to protect, restore, and maintain the mosaic of plant communities and associated ecological diversity of an Ozark tallgrass prairie ecosystem characteristic of Northwest Arkansas prairies. The management plan was updated and approved by the commission on 8/7/2012.

Stewardship Activities:

ANHC staff maintained the boundaries, led a tour for ANHC Commissioners, and conducted vascular plant inventories. Contractors executed a prescribed burn, invasive species management, and plant community monitoring as part of a restoration project.

Date of Last Visit: 4/30/2013

Status:

Inventory work added new species to the plant list. Invasive plant species were reduced. A prescribed burn reduced woody encroachment on a portion of the area.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Amorpha canescens</i>	lead-plant	Plant
<i>Antennaria neglecta</i>	field pussytoes	Plant
<i>Asclepias incarnata ssp. incarnata</i>	swamp milkweed	Plant
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex bicknellii</i>	Bicknell's sedge	Plant
<i>Carex conjuncta</i>	soft fox sedge	Plant
<i>Carex davisii</i>	Davis' sedge	Plant
<i>Carex gravida</i>	heavy sedge	Plant
<i>Carex opaca</i>	opaque prairie sedge	Plant
<i>Carex pellita</i>	woolly sedge	Plant
<i>Carex scoparia var. scoparia</i>	pointed broom sedge	Plant
<i>Cistothorus platensis</i>	Sedge Wren	Animal
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Gentiana puberulenta</i>	downy gentian	Plant
<i>Gryllotalpa major</i>	prairie mole cricket	Animal
<i>Helianthus pauciflorus ssp. pauciflorus</i>	prairie sunflower	Plant
<i>Koeleria macrantha</i>	prairie June grass	Plant
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	Plant
Ozark Prairie and Woodland		Natural Community
<i>Scleria muehlenbergii</i>	Muhlenberg's nut-rush	Plant
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	Plant
<i>Terrapene ornata ornata</i>	ornate box turtle	Animal

Acquisition Summary:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Chesney 1	Fee title	\$121,000.00	\$121,000.00	10/24/2000	Natural and Cultural Resources Council
Chesney 2	Fee title	\$155,890.00	\$155,890.00	6/26/2008	1/8 Cent Conservation Tax, Natural and Cultural Resources Council

Coffee Prairie Natural Area

County Name: Ashley

Size (in acres): 56

Latitude: 33.0595

Longitude: -92.05709

Description:

Coffee Prairie Natural Area, located in the Coastal Plain, preserves some of the last remaining examples of a type of grassland called "lowland sand prairie." This rare community is known to occur only in extreme southern Arkansas and northern Louisiana in the bottomlands of the Ouachita River and is unlike any other grassland type in Arkansas in species composition, soils, and hydrology. Coffee Prairie Natural Area falls within the Beryl Anthony/Lower Ouachita Wildlife Management Area and is co-managed with the Arkansas Game and Fish Commission (AGFC).

Access:

From the intersection of U.S. Highway 82 and State Highway 169 in western Crossett, take U.S. Highway 82 west approximately 3.8 miles and then turn left (south) on Ramsour Road. Take Ramsour Road 2.2 miles and turn right (south) on Walls Trail and travel 1.4 miles to Cremer Trail. Turn right (west) and go 0.5 mile on Cremer Trail, and then turn left (south) on Loop Road. Travel 2.5 miles to Missouri Pacific Railroad Tram Road. Turn left (southeast) onto Missouri Pacific Railroad Tram Road and travel 1.1 miles to the natural area road. The natural area road is on the right (south) side, just past an open, flooded area that is on the left (north) side of the Tram Road. Park at Arkansas Game and Fish Commission parking area. Walk along the old road trace in a southwesterly direction (posted with blue diamonds) to the boundary of the natural area.

Management Plan:

The conservation vision is to work with the AGFC to protect, restore, and maintain the ecological diversity of a lowland sand prairie in the Coastal Plain that supports an isolated population of the federally endangered shrub pondberry. The management plan was updated and approved by the commission on 8/7/2012.

Stewardship Activities:

ANHC staff conducted routine grounds maintenance activities and monitored water levels.

Date of Last Visit: 5/23/2013

Status:

The area experienced prolonged flooding. Field assessments noted no other problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex glaucescens</i>	southern waxy sedge	Plant
<i>Coelorachis rugosa</i>	wrinkled joint-tail	Plant
<i>Lindera melissifolia</i>	pondberry	Plant
<i>Stylisma aquatica</i>	water dawnflower	Plant
West Gulf Coastal Plain Lowland Sand Prairie		Natural Community

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Coffee Prairie 1	Conservation easement (Arkansas Game and Fish Commission holds fee title)	\$11,225.57	\$11,225.57	7/24/1991	ANHC purchased 2 tracts of land that became part of Cut-off Creek WMA. Title to that land went to AGFC; ANHC retained an easement in exchange, AGFC dedicated conservation easements on Rock Creek, Coffee Prairie, & additional land at Cut-off Creek

Cossatot River State Park-Natural Area

County Name: Howard, Polk

Size (in acres): 4,470.20

Latitude: 34.29388

Longitude: -94.17704

Description:

The Cossatot River is an outstanding example of an upland river in the Ouachita Mountains. As it flows southward, the river cuts through a series of east-west oriented ridges, producing magnificent rapids and waterfalls. The natural area supports at least two fish species endemic to the Little River system and numerous special plant species, including Browne's waterleaf. The area is managed cooperatively with Arkansas State Parks (ASP). Portions of the site have been developed to enhance public visitation and environmental education opportunities. These developments include a visitor information center, a canoe launching area, solar restrooms, picnic areas, primitive camp sites, a hiking/nature trail, and a barrier-free pedestrian river walkway.

Access:

The area may be reached by traveling U.S. Highway 278 (old State Highway 4) west from Umpire about 9 miles or east from U.S. Highway 71 at Wickes about the same distance. State Highway 246 passes through the northern portion of the area between Athens and Vandervoort. The Visitor Center is located off of U.S. Highway 278.

Management Plan:

The conservation vision is to work in conjunction with ASP to protect and maintain the ecological diversity and mosaic of unique natural communities found within an upland Ouachita Mountain stream along the Cossatot River. The management plan was updated and approved by the commission on 2/8/2011.

Stewardship Activities:

ASP staff continued with day-to-day management of the area as a state park. ANHC staff led tours for members of the Arkansas Native Plant Society, conducted plant inventories and rare plant monitoring, and installed a Land and Water Conservation Fund sign.

Date of Last Visit: 4/14/2013

Status:

Inventory work added species to the plant list. Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Acer saccharum var. leucoderme</i>	chalk maple	Plant
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	Plant
<i>Astragalus crassicaarpus var. crassicaarpus</i>	purple ground-plum	Plant
<i>Calamovilfa arcuata</i>	Cumberland sand-reed	Plant
<i>Cardamine angustata</i>	slender toothwort	Plant
<i>Carex latebracteata</i>	Waterfall's sedge	Plant
<i>Carex pensylvanica</i>	Pennsylvania sedge	Plant
<i>Carex stricta</i>	tussock sedge	Plant
<i>Carex timida</i>	timid sedge	Plant
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	Plant
<i>Deschampsia flexuosa</i>	wavy hair grass	Plant
<i>Erythronium mesochoreum</i>	prairie trout-lily	Plant
<i>Euphorbia longicuris</i>	wedge-leaf spurge	Plant
<i>Euphorbia sp. nov.</i>	Ouachita spurge	Plant
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	Plant
<i>Houstonia ouachitana</i>	Ouachita bluet	Plant
<i>Hydrophyllum brownei</i>	Browne's waterleaf	Plant
<i>Ilex longipes</i>	Georgia holly	Plant
<i>Liatris compacta</i>	Ouachita blazing-star	Plant
<i>Lucanus elaphus</i>	giant stag beetle	Animal
<i>Luzula acuminata var. carolinae</i>	Carolina wood-rush	Plant
<i>Lythrurus snelsoni</i>	Ouachita shiner	Animal
<i>Pentacora ouachita</i>	Ouachita shore bug	Animal

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Percina pantherina</i>	leopard darter	Animal
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	Animal
<i>Sanicula smallii</i>	Small's black-snakeroot	Plant
<i>Stachys iltisii</i>	Ouachita hedge-nettle	Plant
<i>Streptanthus squamiformis</i>	Ouachita twistflower	Plant
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	Plant
<i>Valerianella palmeri</i>	Palmer's cornsalad	Plant
<i>Vernonia lettermannii</i>	Letterman's ironweed	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Cossatot River 1 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$645,639.00	\$641,600.00	1/13/1989	Natural and Cultural Resources Council
Cossatot River 2 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$260,756.00	\$250,000.00	1/25/1989	Natural and Cultural Resources Council
Cossatot River 3 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$235,416.02	\$250,000.00	3/22/1989	Natural and Cultural Resources Council
Cossatot River 4 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$254,701.46	\$250,000.00	6/26/1989	Natural and Cultural Resources Council
Cossatot River 5 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$249,147.00	\$250,000.00	11/2/1989	Natural and Cultural Resources Council
Cossatot River 6 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$258,077.00	\$250,000.00	12/21/1989	Natural and Cultural Resources Council
Cossatot River 7 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$251,379.50	\$250,000.00	4/3/1990	Natural and Cultural Resources Council
Cossatot River 8 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$250,129.00	\$250,000.00	6/26/1990	Natural and Cultural Resources Council
Cossatot River 9 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$258,970.00	\$250,000.00	10/24/1990	Natural and Cultural Resources Council

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Cossatot River 10 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$250,040.00	\$250,000.00	1/18/1991	Natural and Cultural Resources Council
Cossatot River 11 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$250,040.00	\$250,000.00	4/18/1991	Natural and Cultural Resources Council
Cossatot River 12 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$250,040.00	\$250,000.00	7/8/1991	Natural and Cultural Resources Council
Cossatot River 13 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$250,040.00	\$250,000.00	9/4/1991	Natural and Cultural Resources Council
Cossatot River 14 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$51,347.50	\$51,175.00	10/28/1991	Natural and Cultural Resources Council
Cossatot River 15 (Weyerhaeuser)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$113,000.00	\$79,000.00	2/22/1993	Natural and Cultural Resources Council
Cossatot River 16 (Brushy Creek)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$336,000.00	\$0.00	1/31/1990	Gift

Cove Creek Natural Area

County Name: Faulkner

Size (in acres): 228

Latitude: 35.2886

Longitude: -92.4842

Description:

Cove Creek Natural Area, located in the Arkansas Valley, contains almost a mile of the course of Cove Creek near its confluence with Cadron Creek. At this point, the meandering stream cuts deeply through a ridge of sandstone, creating a spectacular bluff-lined gorge. A small area of creek bottom forest borders the watercourse at the lower end of the tract. Restoration efforts are underway to restore an extensive complex of sandstone glades and woodlands that covers more than 100 acres on the west side of the creek above the bluffs. A primitive foot-trail provides access to some of the natural area's most interesting features.

Access:

From the junction of State Highway 25 and State Highway 285 in Wooster, travel north on State Highway 285 approximately 6.2 miles to intersection with Mallet Town Road. Turn left (west) onto Mallet Town Road and travel approximately 1.5 miles. Turn right (north) onto Town Circle Road. Go approximately 0.3 mile to JD Road and turn right (east). Follow road straight to parking area at end of road.

Management Plan:

The conservation vision is to protect and maintain the mosaic of aquatic and terrestrial natural communities along Cove Creek and the associated ecological diversity characteristic of the Arkansas Valley. The management plan was updated and approved by the commission on 8/9/2011.

Stewardship Activities:

ANHC staff continued invasive species treatments, plant inventory and water quality monitoring. Staff also maintained the trail, parking area, and entrance sign. The area was monitored for impacts of adjacent gas extraction activities. The Arkansas Forestry Commission assisted with burning of slash piles left following a 64-acre restoration project. A contractor also treated invasive species with a forestry grinder and volunteers assisted with invasive species control.

Date of Last Visit: 6/29/2013

Status:

Ecological restoration reduced invasive plant species, increased native species richness and abundance, and improved open woodland structure. Water quality monitoring found no significant degradation. Inventory work added species to the plant list.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
Central Interior Highlands Dry Acidic Glade and Barrens		Natural Community
<i>Claytonia ozarkensis</i>	Ozark spring-beauty	Plant
<i>Draba aprica</i>	open-ground whitlow-grass	Plant
<i>Drymocallis arguta</i>	tall cinquefoil	Plant
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	Plant
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	Plant
<i>Philadelphus hirsutus</i>	hairy mock orange	Plant
<i>Trifolium carolinianum</i>	Carolina clover	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Cove Creek 1	Fee title	\$74,100.00	\$68,400.00	12/17/1976	State General Improvement Fund

Cow Shoals Riverfront Forest Natural Area

County Name: Cleburne

Size (in acres): 63.27

Latitude: 35.51316

Longitude: -91.93051

Description:

Cow Shoals Riverfront Forest Natural Area, located near the boundary of the Boston Mountains and the Arkansas Valley, lies within the floodplain of the Little Red River. The natural area contains a successional riverfront forest dominated by river birch and American sycamore. The Arkansas Game and Fish Commission (AGFC) holds fee title and co-manages this natural area.

Access:

Travel east from Heber Springs on State Highway 110. Turn left on State Highway 210 and travel northwest 2.3 miles to the natural area.

Management Plan:

The conservation vision is to work in conjunction with the AGFC to protect and maintain a high-quality riverfront forest characteristic of the Little Red River basin. The management plan was updated and approved by the commission on 2/8/2012.

Stewardship Activities:

AGFC continued with daily management of the area and staff from ANHC performed periodic site assessments.

Date of Last Visit: 4/17/2013

Status:

Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex radiata</i>	eastern star sedge	Plant
<i>Isoetes engelmannii</i>	Engelmann's quillwort	Plant
South-Central Interior Large Floodplain		Natural Community

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Cow Shoals 1	Conservation easement (Arkansas Game and Fish Commission holds fee title)	\$60,000.00	\$15,000.00	2/13/1992	Natural and Cultural Resources Council

Cut-off Creek Ravines Natural Area

County Name: Drew

Size (in acres): 377

Latitude: 33.40641

Longitude: -91.56307

Description:

Cut-off Creek Ravines Natural Area, located in the Coastal Plain, contains two ravines that flow generally eastward from uplands to the adjacent bottomlands along Cut-off Creek. The ravines are forested with a pine-oak forest at their heads and a mixed oak and beech forest near their mouths. The bottomland into which the ravines empty is forested with willow oak and water oak on higher sites and overcup oak and bald-cypress on lower sites. This natural area represents a valuable example of a Coastal Plain forest and of the transition from Coastal Plain to Mississippi Alluvial Plain. The natural area falls within the Cut-off Creek Wildlife Management Area and is co-managed with the Arkansas Game and Fish Commission (AGFC).

Access:

From Monticello, travel east 14 miles on State Highway 35 to Collins. From Collins travel south on County Road 51 (Collins-Line Road) for 9.3 miles. Turn left onto a gravel road marked by an Arkansas Game and Fish Commission sign for "Campsite 2." Travel east 1.2 miles to the boat launch ramp.

Management Plan:

The conservation vision is to work in conjunction with the AGFC to protect and maintain the ecological diversity of forest types characteristic of the Coastal Plain and the transition zone to the Mississippi Alluvial Plain. The management plan was updated and approved by the commission on 11/8/2011.

Stewardship Activities:

AGFC continued with daily management of the area and staff from ANHC performed periodic site assessments. Staff from both agencies toured and assessed the area for feasibility of a cooperative water trail project.

Date of Last Visit: 2/6/2013

Status:

Field assessments noted an on-going need for prescribed fire. No other problems were noted. Routing of the water trail was completed.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	Animal
Lowland Pine-Oak Forest		Natural Community

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Cut-off Creek 1	Conservation easement (Arkansas Game and Fish Commission holds fee title)	\$16,036.54	\$16,036.54	7/26/1990	Natural and Cultural Resources Council
Cut-off Creek 2	Conservation easement (Arkansas Game and Fish Commission holds fee title)	\$14,919.99	\$14,919.99	1/9/1991	Natural and Cultural Resources Council
Cut-off Creek 3	Conservation easement (Arkansas Game and Fish Commission holds fee title)	\$44,501.38	\$44,501.38	5/31/1991	ANHC purchased 2 tracts of land that became part of Cut-off Creek WMA. Title to that land went to AGFC; ANHC retained an easement. In exchange, AGFC dedicated conservation easements on Rock Creek, Coffee Prairie, & additional land at Cut-off Creek

Dardanelle Rock Natural Area

County Name: Yell

Size (in acres): 10

Latitude: 35.23778

Longitude: -93.16374

Description:

Dardanelle Rock Natural Area, located in the Arkansas Valley, contains an exposure of Hartshorne sandstone that was folded into a synclinal (concave upward fold) structure when the Ouachita Mountains were formed and then breached through erosion by the Arkansas River to form a water gap. Dardanelle Rock has been a major landmark along the Arkansas River since the days of early Arkansas exploration. Parts of the outcrop are naturally devoid of vegetation; however, some slopes hold enough soil to support a forest of black oak, mockernut hickory, and shortleaf pine.

Access:

The site is located on the east end of Dardanelle Mountain at Dardanelle, Arkansas. To access the area, turn north off State Highway 7 onto Front Street. Proceed 1 mile to the natural area sign.

Management Plan:

The conservation vision is to protect and maintain the scenic and geologic values of this natural and historic landmark located in the Arkansas Valley. The management plan was updated and approved by the commission on 8/7/2012.

Stewardship Activities:

ANHC staff conducted general plant inventories, removed trash, maintained the entrance sign and monitored public use.

Date of Last Visit: 11/17/2012

Status:

Inventory work added species to the plant list. Field assessments noted that litter and graffiti problems continued and that public use remained consistent.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
Geological feature		Other

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Dardanelle Rock 1	Fee title	\$25,000.00	\$25,000.00	10/14/1976	State General Improvement Fund

Devil's Eyebrow Natural Area

County Name: Benton

Size (in acres): 1,375

Latitude: 36.48364

Longitude: -93.92266

Description:

Devil's Eyebrow Natural Area is located at the northern end of Beaver Lake along Indian Creek and its tributaries. The terrain is rugged and steep, consisting of deep, bluff-lined hollows separated by steep ridges. Much of the area is underlain by alternating layers of chert and limestone that include caves and many springs. Plant communities are diverse and include high quality glades, woodlands, bluffs, rich hardwood forests, and riparian forests. Devil's Eyebrow supports one of the highest concentrations of rare plant species in Arkansas with several species typically found far to the north and others that are restricted in distribution and considered globally rare. The Arkansas Game and Fish Commission (AGFC) and the Arkansas Natural Heritage Commission (ANHC) share undivided fee title and co-manage this natural area.

Access:

From the town of Garfield, travel east on US Highway 62 for 4 miles to the community of Gateway. From the junction of Highway 62 and Highway 37 at Gateway, continue east on US Highway 62 for 0.5 miles to the gate on the south side of the highway. This is the entrance to the natural area.

Management Plan:

The conservation vision is to protect and maintain a diverse mosaic of calcareous glades, woodlands, forests, bluffs, spring-fed streams, and caves characteristic of the Dissected Springfield Plateau Ecoregions of the Ozarks. The management plan was updated and approved by the commission on 2/5/2013.

Stewardship Activities:

ANHC held an on-site dedication ceremony, posted the boundaries, led public tours, conducted plant inventories, and worked with AGFC staff to install an access road, parking area and signage.

Date of Last Visit: 6/5/2013

Status:

The plant species list was completed. A parking area improved public access. Field assessments noted the need for erosion control and glade restoration.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Acer saccharum var. nigrum</i>	black maple	Plant
<i>Allium canadense var. lavendulare</i>	tall pink glade onion	Plant
<i>Argyrochosma dealbata</i>	powdery cloak fern	Plant
<i>Carex careyana</i>	Carey's sedge	Plant
<i>Carex davisii</i>	Davis' sedge	Plant
<i>Carex gracilescens</i>	slender wood sedge	Plant
<i>Carex gravida</i>	heavy sedge	Plant
<i>Carex hitchcockiana</i>	Hitchcock's sedge	Plant
<i>Carex sparganioides</i>	bur-reed sedge	Plant
<i>Caulophyllum thalictroides</i>	blue cohosh	Plant
<i>Collinsia verna</i>	blue-eyed Mary	Plant
<i>Delphinium treleasei</i>	Trelease's larkspur	Plant
<i>Elymus glaucus ssp. mackenzii</i>	Mackenzie's blue wild rye	Plant
<i>Gentiana puberulenta</i>	downy gentian	Plant
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	Plant
<i>Prenanthes aspera</i>	prairie rattlesnake-root	Plant
<i>Silene ovata</i>	ovate-leaf catchfly	Plant
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	Plant
<i>Symphotrichum sericeum</i>	silvery aster	Plant
<i>Ulmus thomasii</i>	rock elm	Plant
<i>Valerianella ozarkana</i>	Ozark cornsalad	Plant
<i>Vitis rupestris</i>	sand grape	Plant

Acquisition Summary:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Devil's Eyebrow 1 (Eagles Bluff)	Fee title	\$2,751,375.00	\$2,200,000.00	10/31/2012	Natural and Cultural Resources Council, 1/8 Cent Conservation Tax, Natural Gas Proceeds

Devil's Knob-Devil's Backbone Natural Area

County Name: Izard

Size (in acres): 822.13

Latitude: 36.00592

Longitude: -92.04704

Description:

Located about ten miles southwest of Melbourne in the Ozark Mountains, Devil's Knob-Devil's Backbone Natural Area includes limestone, dolomite, and sandstone glades, woodlands, and bluffs. Local topography includes an uplifted ridge with two knolls joined by a saddle known as Devil's Backbone. Glade and bluffs on the natural area support several rare plant species and the bluffs are home to a number of very old Ashe's juniper trees, the largest measuring 30 inches or more in diameter.

Access:

Travel north on State Highway 9 from Mountain View approximately 15 miles. Turn left on Mt. Olive Access Road and travel 1.3 miles to the natural area sign and small clearing on either side of the road for parking.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity of glades, Ashe's juniper woodlands, post oak woodlands, and upland hardwood forests characteristic of the White River Hills section of the Ozark Mountains. The management plan was updated and approved by the commission on 2/8/2012.

Stewardship Activities:

ANHC staff maintained the boundaries and treated invasive plant species. A contractor installed fire lines and performed plant community monitoring.

Date of Last Visit: 6/13/2013

Status:

Invasive plant species were reduced. Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Argyrochosma dealbata</i>	powdery cloak fern	Plant
<i>Asplenium pinnatifidum</i>	lobed spleenwort	Plant
<i>Brickellia grandiflora</i>	tassel-flower	Plant
<i>Carex planostachys</i>	cedar sedge	Plant
Central Interior Highlands Calcareous Glade and Barrens		Natural Community
Central Interior Highlands Dry Acidic Glade and Barrens		Natural Community
<i>Coreopsis grandiflora var. saxicola</i>	large-flower tickseed	Plant
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	Plant
<i>Penstemon cobaea</i>	showy beardtongue	Plant
<i>Symphotrichum sericeum</i>	silvery aster	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Devil's Knob 1	Fee title	\$94,827.10	\$80,600.00	12/10/1976	State General Improvement Fund
Devil's Knob 2	Fee title	\$20,000.00	\$20,000.00	1/23/2006	Natural and Cultural Resources Council, Land Water Conservation Fund
Devil's Knob 3	Fee title	\$360,000.00	\$356,300.00	3/17/2009	Natural and Cultural Resources Council
Devil's Knob 4	Fee title	\$46,464.00	\$43,560.00	6/9/2010	1/8 Cent Conservation Tax
Devil's Knob 5	Fee title	\$32,000.00	\$30,000.00	8/30/2010	1/8 Cent Conservation Tax

Downs Prairie Natural Area

County Name: Prairie

Size (in acres): 24

Latitude: 34.78142

Longitude: -91.49654

Description:

Downs Prairie Natural Area is one of the few remnants of tallgrass prairie left in the Grand Prairie of eastern Arkansas (Mississippi Alluvial Plain). The natural area contains a diverse assemblage of wildflowers including Indian paintbrush, ashy sunflower, and white wild indigo. The area also supports several plant species that were probably once more common across this part of the state, such as prairie evening-primrose. Downs Prairie supports the largest documented remaining population of prairie mole crickets in the Grand Prairie. Prior to settlement, more than 400,000 acres of tallgrass prairie occurred across the Grand Prairie region. Today, less than one percent of those prairies remain.

Access:

From DeValls Bluff travel approximately 1.5 miles west on U.S. Highway 70.

Management Plan:

The conservation vision is to protect, restore, and maintain the ecological diversity of a tallgrass prairie remnant in the Grand Prairie region of eastern Arkansas. The management plan was updated and approved by the commission on 8/7/2012.

Stewardship Activities:

ANHC staff continued invasive species treatments in the restoration area, installed new entrance signs, and conducted prescribed burns. A contractor performed plant community monitoring. ANHC staff worked with the Commissioner of State Lands Office and the Department of Finance and Administration to open bids for haying but no bids were received.

Date of Last Visit: 6/26/2013

Status:

Field assessments noted an increase in native vegetation in the restoration area. Invasive plant species were reduced.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Asclepias obovata</i>	savannah milkweed	Plant
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex opaca</i>	opaque prairie sedge	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Gryllotalpa major</i>	prairie mole cricket	Animal
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	Plant
Lower Mississippi Alluvial Plain Grand Prairie		Natural Community
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening-primrose	Plant
<i>Solidago speciosa var. rigidiuscula</i>	narrow-leaf showy goldenrod	Plant
<i>Solidago tortifolia</i>	twist-leaf goldenrod	Plant
<i>Tetraopes quinque maculatus</i>	a red milkweed beetle	Animal

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Downs 1	Fee title	\$37,560.00	\$0.00	12/31/2000	Gift

Falcon Bottoms Natural Area

County Name: Columbia, Lafayette, Nevada **Size (in acres):** 3,210.815 **Latitude:** 33.44522

Longitude: -93.36312

Description:

Falcon Bottoms Natural Area is an excellent example of the narrow, but highly diverse, natural communities that occur along small-to-medium sized streams of the Coastal Plain. Bayou Dorcheat, which flows through the natural area, is considered to be one of the most intact and important Arkansas streams west of the Ouachita River. The relatively unaltered landscape of the bottomlands and associated rare species and plant communities found along Bayou Dorcheat contribute to the site's overall high quality. Most of the natural area is occupied by a bottomland forest community dominated by willow oak and overcup oak in the seasonally flooded areas and bald cypress in the wetter areas. High knolls and terraces support a lowland pine-oak forest community. The U.S. Fish and Wildlife Service (USFWS) holds a conservation easement on the area as a result of a North American Wetlands Council Act (NAWCA) grant.

Access:

From Interstate 30 in Prescott, take U.S. Highway 371 south to State Highway 53. Take State Highway 53 south to Falcon. At Falcon turn east on State Highway 355 and travel approximately 3 miles to Dorcheat Bayou. The natural area lies to the north and south of the bridge crossing along the Bayou.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity of Bayou Dorcheat, a high-quality Coastal Plain stream, and its associated natural communities. The management plan was updated and approved by the commission on 10/30/2012.

Stewardship Activities:

The local caretaker maintained the boundary lines, blocked unauthorized vehicle access, and removed 5 beaver and 6 feral hogs. Staff maintained the parking lots, and removed trash.

Date of Last Visit: 6/24/2013

Status:

Invasive animal species continue to be reduced. Field assessments noted the need for ecological thinning.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Colonial nesting site, water birds</i>		Other
Cypress-Tupelo Swamp		Natural Community
<i>Ditrysinia fruticosa</i>	Sebastian-bush	Plant
<i>Eurycea quadridigitata</i>	dwarf salamander	Animal
<i>Hexalectris spicata</i> var. <i>spicata</i>	crested-coralroot	Plant
<i>Hypoxis curtissii</i>	Curtiss' star-grass	Plant
<i>Platanthera flava</i>	rein orchid	Plant
Willow Oak Forest		Natural Community

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Falcon 1 (Crone)	Fee title	\$154,465.60	\$80,000.00	11/19/1991	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant
Falcon 2 (Crone)	Fee title	\$134,900.00	\$80,000.00	11/19/1991	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant
Falcon 3 (Georgia-Pacific)	Fee title	\$96,800.00	\$94,145.45	9/14/1992	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant
Falcon 4 (English)	Fee title	\$30,500.00	\$24,300.00	11/23/1992	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant
Falcon 5 (Deltic)	Fee title	\$124,135.00	\$124,000.00	9/20/1993	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Falcon 6 (International Paper Co.)	Fee title	\$302,700.00	\$302,700.00	9/20/1993	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant
Falcon 7 (Sullivan)	Fee title	\$46,000.00	\$40,000.00	5/16/2000	Natural and Cultural Resources Council
Falcon 8 (Alexander)	Fee title	\$105,850.00	\$105,850.00	9/6/2001	Natural and Cultural Resources Council
Falcon 9 (Bradley)	Fee title	\$76,580.82	\$75,000.00	9/5/2001	Natural and Cultural Resources Council
Falcon 10 (McDougal)	Fee title	\$116,000.00	\$106,000.00	9/6/2001	Natural and Cultural Resources Council
Falcon 11 (International Paper Co.)	Fee title	\$308,000.00	\$308,000.00	9/24/2001	Natural and Cultural Resources Council, Willamette Settlement Fund
Falcon 12 (International Paper Co.)	Fee title	\$150,000.00	\$150,000.00	7/3/2002	Willamette Settlement Fund
Falcon 13 (Anthony Forest Products)	Fee title	\$495,000.00	\$494,000.00	7/5/2002	Willamette Settlement Fund, Federal Fund Balances, and U.S. Fish and Wildlife Service Grant
Falcon 14 (LTB)	Fee title	\$123,000.00	\$123,000.00	9/4/2003	Willamette Settlement Fund, U.S. Fish and Wildlife Service Grant
Falcon 15 (Plum Creek)	Fee title	\$210,000.00	\$210,000.00	6/20/2005	Natural and Cultural Resources Council, Willamette Settlement Fund
Falcon 16 (LA Minerals)	Fee title	\$157,000.00	\$157,000.00	7/28/2005	Willamette Settlement Fund
Falcon 17 (Rives)	Fee title	\$40,000.00	\$40,000.00	7/28/2005	Willamette Settlement Fund
Falcon 18 (Speer)	Conservation easement (private landowner holds fee title)	\$109,600.00	\$109,600.00	4/26/2006	Willamette Settlement Fund
Falcon 19 (IP)	Fee title	\$270,000.00	\$270,000.00	10/23/2006	Willamette Settlement Fund, Natural and Cultural Resources Council
Falcon 20 (Deltic)	Fee title	\$260,000.00	\$257,800.00	7/3/2007	Willamette Settlement Fund, Natural and Cultural Resources Council
Falcon 21 (Anthony)	Fee title	\$53,000.00	\$52,292.64	12/19/2008	Natural and Cultural Resources Council
Falcon 22 (Plum Creek)	Fee title	\$211,000.00	\$203,775.00	6/17/2009	Natural and Cultural Resources Council
Falcon 23 (Deltic)	Fee title	\$179,000.00	\$178,240.00	7/31/2009	Natural and Cultural Resources Council
Falcon 24 (Crone)	Fee title	\$121,000.00	\$112,100.00	11/26/2009	Natural and Cultural Resources Council

Fernwood Seep Natural Area

County Name: Polk **Size (in acres):** 9.59 **Latitude:** 34.34962 **Longitude:** -94.3881

Description:

Fernwood Seep Natural Area consists of a complex of Ouachita Mountain wooded acid seeps, with a spring-fed stream and upland pine-oak-hickory forests. Wooded acid seeps are an uncommon natural community and support rare species. There are few protected examples in the southeastern Ouachita Mountains and this site is the only example protected by the Arkansas Natural Heritage Commission (ANHC).

Access:

From Wickes travel north on U.S. Highway 71 approximately 3 miles to County Road 14. Turn left (west) on County Road 14 and travel 1 mile. The natural area is north of the road.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity associated with a Ouachita Mountain wooded acid seep, spring fed stream, and upland shortleaf pine-hardwood forest. The management plan was updated and approved by the commission on 11/8/2011.

Stewardship Activities:

ANHC staff maintained the boundaries, removed trash, and installed a new entrance sign.

Date of Last Visit: 1/8/2013

Status:

Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Cardamine angustata</i>	slender toothwort	Plant
<i>Carex latebracteata</i>	Waterfall's sedge	Plant
<i>Carex stricta</i>	tussock sedge	Plant
<i>Hemidactylium scutatum</i>	four-toed salamander	Animal

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Fernwood 1	Fee title	\$8,700.00	\$0.00	10/7/2002	Gift

Foushee Cave Natural Area

County Name: Independence **Size (in acres):** 2,725.73 **Latitude:** 35.726902 **Longitude:** -91.788434

Description:

Foushee Cave Natural area, located where the Boston Mountains meet the Springfield Plateau of the Ozarks in Independence County, includes one of the most biologically significant caves in Arkansas. Its rich biodiversity, including seven cave species tracked by Arkansas Natural Heritage Commission (ANHC), make protecting this site a high priority. Gray bats and Indiana bats, both federally endangered species, are known from the site, and the Foushee Cave snail occurs only in this cave system. The natural area contains a diversity of geology and landforms that support pine, pine-hardwood, and hardwood forests and woodlands along the full gradient of slopes and aspects. Deep forested ravines along perennial streams provide excellent foraging habitat for endangered bats.

Access:

From the community of Locust Grove, travel southwest on State Highway 14/25 for 0.4 miles. Turn right onto State Highway 14 and travel 2.8 miles. The natural area is on the south side of the road.

Management Plan:

The conservation vision is to protect and maintain Foushee Cave, its direct recharge zone, and the associated forest communities that represent the White River Hills region of the Ozark Mountains. Federally endangered bats are supported at the site. The management plan is in the process of being written for Fiscal Year 2013.

Stewardship Activities:

ANHC staff maintained the boundaries, installed a cave closure sign, and toured the area with Arkansas Highway and Transportation Department staff to assess suitability for a potential mitigation site for streamside restoration. Staff from ANHC, Arkansas Game and Fish Commission, and The Nature Conservancy conducted cave inventories and monitored for White Nose Syndrome in the resident bat population.

Date of Last Visit: 6/14/2013

Status:

Cave surveys showed that the cave snail population is stable and there was no sign of white-nose syndrome in the bat population. Inventory work added species to the plant list. One new tracked animal was documented for the area.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Amnicola cora</i>	Foushee cavesnail	Animal
<i>Caecidotea ancyla</i>	an isopod	Animal
<i>Eurycea spelaea</i>	grotto salamander	Animal
Geologic feature		Other
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	Plant
<i>Lirceus bicuspidatus</i>	an isopod	Animal
<i>Myotis grisescens</i>	gray myotis	Animal
<i>Myotis lucifugus</i>	little brown bat	Animal
<i>Myotis sodalis</i>	Indiana bat	Animal
<i>Xolotrema occidentale</i>	Arkansas wedge	Animal

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Foushee 1	Fee title	\$1,725,000.00	\$1,725,000.00	9/6/2011	Natural and Cultural Resources Council, State General Improvement Fund, Natural Gas Proceeds
Foushee 2	Fee title	\$1,055,000.00	\$1,055,000.00	6/1/2012	Natural and Cultural Resources Council, 1/8 Cent Conservation Tax, Natural Gas Proceeds, U.S. Fish and Wildlife Service Grant

Gap Creek Natural Area

County Name: Montgomery

Size (in acres): 10.07

Latitude: 34.39285

Longitude: -93.58681

Description:

Gap Creek is a small upland tributary of the Caddo River located in the Ouachita Mountains. The creek is spring fed and runs year-round. The natural area is surrounded by the Ouachita National Forest. These lands have not been significantly altered in more than half a century, a factor that contributes to the high water quality of Gap Creek. Plant communities within the natural area include upland pine-hardwood forest and riparian forest along Gap Creek. Fee title is held by a private landowner.

Access:

From Glenwood, travel north on State Highway 8 for approximately 5 miles to unpaved road on the right. Turn right and travel approximately 0.5 mile to the second fork in the road. Bear right and travel 0.8 mile to the natural area sign. Access to this area is by permission of private landowner.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity and quality of natural communities within Gap Creek and along its terraces, and the diversity characteristic of a Ouachita Mountain upland forest that comprises its watershed. The management plan was updated and approved by the commission on 8/3/2010.

Stewardship Activities:

ANHC staff maintained the entrance sign and the boundaries.

Date of Last Visit: 8/24/2012

Status:

Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	Plant
<i>Etheostoma pallidiorsum</i>	paleback darter	Animal
<i>Houstonia ouachitana</i>	Ouachita bluet	Plant
Upland Headwater Stream-Ouachita Mountains		Natural Community

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Gap Creek 1	Conservation easement (private landowner holds fee title)	\$0.00	\$0.00	7/20/1981	Gift

Garrett Hollow Natural Area

County Name: Washington

Size (in acres): 747.008

Latitude: 35.78526

Longitude: -94.411

Description:

Garrett Hollow Natural Area is located at the northern edge of the Boston Mountains near the boundary of the Ozark Highlands. The natural area is marked by rugged topography and consists of diverse hardwood forests and sandstone glades. Like much of the Ozarks, this natural area contains a number of karst features where fractured bedrock allows water to drain into crevices and solution tubes, creating small caves and subterranean streams. Caves and crevices within the natural area provide critical habitat for the federally endangered Ozark big-eared bat.

Access:

From Van Buren take State Highway 59 for 16 miles to Natural Dam. Turn right on Liberty Hill Road. Go 8.3 miles until the road forks. Take the road to the right (Antioch Road) to the natural area entrance sign.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity of Ozark woodland, forest, and karst communities in Northwest Arkansas that support a population of the federally endangered Ozark big-eared bat. The management plan was updated and approved by the commission on 10/30/2012.

Stewardship Activities:

ANHC staff maintained the boundaries and entrance signs, installed a cave closure sign, and monitored the bat population.

Date of Last Visit: 6/4/2013

Status:

Field observations noted no evidence of white-nose syndrome in the bat populations, and a greater number of Ozark big-eared bats.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	Animal
<i>Eurycea spelaea</i>	grotto salamander	Animal
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	Animal

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Garrett Hollow 1	Fee title	\$400,000.00	\$300,000.00	4/6/2004	Natural and Cultural Resources Council, Land Water Conservation Fund
Garrett Hollow 2	Fee title	\$257,300.00	\$255,223.00	11/4/2008	U.S. Fish and Wildlife Service Grant

Goose Pond Natural Area

County Name: Pope, Conway **Size (in acres):** 391.89 **Latitude:** 35.26234 **Longitude:** -92.85391

Description:

Goose Pond Natural Area, located in the Arkansas Valley, is a mosaic of open water and vegetated wetlands. Plant communities within the natural area include young water tupelo-bald cypress swamps, shrub swamps, American lotus-water lily marshes, and submerged beds of coontail. Many species of migratory waterfowl visit Goose Pond in the winter months, while a variety of other birds are present year round. The bird-voiced treefrog, a species of very limited distribution west of the Mississippi River, occurs here as well. Goose Pond Natural Area lies within the Ed Gordon/Point Remove Wildlife Management Area and is co-managed with the Arkansas Game and Fish Commission (AGFC).

Access:

From Atkins, travel east on U.S. Highway 64 3.8 miles to Talley Lane. Turn left and travel north 1.3 miles to Happy Bend Road. Turn right and go east 1 mile to gravel road. Turn left at natural area sign and follow gravel road to parking area.

Management Plan:

The conservation vision is to work in conjunction with the AGFC to protect and maintain a mosaic of plant communities in a bald-cypress dominated back-swamp of the Point Remove Creek floodplain in the Arkansas Valley. The management plan was updated and approved by the commission on 11/8/2011.

Stewardship Activities:

AGFC staff conducted day-to-day management activities. ANHC staff conducted plant inventory and removed trash.

Date of Last Visit: 5/21/2013

Status:

AGFC staff on-site reported no problems. Inventory work added species to the plant list.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Hyla avivoca</i>	bird-voiced treefrog	Animal

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Goose Pond 1	Conservation easement (Arkansas Game and Fish Commission holds fee title)	\$196,500.00	\$200,000.00	2/19/1981	State General Improvement Fund

H. E. Flanagan Prairie Natural Area

County Name: Franklin

Size (in acres): 340.18

Latitude: 35.3591

Longitude: -93.99756

Description:

H.E. Flanagan Prairie Natural Area is an excellent example of the tallgrass prairie that once occurred across this part of the Arkansas Valley. Along with prairie grasses, the natural area hosts a wide variety of forbs. H.E. Flanagan Prairie, along with the nearby Cherokee Prairie Natural Area, are among the few remaining remnants of the more extensive Cherokee Prairie Complex that formerly occupied approximately 135,000 acres of the western portion of the Arkansas Valley. Prairies in this complex are different from prairies elsewhere in Arkansas as their soils are derived from shale. An oak savanna/woodland complex at the eastern edge of the area is currently being restored.

Access:

From the intersection of State Highways 60 and 217, just north of Charleston, go east 2.2 miles and turn left (north) onto Grand Prairie Road, go 1.5 miles and the parking area is on the left.

Management Plan:

The conservation vision is to protect, restore, and maintain the mosaic of plant communities and associated ecological diversity characteristic of tallgrass prairies of the western Arkansas Valley. The management plan was updated and approved by the commission on 8/3/2010.

Stewardship Activities:

ANHC staff maintained the boundaries, fences, and parking area. Staff also initiated a restoration project to control invasive species and woody vegetation. A contractor conducted a prescribed burn on 80 acres. ANHC staff worked with the Commissioner of State Lands Office and the Department of Finance and Administration to solicit bids for haying which resulted in the removal of 343 round bales of hay.

Date of Last Visit: 6/24/2013

Status:

Management activities reduced encroaching woody vegetation and invasive plant species. One new tracked plant was documented for the area.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Ammodramus henslowii</i>	Henslow's Sparrow	Animal
<i>Antennaria neglecta</i>	field pussytoes	Plant
Arkansas Valley Prairie and Woodland		Natural Community
<i>Asio flammeus</i>	Short-eared Owl	Animal
<i>Atrytone arogos</i>	Arogos Skipper	Animal
<i>Callophrys irus hadros</i>	Frosted Elfin	Animal
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex opaca</i>	opaque prairie sedge	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Gryllotalpa major</i>	prairie mole cricket	Animal
<i>Helianthus pauciflorus ssp. pauciflorus</i>	prairie sunflower	Plant
<i>Koeleria macrantha</i>	prairie June grass	Plant
<i>Laphria vorax</i>	a robberfly	Animal
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	Plant
<i>Nicrophorus americanus</i>	American burying beetle	Animal
<i>Polygala incarnata</i>	pink milkwort	Plant
<i>Rhynchospora macrostachya</i>	prairie horned beaksedge	Plant
<i>Terrapene ornata ornata</i>	ornate box turtle	Animal
<i>Tetraopes quinque maculatus</i>	a red milkweed beetle	Animal
<i>Tetraopes texanus</i>	a red milkweed beetle	Animal

Acquisition Summary:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Flanagan 1 (Bumpers)	Fee title	\$120,000.00	\$110,000.00	7/12/1988	Natural and Cultural Resources Council
Flanagan 2 (Sullivan)	Fee title	\$50,000.00	\$50,000.00	12/20/1991	Natural and Cultural Resources Council
Flanagan 3 (Hudson)	Fee title	\$126,871.00	\$126,871.00	8/3/2010	1/8 Cent Conservation Tax

Hall Creek Barrens Natural Area

County Name: Cleveland

Size (in acres): 647.3

Latitude: 33.81759

Longitude: -92.19725

Description:

Hall Creek Barrens Natural Area, located in the Coastal Plain, consists of a mosaic of salt slicks, saline barrens, mound woodlands, pine-hardwood flatwoods, Delta post oak flatwoods, and bottomland hardwood forest communities. Soils at the site, containing naturally high amounts of sodium and magnesium salts, account for the sparse and irregular distribution of trees and the resultant dominance of grasses and other herbaceous vegetation in the barrens and associated woodlands. Stands of dwarf palmetto are distributed irregularly and lend a tropical aspect to the natural area. The unique soils and sparse tree cover over portions of the natural area create ideal habitat for a number of rare herbaceous plant species including the federally threatened species *Geocarpon minimum*.

Access:

From Kingsland travel 6.4 miles south on Arkansas State Highway 189. Turn left on Mt. Elba Road. Travel northeast for 1.2 miles. Turn right (east) onto Hall Creek Deer Camp Road. Travel 0.3 mile to the natural area.

Management Plan:

The conservation vision is to protect, restore, and maintain the ecological diversity of Coastal Plain plant communities including loblolly pine-oak woodlands, wet hardwood flatwoods, saline barrens, and the federally threatened plant geocarpon. The management plan was approved by the commission on 5/10/2011.

Stewardship Activities:

ANHC staff mapped and treated invasive species and met with contractor to inspect the final cutting of a reserved timber deed. Staff also conducted geocarpon surveys and plant inventory.

Date of Last Visit: 4/9/2013

Status:

Invasive plant species were reduced. Inventory work added species to the plant list and noted increased feral hog damage.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Ammodramus henslowii</i>	Henslow's Sparrow	Animal
<i>Anthenantia texana</i>	Kral's silkyscale	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Geocarpon minimum</i>	geocarpon	Plant
<i>Krigia occidentalis</i>	western dwarf-dandelion	Plant
<i>Minuartia drummondii</i>	Drummond's sandwort	Plant
<i>Prenanthes barbata</i>	barbed rattlesnake-root	Plant
<i>Schoenolirion wrightii</i>	Texas sunnybell	Plant
South Central Saline Glade		Natural Community
<i>Symphotrichum pratense</i>	barrens silky aster	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Hall Creek 1	Fee title	\$1,117,000.00	\$1,090,288.20	7/30/2010	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant

Hell Creek Natural Area

County Name: Stone

Size (in acres): 211.3782

Latitude: 35.90699

Longitude: -92.07728

Description:

Located at the boundary of the Springfield and Salem Plateaus of the Ozark Mountains, Hell Creek Natural Area supports populations of the Hell Creek Cave crayfish and the gray myotis, both federally endangered species. Most of Hell Creek Cave is wet year-round, with many of its passages flooded during periods of high rainfall. Hell Creek Cave is considered an example of a "solution channel" or "tunnel cave." Hell Creek, which flows through the cave, is spring fed and eventually empties into the White River. Hills above the cave support a diverse oak-hickory forest.

Access:

From Mountain View (junction of State Highways 9 and 66) go east 0.6 mile on State Highway 9 to its junction with State Highway 14. Turn left (north) on State Highway 9 and go 1.3 miles to Herpel Road. Go about 4.9 miles (bearing left at 4.0 and 4.6 miles) and turn left. At Mountain View water tank, turn right and follow to natural area sign. Caution: public access may be restricted from time to time by a neighboring landowner's locked gate.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity of karst and aquatic communities, including federally endangered species, and the associated Ozark woodland and forest communities in the cave's recharge area. The management plan was updated and approved by the commission on 2/8/2011.

Stewardship Activities:

ANHC staff cleared the access road, monitored and repaired the cave gate, and installed a cave closure sign. Staff also maintained the boundaries and entrance sign. Staff from ANHC, Arkansas Game and Fish Commission, United States Fish and Wildlife Service, and The Nature Conservancy conducted a biological inventory of the cave.

Date of Last Visit: 6/13/2013

Status:

Cave surveys showed that the cave crayfish population is stable and there was no evidence of white-nose syndrome in the bat population. One new tracked animal was documented for the area.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Brickellia grandiflora</i>	tassel-flower	Plant
<i>Cambarus zophonastes</i>	Hell Creek Cave crayfish	Animal
<i>Eurycea spelaea</i>	grotto salamander	Animal
<i>Juglans cinerea</i>	butternut	Plant
<i>Lirceus bicuspidatus</i>	an isopod	Animal
<i>Myotis grisescens</i>	gray myotis	Animal
<i>Myotis leibii</i>	eastern small-footed bat	Animal

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Hell Creek 1 (The Nature Conservancy)	Fee title	\$44,000.00	\$30,891.30	6/8/1985	State General Improvement Fund
Hell Creek 2 (Dawson)	Fee title	\$10,000.00	\$8,000.06	6/8/1988	State General Improvement Fund, Federal Fund Balances
Hell Creek 3 (Dawson Family Trust)	Fee title	\$5,000.00	\$4,500.00	10/5/1989	Federal Fund Balances

Holland Bottoms Willow Oak Forest Preserve

County Name: Lonoke

Size (in acres): 632.3

Latitude: 34.89646

Longitude: -92.06933

Description:

Holland Bottoms Willow Oak Forest Preserve is located in the Mississippi Alluvial Plain. Jacks Bayou, a tributary of Bayou Two Prairie, bisects the natural area. Extensive hardwood flatwoods dominated by mature stands of willow oak characterize the natural area, with more diverse bottomland hardwood forests occupying lower sites adjacent to streams. Only 18 percent of the bottomland hardwood forests that occurred across the Lower Mississippi Valley currently remain. The natural area falls within the Holland Bottoms Wildlife Management Area and is co-managed with the Arkansas Game and Fish Commission (AGFC).

Access:

Travel north on U.S. Highway 67 from Little Rock. Take exit 16A and turn right at red light onto access road. Travel 2.4 miles and turn left on East Coffett Road. Travel 0.2 mile and turn right on Holland Bottoms Road. Travel 0.7 mile and turn right on gravel road at Pickthorne Reservoir. Stay right through gate. Travel 1.1 miles to Wildlife Management Area campground parking area. Proceed on foot south into natural area.

Management Plan:

The conservation vision is to work in conjunction with the AGFC to protect and maintain willow oak flatwoods and bottomland hardwood forests characteristic of the Mississippi Alluvial Plain. The management plan was updated and approved by the commission on 11/9/2010.

Stewardship Activities:

AGFC staff conducted day-to-day management activities. ANHC staff maintained the boundaries and removed trash.

Date of Last Visit: 3/15/2013

Status:

Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	Animal
Lower Mississippi River Flatwoods		Natural Community
<i>Spiranthes praecox</i>	giant ladies'-tresses	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Holland 1	Conservation easement (Arkansas Game and Fish Commission holds fee title)	\$0.00	\$0.00	1/20/1986	Gift

Holloway Memorial Natural Area

County Name: Prairie

Size (in acres): 75

Latitude: 35.07016

Longitude: -91.5399

Description:

Holloway Memorial Natural Area is representative of the once extensive hardwood flatwoods that occurred along terraces of the Grand Prairie of eastern Arkansas (Mississippi Alluvial Plain). These flatwoods forests typically varied with the topography and underlying soils, and included both bottomland and upland hardwood tree species. Prairie mounds are also scattered throughout the area, suggesting that it was once prairie thousands of years ago. Fee title is held by Prairie County.

Access:

From State Highway 38 in Des Arc, travel north 6.8 miles on State Highway 11. Turn right on Allred Drive and go north 0.6 mile. The parking area is on the left side.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity of a hardwood flatwoods community characteristic of the Grand Prairie terraces of the Mississippi Alluvial Plain of eastern Arkansas. The management plan was updated and approved by the commission on 10/30/2012.

Stewardship Activities:

ANHC staff maintained the trail, removed trash and conducted a prescribed burn on 35 acres.

Date of Last Visit: 2/8/2013

Status:

Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Holloway 1	Conservation easement (Prairie County holds fee title)	\$0.00	\$0.00	1/27/1978	Gift

Iron Mountain Natural Area

County Name: Polk

Size (in acres): 260.51

Latitude: 34.52942

Longitude: -94.33754

Description:

Iron Mountain Natural Area is located within the Athens Plateau subdivision of the Ouachita Mountains. The area is bisected by Paul Branch, a small, intermittent stream which defines the valley between the northern and southern ridges. The natural area preserves a typical example of the upland pine-oak-hickory forests of the Ouachita Mountains and provides protected habitat for the southern red-backed salamander, a regional endemic.

Access:

From Mena, travel approximately 7.1 miles southwest on U.S. Highway 71 through and beyond Potter Junction. Turn right on County Road 168 and travel 0.2 mile to fork. Turn right on County Road 169 and travel 0.3 mile to parking area on right. For additional parking, continue 0.1 mile on County Road 169, continue traveling west on a two track for 0.2 mile (keeping to the right as road splits) to the overflow parking area.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity of a Ouachita Mountain upland shortleaf pine-hardwood forest, an associated intermittent stream, and its riparian watershed. The management plan was updated and approved by the commission on 10/30/2012.

Stewardship Activities:

ANHC staff continued treatment of invasive species and maintained the entrance sign and parking areas. Staff also re-opened a section of trail.

Date of Last Visit: 6/25/2013

Status:

Invasive plant species continued to be reduced. Field assessments noted unauthorized vehicle use on the area.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Acer saccharum var. leucoderme</i>	chalk maple	Plant
<i>Cardamine angustata</i>	slender toothwort	Plant
<i>Carex latebracteata</i>	Waterfall's sedge	Plant
<i>Plethodon serratus</i>	southern red-backed salamander	Animal

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Iron Mountain 1	Fee title	\$64,000.00	\$48,000.00	7/26/1979	State General Improvement Fund, Land and Water Conservation Fund
Iron Mountain 2	Fee title	\$88,000.00	\$88,000.00	6/18/2003	Natural and Cultural Resources Council, 1/8 Cent Conservation Tax

Kings River Falls Natural Area

County Name: Madison

Size (in acres): 1,059.386

Latitude: 35.8945

Longitude: -93.58484

Description:

Kings River Falls Natural Area is located at the interface of the Springfield Plateau and Boston Mountains subdivisions of the Ozarks. The natural area includes more than 3 miles of the Kings River with Kings River Falls being a focal point. Kings River is a clear mountain stream originating east of Boston in Madison County. The river flows for about 50 miles through Madison and Carroll Counties, eventually merging with Osage Creek before it flows into Table Rock Reservoir. A mixed hardwood forest covers the slopes and ridges of the natural area, with scattered pockets of shortleaf pine. Steep rocky slopes, sandstone bluffs, and rocky banks characterize the corridor along the river. A diverse and colorful shrub community borders the stream.

Access:

From the community of Boston on State Highway 16 (between Fallsville and St. Paul), go north on County Road 3175 (dirt) for 2.1 miles; bear right as the road forks onto County Road 3415. Stay on this road for 2.3 miles until you come to a "T" intersection with County Road 3500. Turn left, and go across the creek and park at natural area sign.

Management Plan:

The conservation vision is to protect a local natural landmark of scenic and historical interest and to protect and maintain the ecological diversity of the full complement of natural communities within a portion of the upper Kings River watershed. The management plan was updated and approved by the commission on 4/30/2012.

Stewardship Activities:

ANHC staff maintained the boundaries and trail, removed trash, and planted trees. Staff also worked with Arkansas Game and Fish Commission to complete the streambank stabilization project and began working with Madison County staff to repair the parking area.

Date of Last Visit: 6/13/2013

Status:

The degraded areas of Mitchell Branch and Kings River have been repaired. Coordination and design of road work and parking lot repair was initiated. Inventory work added species to the plant list.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	Plant
<i>Hieracium scabrum</i>	rough hawkweed	Plant
<i>Orconectes williamsi</i>	Williams crayfish	Animal
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Kings River 1 (Coger)	Fee title	\$9,000.00	\$8,000.00	5/25/1979	State General Improvement Fund, Land and Water Conservation Fund
Kings River 2 (Ewing)	Fee title	\$232,000.00	\$190,000.00	8/19/1996	Natural and Cultural Resources Council
Kings River 3 (Maggard)	Fee title	\$61,397.12	\$55,000.00	12/10/1996	Natural and Cultural Resources Council
Kings River 4 (Maggard/Johnson)	Fee title	\$156,079.00	\$156,079.00	4/3/2008	Natural and Cultural Resources Council
Kings River 5 (BVF)	Fee title	\$66,600.00	\$0.00	6/27/2008	Gift
Kings River 6 (Eaton)	Fee title	\$279,000.70	\$279,000.00	3/8/2010	1/8 Cent Conservation Tax
Kings River 7 (Bennett)	Fee title	\$54,306.75	\$54,307.75	4/9/2010	1/8 Cent Conservation Tax
Kings River 8 (Throneberry)	Fee title	\$146,523.00	\$146,523.70	5/3/2010	1/8 Cent Conservation Tax
Kings River 9 (Johnson)	Fee title	\$203,601.60	\$203,601.60	5/31/2012	1/8 Cent Conservation Tax

Kingsland Prairie Natural Area

County Name: Cleveland

Size (in acres): 399.19

Latitude: 33.8636

Longitude: -92.252

Description:

Kingsland Prairie Natural Area, located in the Coastal Plain, consists of a mosaic of salt slicks, saline barrens, mound woodlands, pine savanna, and bottomland hardwood forest communities. Soils at the site, containing naturally high amounts of sodium and magnesium salts, account for the sparse and irregular distribution of trees and the resultant dominance of grasses and other herbaceous vegetation in the barrens and associated woodlands. The unique soils and sparse tree cover create ideal habitat for a number of rare herbaceous plant species including the federally threatened species *Geocarpon minimum*. Numerous shallow, seasonally-wet depressions in the barrens also provide for a rich diversity of plant species. The Nature Conservancy (TNC) owns property contiguous with the natural area.

Access:

From Kingsland, travel northeast approximately 2.6 miles on State Highway 79. Turn right (southeast) onto Prairie Road and travel 1.2 miles to the "Y" in the road. Park along roadside.

Management Plan:

The conservation vision is to protect, restore, and maintain the ecological diversity of Coastal Plain plant communities including flatwoods and woodlands, mound woodlands, saline barrens, and the federally threatened plant *geocarpon*. The management plan was updated and approved by the commission on 2/5/2013.

Stewardship Activities:

ANHC staff maintained the boundaries, surveyed for *geocarpon*, and inventoried other plant species. A contractor developed a burn plan and installed fire lines.

Date of Last Visit: 6/28/2013

Status:

Inventory work added species to the plant list and documented additional locations of *geocarpon*. Field assessments noted feral hog damage on a portion of the area.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Alophia drummondii</i>	pinewoods-lily	Plant
<i>Ammodramus henslowii</i>	Henslow's Sparrow	Animal
<i>Anthenantia texana</i>	Kral's silkyscale	Plant
<i>Crocanthemum rosmarinifolium</i>	rosemary rock-rose	Plant
<i>Geocarpon minimum</i>	<i>geocarpon</i>	Plant
<i>Iva angustifolia</i>	slender marsh-elder	Plant
<i>Krigia occidentalis</i>	western dwarf-dandelion	Plant
<i>Schoenolirion wrightii</i>	Texas sunnycbell	Plant
South Central Saline Glade		Natural Community
<i>Spiranthes praecox</i>	giant ladies'-tresses	Plant
<i>Symphotrichum pratense</i>	barrens silky aster	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Kingsland 1 (The Nature Conservancy)	Fee title	\$165,000.00	\$165,000.00	6/17/2009	Natural and Cultural Resources Council, Land and Water Conservation Fund
Kingsland 2 (AR Pulpwood)	Fee title	\$179,000.00	\$178,809.27	7/1/2010	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant

Konecny Grove Natural Area

County Name: Prairie

Size (in acres): 22.17

Latitude: 34.63496

Longitude: -91.59229

Description:

Konecny Grove Natural Area is one of the few remaining examples of prairie slash woodland that once occurred across certain parts of the Grand Prairie of eastern Arkansas (Mississippi Alluvial Plain). Slash woodlands represent a transitional habitat from prairie to bottomland hardwood forest. Today, less than three percent of this habitat type remains in the Grand Prairie. Sugarberry, green ash, green hawthorn, and elm trees dominate the area. A four-acre seasonal herbaceous wetland exists in the northern portion. The natural area protects the only known population of the rare Stern's medlar. Fee title is held by a private landowner.

Access:

From Hazen, travel south on U.S. Highway 63 (old State Highway 11) for 10 miles to its junction with State Highway 86. Turn Right on State Highway 86 and travel for 1.2 miles. At a sharp curve in the road turn onto a gravel road that goes straight and go for 0.9 mile. Turn left on a dirt road and go 0.4 mile to the grove.

Management Plan:

The conservation vision is to protect, restore, and maintain the ecological diversity of the best remaining remnant of a prairie slash community in the Grand Prairie region of eastern Arkansas. The management plan was updated and approved by the commission on 10/30/2012.

Stewardship Activities:

ANHC staff continued to treat invasive species and conducted a prescribed burn on 22 acres.

Date of Last Visit: 4/29/2013

Status:

Invasive plant species continued to be reduced. Field assessments noted no other problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex opaca</i>	opaque prairie sedge	Plant
<i>Crataegus x canescens</i>	Stern's medlar	Plant
<i>Empidonax traillii</i>	Willow Flycatcher	Animal
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Konecny Grove 1	Conservation easement (private landowner holds fee title)	\$22,170.00	\$17,736.00	2/15/1976	State General Improvement Fund

Konecny Prairie Natural Area

County Name: Prairie

Size (in acres): 70.69

Latitude: 34.62665

Longitude: -91.58035

Description:

Konecny Prairie Natural Area is the largest block of high-quality tallgrass prairie left in the Grand Prairie of eastern Arkansas (Mississippi Alluvial Plain). Konecny Prairie is dominated by big bluestem, little bluestem, switchgrass, and Indian grass. Forb diversity is high with such plant species as compass-plant, prairie gayfeather, rough blazing-star, false aloe, and large coneflower being common. Prior to settlement, the entire Grand Prairie ecosystem covered approximately 900,000 acres, with more than 400,000 acres of that total consisting of prairie. Today, less than one percent of the prairie remains. A private landowner holds fee title to a portion of the natural area.

Access:

From Hazen, travel south on U.S. Highway 63 (old State Highway 11) for 10 miles to its junction with State Highway 86. Turn right on State Highway 86 and travel for 1 mile. Turn left onto a gravel road and travel 1 mile. Turn right onto a farm road. Prairie lies at end of the farm road.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity of a tallgrass prairie remnant in the Grand Prairie region of eastern Arkansas. The management plan was updated and approved by the commission on 10/30/2012.

Stewardship Activities:

ANHC staff inventoried plants, monitored rare plant species, and conducted a prescribed burn on 70 acres. One new tracked plant was documented for the area.

Date of Last Visit: 3/25/2013

Status:

Inventory work added species to the plant list. Invasive woody plant species continue to be reduced.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Antennaria neglecta</i>	field pussytoes	Plant
<i>Asclepias obovata</i>	savannah milkweed	Plant
<i>Asio flammeus</i>	Short-eared Owl	Animal
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex opaca</i>	opaque prairie sedge	Plant
<i>Cistothorus platensis</i>	Sedge Wren	Animal
<i>Cuscuta glomerata</i>	rope dodder	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Gryllotalpa major</i>	prairie mole cricket	Animal
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	Plant
Lower Mississippi Alluvial Plain Grand Prairie		Natural Community
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening-primrose	Plant
<i>Paspalum boscianum</i>	bull paspalum	Plant
<i>Polygala incarnata</i>	pink milkwort	Plant
<i>Prunus pumila var. susquehanae</i>	sand cherry	Plant
<i>Solidago tortifolia</i>	twist-leaf goldenrod	Plant
<i>Terrapene ornata ornata</i>	ornate box turtle	Animal

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Konecny Prairie 1 (Konecny)	Conservation easement (private landowner holds fee title)	\$45,872.00	\$37,271.00	2/2/1977	State General Improvement Fund
Konecny Prairie 2 (Smith/Dobrovich)	Fee title	\$23,100.00	\$23,100.00	12/9/1998	Natural and Cultural Resources Council
Konecny Prairie 3 (Dobrovich)	Fee title	\$31,500.00	\$31,500.00	8/5/2005	Natural and Cultural Resources Council

Logoly Natural Area

County Name: Columbia

Size (in acres): 200

Latitude: 33.34989

Longitude: -93.18353

Description:

Logoly Natural Area, located in the Coastal Plain, is used intensively for environmental education and contains various natural communities representative of south central Arkansas. Forests of both pines and hardwoods are found on the area, including very large loblolly pines. The area also features several springs along with an assemblage of increasingly scarce plant species that are restricted to spring environments. American beech dominates the moist ravines and the beech-drops that grow parasitically on their roots are especially abundant. The natural area is contained within Logoly State Park and is managed jointly with Arkansas State Parks (ASP).

Access:

The natural area is located within Logoly State Park six miles north of Magnolia. It can be reached by turning east on Logoly Road off U.S. Highway 79 at the McNeil junction.

Management Plan:

The conservation vision is to work in conjunction with ASP in the Coastal Plain to protect and maintain the ecological diversity of high-quality upland forests, forests in the floodplains, and beech-white oak forests in the ravines of Spring Branch. The management plan was updated and approved by the commission on 11/8/2011.

Stewardship Activities:

ASP staff conducted day-to-day management activities. ANHC staff conducted general plant inventories, surveyed for American chaffseed, and removed trash. Staff also met with ASP staff to assess rerouting options for two sections of trail.

Date of Last Visit: 5/16/2013

Status:

Inventory work added species to the plant list and documented one new tracked plant. Field assessments noted increased trail erosion and the need for a prescribed burn.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex leptalea</i>	bristly-stalk sedge	Plant
<i>Coluber constrictor anthicus</i>	buttermilk racer	Animal
<i>Eurycea quadridigitata</i>	dwarf salamander	Animal
Lowland Pine-Oak Forest		Natural Community
<i>Polygala nana</i>	candyroot	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Logoly 1	Conservation easement (Arkansas State Parks holds fee title)	\$80,000.00	\$0.00	4/16/1979	Gift

Longview Saline Natural Area

County Name: Ashley

Size (in acres): 2,215

Latitude: 33.34695

Longitude: -91.95473

Description:

Longview Saline Natural Area, located in the Coastal Plain, consists of a mosaic of saline barrens, mound woodlands, pine-hardwood flatwoods, and bottomland hardwood forest. Soils in parts of the site, containing naturally high amounts of sodium and magnesium salts, account for the sparse and unique vegetation of the barrens and associated woodlands. Some of the barrens at this site are unique for Arkansas in that they are often inundated for long durations from overbank flooding and support a flora distinct from that of other protected barrens within the state. Bottomland hardwood forests along the Saline River help to protect water quality, which, in turn helps to protect two federally endangered mussel species found in the river.

Access:

From the intersection of U.S. Highway 425 in Fountain Hill, travel west on State Highway 8 for approximately 3.8 miles. Continue west on State Highway 8 from its junction with State Highway 133 for approximately 1.9 miles to Ashley County Road 452. Turn west (left) on County Road 452 and travel 1.8 miles. The natural area is on the west side of County Road 452 near its intersection with County Road 458.

Management Plan:

The conservation vision is to protect and maintain a portion of the biologically diverse Saline River ecosystem and the mosaic of rare natural communities, including federally endangered species, occurring along its terraces in the Coastal Plain. The management plan was updated and approved by the commission on 8/9/2011.

Stewardship Activities:

ANHC staff installed gates and fences, maintained boundaries, conducted plant inventories, and toured the area with staff from Arkansas Game and Fish Commission and Molpus Timberlands. A contractor executed a prescribed burn on 115 acres.

Date of Last Visit: 6/20/2013

Status:

Inventory work documented one new tracked plant and added species to the plant list. Field assessments noted feral hog damage on a portion of the area.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Ammocrypta clara</i>	western sand darter	Animal
<i>Anthenantia texana</i>	Kral's silkyscale	Plant
<i>Carex lupuliformis</i>	false hop sedge	Plant
<i>Cyprogenia aberti</i>	western fanshell	Animal
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Lampsilis abrupta</i>	pink mucket	Animal
<i>Lampsilis ornata</i>	southern pocketbook	Animal
<i>Myotis austroriparius</i>	southeastern myotis	Animal
<i>Obovaria jacksoniana</i>	southern hickorynut	Animal
<i>Picoides borealis</i>	Red-cockaded Woodpecker	Animal
<i>Pleurobema rubrum</i>	pyramid pigtoe	Animal
<i>Prenanthes barbata</i>	barbed rattlesnake-root	Plant
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	Animal
<i>Quadrula fragosa</i>	winged mapleleaf	Animal
<i>Quadrula metanevra</i>	monkeyface	Animal
<i>Schoenolirion wrightii</i>	Texas sunnybell	Plant
South Central Saline Glade		Natural Community
<i>Spiranthes praecox</i>	giant ladies'-tresses	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Longview Saline 1	Fee title	\$1,020,000.00	\$1,020,000.00	3/25/2011	1/8 Cent Conservation Tax, Natural and Cultural Resources Council
Longview Saline 2	Fee title	\$3,000,000.00	\$3,000,000.00	5/1/2012	U.S. Fish and Wildlife Service Grant, Natural and Cultural Resources Council, Natural Gas Proceeds

Lorance Creek Natural Area

County Name: Pulaski, Saline **Size (in acres):** 294.34 **Latitude:** 34.58682 **Longitude:** -92.25376

Description:

Lorance Creek Natural Area is primarily a shallow, groundwater-fed swamp that spreads out along both sides of Lorance Creek. The natural area is situated at the transition zone between the sandy uplands of the Coastal Plain and the flat lowlands of the Mississippi Alluvial Plain and includes examples of each. The entire system is a diverse mosaic of upland pine hardwood forest, open water, bald-cypress/tupelo swamp, beaver ponds, and sandy washes overlain with groves of swamp black-gum. All these features are inter-connected by a complex network of small streams and seeps, which support a rich aquatic flora. A portion of the natural area has been developed, using environmentally sensitive construction techniques, to enhance public visitation and environmental education opportunities. This part of the natural area features a paved foot-trail, interpretive panels, and a boardwalk out into the swamp. Both the foot-trail and boardwalk are universally accessible. The Nature Conservancy (TNC) owns adjoining property.

Access:

From Little Rock, take Interstate 530 (old U.S. Highway 65) south approximately 10 miles, exit at Bingham Road (Exit 9). Turn left (east) on Bingham Road, cross over the interstate, and continue through a residential area. At the first "Y" in the road, go right on Bingham Road. At the second "Y" in the road, bear right on Border Lane and the Lorance Creek parking lot is approximately 100 yards on the right.

Management Plan:

The conservation vision is to work with TNC to protect, restore, and maintain the ecological diversity of natural communities at the transition between the Coastal Plain and the Mississippi Alluvial Plain, while maintaining public use facilities. The management plan was updated and approved by the commission on 2/5/2013.

Stewardship Activities:

Weekly site monitoring and trash removal continued for the public-use facilities by both ANHC and TNC staff. TNC hosted a member's field trip to the area. ANHC staff planted a white oak tree in memory of Bob Spraggins (a former staff member), performed a prescribed burn around the retention pond, maintained the trail and boundaries, ANHC staff also monitored bridge construction on Interstate 530.

Date of Last Visit: 6/26/2013

Status:

Inventory work increased the plant list and documented the persistence of the bird-voiced treefrog. The trail surface and interpretive panels remain degraded.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex bullata</i>	button sedge	Plant
<i>Carex stricta</i>	tussock sedge	Plant
<i>Hyla avivoca</i>	bird-voiced treefrog	Animal
<i>Prenanthes barbata</i>	barbed rattlesnake-root	Plant
<i>Spiraea tomentosa</i>	hardhack	Plant
<i>Spiranthes praecox</i>	giant ladies'-tresses	Plant
<i>Tradescantia paludosa</i>	confederate spiderwort	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Lorance 1	Fee title	\$31,968.00	\$32,743.69	10/30/1990	Natural and Cultural Resources Council, Land and Water Conservation Fund
Lorance 2	Fee title	\$15,984.00	\$16,371.84	10/30/1990	Natural and Cultural Resources Council, Land and Water Conservation Fund
Lorance 3	Fee title	\$1,256.75	\$884.47	10/30/1990	Natural and Cultural Resources Council, Land and Water Conservation Fund
Lorance 4	Fee title	\$63,791.25	\$0.00	10/30/1990	Gift

Louisiana Purchase Natural Area

County Name: Monroe, Lee,
Phillips

Size (in acres): 35.102

Latitude: 34.64559

Longitude: -91.05422

Description:

Louisiana Purchase Natural Area preserves the initial point, marked by a commemorative marker, from which the land surveys of the Louisiana Purchase Territory began in 1815. It also protects a portion of the largest remaining headwater swamp in the Lower Mississippi River Valley. The swamp surrounding the marker is about six miles long and less than a mile wide and comprises the headwaters of Little Cypress Creek, making it a "headwater swamp." Headwater swamps maintain more constant water levels than riparian swamps due to reduced watershed areas. This factor also makes them easier to drain and these swamps have all but vanished from the Mississippi Alluvial Plain. The natural area is a cooperative project with Arkansas State Parks (ASP) and features an interpretive boardwalk into the heart of the swamp, providing a view of the stone survey monument.

Access:

From Interstate 40 at Brinkley, take U.S. Highway 49 and go 21 miles south to State Highway 362. Travel 2 miles east.

Management Plan:

The conservation vision is to work in conjunction with ASP to protect and maintain the ecological diversity of a cypress-tupelo headwater swamp in the Mississippi Alluvial Plain represented at a historic landmark. The management plan was updated and approved by the commission on 2/8/2012.

Stewardship Activities:

ASP staff conducted day-to-day management activities. ANHC staff maintained the boundaries and met with ASP staff to discuss management activities.

Date of Last Visit: 6/12/2013

Status:

The altered hydrology of the surrounding area continues to impact the headwater swamp. Field assessments noted no other problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Hyla avivoca</i>	bird-voiced treefrog	Animal

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Louisiana 1 (Hill)	Conservation easement (Arkansas State Parks holds fee title)	\$5,395.20	\$5,000.00	2/15/1977	State General Improvement Fund
Louisiana 2 (Bennett)	Conservation easement (Arkansas State Parks holds fee title)	\$5,395.20	\$5,000.00	3/10/1977	State General Improvement Fund
Louisiana 3 (Bonner)	Conservation easement (Arkansas State Parks holds fee title)	\$3,884.45	\$3,600.00	4/7/1977	State General Improvement Fund
Louisiana 4 (Davidson)	Conservation easement (Arkansas State Parks holds fee title)	\$4,575.15	\$4,240.00	4/13/1977	State General Improvement Fund

Middle Fork Barrens Natural Area

County Name: Saline

Size (in acres): 135.98

Latitude: 34.63757

Longitude: -92.84207

Description:

Located in the eastern portion of the central Ouachita Mountains, Middle Fork Barrens Natural Area contains a complex of open glades, barrens, and dry oak woodlands on a shale substrate. Glades at the natural area range from seasonally wet, flat glades situated in erosional drainages to very dry hillside glades on south and west-facing slopes. Located within the glades are several globally rare, endemic plant species. The natural area is very diverse botanically and also includes rich hardwood forests on north-facing slopes and terraces along the Middle Fork of the Saline River, including a one-third mile stretch of the river. Extensive cedar removal work has been completed in recent years to restore open glades and woodlands to the area.

Access:

From the junction of State Highway 5 and State Highway 9 at Crows, travel approximately 4.6 miles west, through Owensville to Burk Road, and turn right. Then travel approximately 1.5 miles. The majority of the area is located on the east side of the road.

Management Plan:

The conservation vision is to protect, restore, and maintain the ecological diversity of a high-quality example of shale glades, woodlands, and mesic hardwood forests along the Middle Fork of the Saline River in the eastern Ouachita Mountains. The management plan was updated and approved by the commission on 11/9/2010.

Stewardship Activities:

ANHC staff cleared the access road, conducted general plant inventories, and plant community monitoring. A contractor executed a prescribed burn on 35 acres.

Date of Last Visit: 6/13/2013

Status:

Inventory work added species to the plant list. Field assessments noted an increase in invasive plant species, winter storm damage and erosion and deposition of gravel on a portion of the area. Native flora in the glades continues to increase.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	Plant
<i>Amsonia hubrichtii</i>	Ouachita bluestar	Plant
<i>Claytonia caroliniana</i>	Carolina spring-beauty	Plant
<i>Draba aprica</i>	open-ground whitlow-grass	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Erythronium mesochoreum</i>	prairie trout-lily	Plant
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	Plant
<i>Prenanthes aspera</i>	prairie rattlesnake-root	Plant
<i>Sabatia arkansana</i>	Pelton's rose-gentian	Plant
<i>Scleria verticillata</i>	whorled nut-rush	Plant
<i>Speyeria diana</i>	Diana Fritillary	Animal
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Middle Fork 1	Fee title	\$188,900.00	\$188,500.00	6/30/2004	Natural and Cultural Resources Council

Miller County Sandhills Natural Area

County Name: Miller

Size (in acres): 274.3104

Latitude: 33.19354

Longitude: -94.02781

Description:

Miller County Sandhills Natural Area, located in the Coastal Plain, is one of the few remaining examples of relatively undisturbed sandhill vegetation in southwestern Arkansas. The area is marked by rolling topography and very sandy soils. The dry sandy soils support a distinctive flora, which includes a number of species characteristic of similar sites in eastern Texas. Some of the area is open and supports sandhill grasslands, while the remainder supports wooded and open seeps, pine forest, and oak woodlands characterized by a number of "scrub species." This natural area supports more rare plant species than any other area in the System of Natural Areas. The Nature Conservancy (TNC) shares ownership on a portion of the area and also owns additional land adjacent to the natural area.

Access:

From Texarkana travel south on U.S. Highway 71 to State Highway 237. Travel south about 13.6 miles. The natural area is on the west side of State Highway 237. A primitive parking area is located about 0.8 mile south of the junction with State Highway 134 (County Road 434) on the west side of the road.

Management Plan:

The conservation vision is to work with TNC to protect, restore, and maintain the sandhill oak and shortleaf pine forests and woodlands, sandhill barrens, and seeps characteristic of the sandhills region of the Coastal Plain west of the Red River. The management plan was updated and approved by the commission on 2/5/2013.

Stewardship Activities:

ANHC staff conducted plant inventories and targeted surveys for American chaffseed, maintained the boundaries and parking area, installed an entrance sign, and removed invasive woody shrubs. An ecological thin was executed on a portion of the area. A contractor executed a prescribed burn on 160 acres and planted over 7,000 shortleaf pine seedlings.

Date of Last Visit: 6/5/2013

Status:

Inventory work added new species to the plant list. Short-leaf pine trees were planted on a recent acquisition. An ecological thin improved forest structure on a portion of the area. Field assessments noted the need for additional ecological thinning.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Alophia drummondii</i>	pinewoods-lily	Plant
<i>Aristida lanosa</i>	woolly three-awn	Plant
<i>Asimina parviflora</i>	dwarf pawpaw	Plant
<i>Astragalus leptocarpus</i>	slim-pod milk-vetch	Plant
<i>Astragalus soxmaniorum</i>	Soxman's milk-vetch	Plant
<i>Berlandiera pumila</i> var. <i>pumila</i>	sandhill green-eyes	Plant
<i>Bouteloua hirsuta</i> ssp. <i>hirsuta</i>	hairy grama	Plant
<i>Bulbostylis ciliatifolia</i> var. <i>coarctata</i>	fringe-leaf hairsedge	Plant
<i>Croton michauxii</i>	narrow-leaf rushfoil	Plant
<i>Cyperus hystricinus</i>	bristly flatsedge	Plant
<i>Dalea phleoides</i> var. <i>microphylla</i>	little-leaf prairie-clover	Plant
<i>Dalea villosa</i> var. <i>grisea</i>	silky prairie-clover	Plant
<i>Delphinium carolinianum</i> ssp. <i>vimineum</i>	pinewoods larkspur	Plant
<i>Diaperia candida</i>	silver rabbit-tobacco	Plant
<i>Echinacea sanguinea</i>	sanguine purple coneflower	Plant
<i>Eryngium integrifolium</i>	blue-flower eryngo	Plant
<i>Fuirena bushii</i>	Bush's umbrella sedge	Plant
<i>Hymenopappus artemisiifolius</i> var. <i>artemisiifolius</i>	woolly-white	Plant
<i>Matelea cynanchoides</i>	milkvine	Plant
<i>Mitreola sessilifolia</i>	swamp hornpod	Plant
<i>Nuttallanthus canadensis</i>	sand blue toadflax	Plant
<i>Oenothera heterophylla</i> ssp. <i>heterophylla</i>	sandhill evening-primrose	Plant

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Oxalis texana</i>	Texas yellow wood-sorrel	Plant
<i>Panicum rigidulum ssp. pubescens</i>	red-top panic grass	Plant
<i>Pediomelum digitatum</i>	palm-leaf Indian-breadroot	Plant
<i>Pediomelum hypogaeum var. subulatum</i>	buried Indian-breadroot	Plant
<i>Photinia melanocarpa</i>	black chokeberry	Plant
<i>Physostegia digitalis</i>		Plant
<i>Pogonomyrmex comanche</i>	Comanche harvester ant	Animal
<i>Rhynchospora gracilentia</i>	slender beaksedge	Plant
<i>Rhynchospora rariflora</i>	few-flower beaksedge	Plant
<i>Scutellaria cardiophylla</i>	Gulf skullcap	Plant
<i>Selaginella arenicola ssp. riddellii</i>	Riddell's spike-moss	Plant
<i>Streptanthus hyacinthoides</i>	sandhill twistflower	Plant
<i>Thelesperma flavodiscum</i>	yellow-disk greenthread	Plant
<i>Tradescantia reverchonii</i>	Reverchon's spiderwort	Plant
<i>Tragia smallii</i>	Small's noseburn	Plant
<i>Vulpia sciurea</i>	squirrel-tail six-weeks grass	Plant
West Gulf Coastal Plain Sandhill Oak & Shortleaf Pine Forest & Woodland		Natural Community

Acquisition Summary:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Miller 1	ANHC has a 71% undivided interest and The Nature Conservancy has a 29% undivided interest in fee title	\$7,962.50	\$11,300.00	6/4/1992	Natural and Cultural Resources Council
Miller 2	Fee title	\$12,000.00	\$12,627.60	9/8/1995	Natural and Cultural Resources Council
Miller 3	Fee title	\$169,000.00	\$169,000.00	10/1/2007	Natural and Cultural Resources Council, Land Water Conservation Fund
Miller 4	Fee title	\$85,000.00	\$85,000.00	1/21/2009	Natural and Cultural Resources Council
Miller 5	Fee title	\$53,000.00	\$53,000.00	3/30/2012	1/8 Cent Conservation Tax

Mills Park Natural Area

County Name: Saline

Size (in acres): 10.4763

Latitude: 34.60542

Longitude: -92.48287

Description:

Mills Park is a unique example of an urban natural area. This small tract harbors acidic wooded seeps and represents the once extensive forests that occurred across the Coastal Plain. The natural area consists of a wooded block within the larger context of an 80-acre city park owned by the City of Bryant. Ferns, shrubs, and sedges grow in a series of wooded seeps that flow into an unnamed tributary of Crooked Creek.

Access:

Travel southeast on State Highway 183 through Bryant to Mills Park Road. Travel east and then north on Mills Park Road. Turn left at the second Warren Bass Circle entrance to the city park. The natural area lies within the city park in the northwest corner.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity characteristic of a Coastal Plain wooded seep and its surrounding forest within the context of a city recreational park. The management plan was updated and approved by the commission on 2/5/2013.

Stewardship Activities:

ANHC staff maintained boundaries, conducted general plant inventories and targeted surveys for American chaffseed. ANHC staff also met with the new City of Bryant parks manager about executing a prescribed burn on the area.

Date of Last Visit: 6/26/2013

Status:

Active public use continues. Field assessments noted winter storm damage and the need for a prescribed burn on a portion of the area. Inventory work added species to the plant list.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Photinia melanocarpa</i>	black chokeberry	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Mills 1	Conservation easement (city of Bryant holds fee title)	\$0.00	\$0.00	10/12/1990	Gift

Moro Big Pine Natural Area-Wildlife Management Area

County Name: Calhoun

Size (in acres): 15,922.78

Latitude: 33.39717

Longitude: -92.41385

Description:

Moro Big Pine Natural Area-Wildlife Management Area is part of a 120,000 acre site that is considered the best and largest remaining loblolly pine flatwoods in the Coastal Plain of Arkansas. The soils at this site are poorly-drained with a shallow fragipan that limits root penetration and creates wetland conditions during part of the growing season. Overall diversity is high with several rare plant communities represented including pine flatwoods savanna and woodland, saline soil barrens, and both wooded and open sandy seeps. The site also supports a variety of rare plants and animals including the federally endangered Red-cockaded Woodpecker. A conservation easement on the area ensures that some of this habitat is also managed to support increased game species like deer, turkey, and quail. A private landowner, The Arkansas Game and Fish Commission (AGFC) and the Arkansas Natural Heritage Commission (ANHC) co-manage this natural area.

Access:

From Hampton travel south on U.S. Highway 167 approximately 8.5 miles to County Road 29 and turn left (east). Proceed 4.4 miles to County Road 31 (second road on the right). Turn right and travel approximately 0.3 mile to parking area.

Management Plan:

The conservation vision is to protect, restore, and maintain, within a working commercial forest, a mosaic of plant communities and rare species, including the federally endangered RCW, characteristic of the pine flatwoods ecosystem of the Coastal Plain. The management plan was updated and approved by the commission on 2/8/2012.

Stewardship Activities:

ANHC staff attended the annual Moro Big Pine Natural Area-Wildlife Management Area management meeting with staff from ANHC, AGFC, Potlatch, and The Nature Conservancy to discuss past and future management of the area. ANHC staff also conducted general plant inventories and targeted surveys for American chaffseed.

Date of Last Visit: 6/13/2013

Status:

The RCW fledglings increased over the previous year and the average group size increased slightly. Inventory work added species to the plant list and documented five new tracked plant species.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Alophia drummondii</i>	pinewoods-lily	Plant
<i>Anthenantia texana</i>	Kral's silkyscale	Plant
<i>Coelorachis rugosa</i>	wrinkled joint-tail	Plant
<i>Dichanthelium scabriusculum</i>	tall swamp rosette grass	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Eriocaulon decangulare</i>	large-head pipewort	Plant
<i>Fuirena bushii</i>	Bush's umbrella sedge	Plant
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	Plant
<i>Hyla avivoca</i>	bird-voiced treefrog	Animal
<i>Lampropeltis triangulum amaura</i>	Louisiana milksnake	Animal
<i>Paspalum praecox</i>	early paspalum	Plant
<i>Picoides borealis</i>	Red-cockaded Woodpecker	Animal
<i>Plethodon kisatchie</i>	Louisiana slimy salamander	Animal
<i>Prenanthes barbata</i>	barbed rattlesnake-root	Plant
<i>Rhynchospora gracilentia</i>	slender beaksedge	Plant
<i>Rhynchospora rariflora</i>	few-flower beaksedge	Plant
<i>Sabatia campanulata</i>	slender rose-gentian	Plant
<i>Smilax walteri</i>	red-berried greenbrier	Plant
<i>Tradescantia paludosa</i>	confederate spiderwort	Plant
<i>Xyris ambigua</i>	Coastal Plain yellow-eyed-grass	Plant

Acquisition Summary:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Moro Big 1 (Potlatch)	Conservation easement (ANHC has 36% interest and Arkansas Game and Fish Commission has 64% interest)	\$771,280.99	\$771,280.99	12/17/2007	Natural and Cultural Resources Council
Moro Big 2 (Potlatch)	Conservation easement (ANHC has 36% interest and Arkansas Game and Fish Commission has 64% interest)	\$1,261,021.50	\$1,261,031.50	3/2/2009	U.S. Forest Service Grant

Moro Creek Bottoms Natural Area

County Name: Cleveland

Size (in acres): 81.113

Latitude: 33.77712

Longitude: -92.32454

Description:

Moro Creek Bottoms Natural Area, located in the Coastal Plain, supports high-quality stands of lowland oak-sweetgum and bald-cypress. Several cherrybark oak, water oak, and sweetgum trees on the natural area exceed three feet in diameter and tower more than 90 feet in height. The Nature Conservancy (TNC) owns adjoining property.

Access:

From downtown Fordyce take State Highway 8 East. Go 5.7 miles and turn right (south), taking the first right fork at 1.0 mile. Continue about 0.4 mile on an unimproved woods road that joins from the right (west). Park and walk this woods road for about 1.0 mile. Caution: Public access may be restricted from time to time by a neighboring landowner's locked gate.

Management Plan:

The conservation vision is to protect, restore, and maintain the ecological diversity of bottomland hardwood forest and associated upland forest in the floodplain along Moro Creek characteristic of the Coastal Plain. The management plan was updated and approved by the commission on 11/9/2010.

Stewardship Activities:

ANHC staff maintained the boundaries and The Nature Conservancy staff toured the area to assess its potential for a member field trip.

Date of Last Visit: 12/18/2012

Status:

Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
Lowland Oak-Sweetgum Forest		Natural Community
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	Plant
West Gulf Coastal Plain Small Stream and River Forest		Natural Community

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Moro 1	Fee title	\$166,842.00	\$83,420.00	9/15/1987	Land and Water Conservation Fund

Nacatoch Ravines Natural Area

County Name: Hempstead

Size (in acres): 2,122.125

Latitude: 33.65034

Longitude: -93.83154

Description:

Nacatoch Ravines Natural Area protects a continuum of plant communities that occur along the transition from the upland blackland prairies to the low bottomlands along the Little River. It contains one of the largest, and most intact, examples of mesic (moderately moist), dry-mesic, and dry upland forests remaining in the northern part of the Coastal Plain. Through much of the site, canopy trees average two to three feet or more in diameter, with many larger individual trees. It also includes blackland prairie remnants, hardwood flatwoods, wooded seeps, and supports several rare plant species. The Nature Conservancy (TNC) shares ownership on portions of this area.

Access:

From Interstate 30 take exit 18 at Fulton, travel west on U.S. Highway 67 for 1 mile to State Highway 355. Turn right and travel north approximately 3 miles to southern tract. Continue north on Highway 355 for approximately 2.5 miles to northern tract.

Management Plan:

The conservation vision is to work with TNC to protect, restore, and maintain the ecological diversity of terrestrial natural communities at the transition between the blackland prairie and the bottomlands along the Little River. The management plan was updated and approved by the commission on 2/5/2013.

Stewardship Activities:

ANHC staff continued with intensive treatments of invasive kudzu, removed trash, maintained the boundaries, and installed a new parking area. Contractors also continued the aerial application of herbicide to the invasive kudzu and executed a prescribed burn on 185 acres.

Date of Last Visit: 6/19/2013

Status:

Aerial application of herbicide to reduce kudzu continued and was expanded by adjacent landowners. An ecological thin improved forest structure. Inventory work added species to the plant list and documented one new tracked plant species.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex decomposita</i>	cypress-knee sedge	Plant
<i>Carex kraliana</i>	Kral's sedge	Plant
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	Plant
<i>Diaperia prolifera var. prolifera</i>	big-head rabbit-tobacco	Plant
<i>Haliaeetus leucocephalus</i>	Bald Eagle	Animal
<i>Lithospermum tuberosum</i>	tuberous puccoon	Plant
<i>Plethodon serratus</i>	southern red-backed salamander	Animal
<i>Quercus austrina</i>	bluff oak	Plant
<i>Quercus sinuata</i>	Durand's white oak	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Nacatoch 1	Fee title	\$99,000.00	\$68,400.00	1/13/1989	Natural and Cultural Resources Council
Nacatoch 2 (IP)	ANHC has a 71% undivided interest and The Nature Conservancy has a 29% undivided interest in fee title.	\$155,000.00	\$110,000.00	5/18/1992	Natural and Cultural Resources Council, Land and Water Conservation Fund
Nacatoch 3 (IP)	Fee title	\$377,000.00	\$377,000.00	6/20/2002	Natural and Cultural Resources Council
Nacatoch 4 (The Nature Conservancy)	Conservation easement (The Nature Conservancy holds fee title)	\$963,000.00	\$963,000.00	8/4/2008	Natural and Cultural Resources Council
Nacatoch 5 (Anthony/Weyco)	Fee title and conservation easement (The Nature Conservancy holds fee title on 248 acres)	\$448,000.00	\$446,258.86	6/3/2010	Natural and Cultural Resources Council

Palmetto Flats Natural Area

County Name: Little River

Size (in acres): 1,848

Latitude: 33.63689

Longitude: -94.26751

Description:

Palmetto Flats Natural Area is the largest contiguous block of alluvial terrace forest remaining in the Red River Valley in Arkansas. It contains large, high-quality examples of rare wet hardwood and pine-hardwood flatwoods with a dwarf palmetto understory as well as seeps, upland mound woodlands, forested sloughs, and marshes.

Access:

From Ashdown take State Highway 32 west approximately 5.2 miles to Richmond Road (Little River 21). Turn left (south) on Richmond Road and drive for about 5.6 miles. Turn right (north) onto a dirt road. Travel for 0.25 miles to the natural area boundary. A parking area is located one mile north on the east side of the road. This area may be seasonally inaccessible due to flooding.

Management Plan:

The conservation vision is to protect, restore, and maintain the ecological diversity of the largest contiguous alluvial terrace forest, including rare wet hardwood and loblolly pine-hardwood flatwoods, remaining in the Red River Valley of Arkansas. The management plan was updated and approved by the commission on 2/8/2012.

Stewardship Activities:

ANHC staff and a local contracted caretaker maintained the parking area, cleaned the entrance sign, and maintained the boundaries. ANHC staff also conducted general plant inventories and targeted surveys for American chaffseed.

Date of Last Visit: 5/24/2013

Status:

Field assessments noted the need for ecological thinning. Inventory work added species to the plant list and documented one new tracked plant species.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Alophia drummondii</i>	pinewoods-lily	Plant
<i>Crataegus brachyacantha</i>	blueberry hawthorn	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Palmetto 1	Fee title	\$163,105.50	\$162,750.00	8/4/2008	Natural and Cultural Resources Council
Palmetto 2	Fee title	\$1,846,354.26	\$1,842,330.00	9/30/2008	Natural and Cultural Resources Council

Pine City Natural Area

County Name: Monroe

Size (in acres): 1,043.21

Latitude: 34.60493

Longitude: -91.13565

Description:

Pine City Natural Area provides vital habitat for the only known population of the federally endangered Red-cockaded Woodpecker in the Mississippi Alluvial Plain of Arkansas. The natural area also contains the "Lost Pine of Arkansas." These fairly extensive, high-quality natural stands of loblolly pines are "lost" in the sense that they are an isolated population within the Mississippi Alluvial Plain. As a result, they have become genetically distinct from loblolly pines found elsewhere in the United States. Natural communities present include extensive loblolly pine flatwoods, wet hardwood flatwoods, and saline barrens. Additional holdings at the natural area consist of former agricultural land that is being restored to loblolly pine-hardwood forest.

Access:

From Clarendon, take U.S. Highway 79 east (about 5 miles) to State Highway 17. Travel south on State Highway 17 (approximately 6 miles) to State Highway 86. Go east on State Highway 86 for 3 miles.

Management Plan:

The conservation vision is to protect, restore, and maintain a genetically distinct population of loblolly pine and the only known population of federally endangered RCW in the Mississippi Alluvial Plain. The management plan was updated and approved by the commission on 2/5/2013.

Stewardship Activities:

ANHC staff maintained the boundaries and signs, removed trash and monitored the effects of a 70-acre wildfire. Staff also performed vegetation monitoring and provided oversight to a contractor who was removing understory with a forestry mulcher. ANHC staff continued to monitor the federally endangered Red-cockaded woodpeckers and clean their nesting cavities. Staff also worked on a translocation project with the Ouachita National Forest. A contractor planted over 20,000 local genotype pine seedlings.

Date of Last Visit: 6/19/2013

Status:

The number of RCW groups fledging young and number of young fledged increased following continued habitat improvements. Field observations noted an increase in feral hog damage. Ecological restoration improved forest structure and species composition.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Ammodramus henslowii</i>	Henslow's Sparrow	Animal
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Minuartia drummondii</i>	Drummond's sandwort	Plant
<i>Picoides borealis</i>	Red-cockaded Woodpecker	Animal
<i>Regina grahamii</i>	Graham's crayfish snake	Animal
<i>Spiranthes praecox</i>	giant ladies'-tresses	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Pine City 1	Fee title	\$33,840.00	\$32,200.00	8/8/1988	Natural and Cultural Resources Council
Pine City 2	Fee title	\$31,500.00	\$31,500.00	8/10/1989	Natural and Cultural Resources Council
Pine City 3	Fee title	\$67,680.00	\$32,000.00	3/2/1989	Natural and Cultural Resources Council
Pine City 4	Fee title	\$216,600.00	\$215,000.00	9/5/2001	Natural and Cultural Resources Council
Pine City 5	Fee title	\$46,300.00	\$46,300.00	6/18/2003	Natural and Cultural Resources Council, Land Water Conservation Fund
Pine City 6	Fee title	\$62,000.00	\$62,000.00	7/17/2003	Natural and Cultural Resources Council, 1/8 Cent Conservation Tax
Pine City 7	Fee title	\$37,000.00	\$29,450.00	12/15/2003	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant
Pine City 8	Fee title	\$73,000.00	\$73,000.00	6/25/2007	Natural and Cultural Resources Council
Pine City 9	Fee title	\$60,000.00	\$60,000.00	7/2/2008	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Pine City 10	Fee title	\$58,000.00	\$58,000.00	10/3/2008	Natural and Cultural Resources Council, 1/8 Cent Conservation Tax
Pine City 11	Fee title	\$105,000.00	\$105,000.00	10/1/2008	U.S. Fish and Wildlife Service Grant
Pine City 12	Fee title	\$73,640.00	\$73,640.00	4/3/2009	U.S. Fish and Wildlife Service Grant
Pine City 13	Fee title	\$60,000.00	\$60,000.00	9/29/2009	Natural and Cultural Resources Council
Pine City 14	Fee title	\$61,110.00	\$57,036.00	5/9/2011	Natural and Cultural Resources Council
Pine City 15	Fee title	\$60,000.00	\$60,000.00	12/15/2011	Natural and Cultural Resources Council

Pine Hollow Natural Area

County Name: Newton

Size (in acres): 132.525

Latitude:

Longitude:

Description:

Pine Hollow Natural Area, located in the Ozark Mountains, consists primarily of second growth oak-hickory forest. Part of the natural area shelters numerous beech trees, some of them quite large. Mountain azaleas occur in the understory of certain parts of the natural area. A portion of the Upper Buffalo Wilderness Area (Ozark National Forest) partially surrounds the natural area and receives much of the tract's surface runoff, a factor contributing to the water quality of the Buffalo National River. Fee title is held by a private landowner.

Access:

There is no public access to this natural area.

Management Plan:

The conservation vision is to protect and maintain a portion of the watershed of the Upper Buffalo River National River and the ecological diversity characteristic of oak-hickory forests of the Ozark Mountains. The management plan was updated and approved by the commission on 2/8/2012.

Stewardship Activities:

ANHC monitored the area and the resident landowners continued to perform routine grounds maintenance of the area.

Date of Last Visit: 6/12/2013

Status:

Field assessments noted no problems.

Elements of Special Concern:

Scientific Name

Common Name

Type of Element

None Recorded

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Pine Hollow 1 (Messling)	Conservation easement (private landowner holds fee title)	\$0.00	\$0.00	6/12/1998	Gift

Poison Springs State Forest Sand Barren & Oak-Pine Forest Preserve

County Name: Ouachita, Nevada **Size (in acres):** 899.46 **Latitude:** 33.66033 **Longitude:** -93.02663

Description:

Poison Springs State Forest Sand Barren & Oak-Pine Forest Preserve includes more than 435 acres of sandhill barrens and woodland vegetation which support many rare species. Portions of the site are treeless, supporting sandhill grasslands and scrubby barrens, while others support woodlands with margareta oak, Arkansas oak, and bluejack oak. Much of the balance of the upland areas supports a mixed shortleaf pine-loblolly pine-oak forest while beech-holly-oak forest is found along streams. Although not old-growth, these forest stands are relatively mature compared to others of their kind in the Coastal Plain. Wooded seeps and open marshes are found in some areas. The area falls within the Poison Springs State Forest and is managed in cooperation with the Arkansas Forestry Commission (AFC) and The Nature Conservancy (TNC).

Access:

The natural area includes seven non-contiguous tracts. The following directions guide visitors to the original two tracts acquired by the agency. From State Highway 57 and State Highway 24 at Chidester, travel 1.6 miles on State Highway 24 east to Scott Story Road (County Road 361). Travel south 1.35 miles to the north boundary of the Woods Unit. From this point, it is approximately 2.4 miles to the northeast corner of the barrens unit.

Management Plan:

The conservation vision is to work with the AFC to protect restore, and maintain the sandhill oak and shortleaf pine forests and woodlands, barrens, seeps, and wetlands characteristic of the central sandhills region of the Coastal Plain. The management plan was updated and approved by the commission on 4/30/2012.

Stewardship Activities:

ANHC staff conducted general plant inventories, targeted surveys for American chaffseed, rare plant monitoring, and boundary maintenance. A contractor developed a burn plan and installed fire lines around a 60-acre burn unit.

Date of Last Visit: 6/7/2013

Status:

Inventory work documented three new tracked plant species and added species to the plant list. Field assessments noted the need for an ecological thin on a portion of the area.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Alophia drummondii</i>	pinewoods-lily	Plant
<i>Aristida lanosa</i>	woolly three-awn	Plant
<i>Astragalus leptocarpus</i>	slim-pod milk-vetch	Plant
<i>Astragalus soxmaniorum</i>	Soxman's milk-vetch	Plant
<i>Bulbostylis ciliatifolia</i> var. <i>coarctata</i>	fringe-leaf hairsedge	Plant
<i>Carex leptalea</i>	bristly-stalk sedge	Plant
<i>Croton michauxii</i>	narrow-leaf rushfoil	Plant
<i>Cyperus grayoides</i>	Illinois flatsedge	Plant
<i>Cyperus hystricinus</i>	bristly flatsedge	Plant
<i>Danthonia sericea</i>	downy oat grass	Plant
<i>Delphinium carolinianum</i> ssp. <i>vimineum</i>	pinewoods larkspur	Plant
<i>Diaperia candida</i>	silver rabbit-tobacco	Plant
<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	Plant
<i>Eriogonum multiflorum</i> var. <i>multiflorum</i>	many-flower wild buckwheat	Plant
<i>Eurycea quadridigitata</i>	dwarf salamander	Animal
<i>Hyla avivoca</i>	bird-voiced treefrog	Animal
<i>Hymenopappus artemisiifolius</i> var. <i>artemisiifolius</i>	woolly-white	Plant
<i>Nuttallanthus canadensis</i>	sand blue toadflax	Plant
<i>Oenothera heterophylla</i> ssp. <i>orientalis</i>	eastern sandhill evening-primrose	Plant
<i>Penstemon murrayanus</i>	scarlet beardtongue	Plant
<i>Phacelia strictiflora</i> var. <i>robbinsii</i>	Robbins' prairie scorpion-weed	Plant
<i>Phemeranthus rugospermus</i>	rough-seed fameflower	Plant

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Pogonomyrmex comanche</i>	Comanche harvester ant	Animal
<i>Polanisia erosa ssp. erosa</i>	sandhill clammy-weed	Plant
<i>Selaginella arenicola ssp. riddellii</i>	Riddell's spike-moss	Plant
<i>Smilax walteri</i>	red-berried greenbrier	Plant
<i>Solidago patula ssp. strictula</i>	swamp goldenrod	Plant
<i>Sporobolus junceus</i>	pineywoods dropseed	Plant
<i>Streptanthus hyacinthoides</i>	sandhill twistflower	Plant
<i>Stylisma pickeringii var. pattersonii</i>	Patterson's dawnflower	Plant
<i>Tradescantia reverchonii</i>	Reverchon's spiderwort	Plant
<i>Vulpia sciurea</i>	squirrel-tail six-weeks grass	Plant
West Gulf Coastal Plain Sandhill Oak & Shortleaf Pine Forest and Woodland		Natural Community

Acquisition Summary:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Poison 1	Conservation easement (Arkansas Forestry Commission holds fee title)	\$0.00	\$0.00	4/24/1985	Gift
Poison 2	Conservation easement (The Nature Conservancy holds fee title)	\$249,000.00	\$249,000.00	6/25/2009	Natural and Cultural Resources Council
Poison 3	Fee title	\$93,000.00	\$93,000.00	9/16/2010	Natural and Cultural Resources Council
Poison 4	Fee title and conservation easement (Arkansas Forestry Commission holds fee title on easement tract)	\$122,000.00	\$122,000.00	2/15/2011	Natural and Cultural Resources Council
Poison 5	Conservation easement (Arkansas Forestry Commission holds fee title)	\$18,000.00	\$6,000.00	10/25/2011	Natural and Cultural Resources Council

Railroad Prairie Natural Area

County Name: Prairie, Lonoke

Size (in acres): 250.7

Latitude: 34.78175

Longitude: -91.69782

Description:

Railroad Prairie Natural Area occupies portions of the abandoned right-of-way of the former Chicago, Rock Island, and Pacific railroad along U.S. Highway 70 between Carlisle and DeValls Bluff. Its long, linear shape encompasses a variety of habitats and communities including prairie, herbaceous wetland, oak woodland, and forest. A large portion of Railroad Prairie consists of tallgrass prairie, a habitat that was once much more common across the Grand Prairie of eastern Arkansas (Mississippi Alluvial Plain). Today, less than one percent of the prairies that occurred across this region remain. Parts of the prairie have been little disturbed and are dominated by grass species typical of tallgrass prairies such as big bluestem, little bluestem, switchgrass, and Indiangrass. Along with grasses, the natural area contains a diverse complement of forbs including narrow-leaved sunflower, long-bracted wild indigo, and compass plant. The natural area also provides critical habitat for several species now considered rare throughout the state.

Access:

From Interstate 40 take the Carlisle exit (State Highway 13) and travel to the intersection with U.S. Highway 70. Turn left (east) on U.S. Highway 70. The prairie lies along the north right-of-way of Highway 70 beginning just east of Carlisle and extending to DeValls Bluff.

Management Plan:

The conservation vision is to protect, restore, and maintain the array of natural communities and ecological diversity characteristic of the Grand Prairie ecosystem transitioning from bottomland hardwood forest, woodland and savanna to tallgrass prairie. The management plan was updated and approved by the commission on 5/2/2013.

Stewardship Activities:

ANHC staff installed a new entrance sign, maintained boundaries, treated invasive species, and conducted prescribed burns. Staff met with representatives from the Attorney General's Office and the Arkansas Game and Fish Commission enforcement division to discuss an encroachment issue on the natural area. ANHC staff also worked with the Commissioner of State Lands Office and the Department of Finance and Administration to open bids for haying but no bids were received.

Date of Last Visit: 6/27/2013

Status:

Management activities reduced invasive plant species and woody encroachment. A neighboring landowner impacted a portion of the prairie. Field assessments noted no other problems. One new tracked plant was documented for the area.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Asclepias obovata</i>	savannah milkweed	Plant
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex normalis</i>	spreading oval sedge	Plant
<i>Carex opaca</i>	opaque prairie sedge	Plant
<i>Coelorachis rugosa</i>	wrinkled joint-tail	Plant
<i>Dichanthelium dichotomum</i> ssp. <i>roanokense</i>	Roanoke rosette grass	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Gentiana puberulenta</i>	downy gentian	Plant
<i>Gryllotalpa major</i>	prairie mole cricket	Animal
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	Plant
<i>Hypericum adpressum</i>	creeping St. John's-wort	Plant
<i>Koeleria macrantha</i>	prairie June grass	Plant
Lower Mississippi Alluvial Plain Grand Prairie		Natural Community
<i>Muhlenbergia glabrifloris</i>	inland muhly	Plant
<i>Nemastylis geminiflora</i>	celestial-lily	Plant
<i>Oenothera pilosella</i> ssp. <i>sessilis</i>	prairie evening-primrose	Plant
<i>Polygala incarnata</i>	pink milkwort	Plant
<i>Prenanthes aspera</i>	prairie rattlesnake-root	Plant
<i>Prunus pumila</i> var. <i>susquehanae</i>	sand cherry	Plant
<i>Sabatia campanulata</i>	slender rose-gentian	Plant

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Solidago speciosa var. rigidiuscula</i>	narrow-leaf showy goldenrod	Plant
<i>Solidago tortifolia</i>	twist-leaf goldenrod	Plant
<i>Tetraopes quinquemaculatus</i>	a red milkweed beetle	Animal

Acquisition Summary:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Railroad 1	Fee title	\$209,000.00	\$160,532.00	2/10/1987	State General Improvement Fund, Land and Water Conservation Fund
Railroad 2	Fee title	\$9,546.50	\$0.00	11/26/2003	Gift

Rock Creek Natural Area

County Name: Sharp

Size (in acres): 414.68

Latitude: 36.22659

Longitude: -91.44052

Description:

Rock Creek Natural Area, located within the Salem Plateau of the Arkansas Ozarks, contains one of the highest concentrations of rare plants in Arkansas. Many of these rare plants occur in a series of calcareous seep-fen and dolomite glade plant communities along Rock Creek and its tributaries. Rock Creek, a tributary of the Spring River, has very high water quality due to several springs and seeps feeding the creek, and the lack of development in the watershed. The natural area lies within the Harold Alexander Wildlife Management Area and is co-managed with the Arkansas Game and Fish Commission (AGFC).

Access:

The Area is located approximately 6 miles south of Hardy. Take State Highway 342 east from U.S. Highway 62 along the Spring River to Rock Creek Road (County Road 51). Follow Rock Creek Road south to the Rock Creek bridge within the Harold Alexander Wildlife Management Area.

Management Plan:

The conservation vision is to work with the AGFC to protect and maintain the ecological diversity of aquatic communities of Rock Creek and its terrestrial communities characteristic of Ozark Mountain glades, woodlands, and groundwater seepage wetlands. The management plan was updated and approved by the commission on 11/9/2010.

Stewardship Activities:

AGFC staff conducted day-to-day management activities. ANHC staff treated invasive species, and monitored the restoration areas. A contractor executed a prescribed burn on 495 acres. One new tracked animal was documented for the area.

Date of Last Visit: 5/24/2013

Status:

Prescribed fire reduced woody debris and increased native vegetation. AGFC continues to address negative impacts from public use. Field assessments noted no other problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex interior</i>	inland star sedge	Plant
<i>Carex leptalea</i>	bristly-stalk sedge	Plant
<i>Carex suberecta</i>	prairie straw sedge	Plant
<i>Carex timida</i>	timid sedge	Plant
Central Interior Highlands Calcareous Glade and Barrens		Natural Community
<i>Cicindela obsoleta</i>	scrubland tiger beetle	Animal
<i>Elymus riparius</i>	river-bank wild rye	Plant
<i>Erysimum capitatum</i> var. <i>capitatum</i>	western wallflower	Plant
<i>Juncus subcaudatus</i>	fen rush	Plant
<i>Ludwigia microcarpa</i>	small-fruit primrose-willow	Plant
<i>Mimulus ringens</i> var. <i>ringens</i>	Allegheny monkey-flower	Plant
<i>Nemastylis geminiflora</i>	celestial-lily	Plant
<i>Orconectes marchandi</i>	Mammoth Spring crayfish	Animal
Ozark-Ouachita Fen		Natural Community
<i>Pediomelum esculentum</i>	large Indian-breadroot	Plant
<i>Penstemon cobaea</i>	showy beardtongue	Plant
<i>Perideridia americana</i>	American squaw-root	Plant
<i>Plantago cordata</i>	heart-leaf plantain	Plant
<i>Pycnanthemum virginianum</i>	Virginia mountain-mint	Plant
<i>Rhynchospora capillacea</i>	capillary beaksedge	Plant
<i>Scleria verticillata</i>	whorled nut-rush	Plant
<i>Scutellaria bushii</i>	Bush's skullcap	Plant
<i>Solidago riddellii</i>	Riddell's goldenrod	Plant
<i>Spiranthes lucida</i>	shining ladies'-tresses	Plant
Spring-Ozark Mountains		Natural Community

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Symphotrichum sericeum</i>	silvery aster	Plant
Upland Stream-Ozark Mountains		Natural Community
<i>Vitis rupestris</i>	sand grape	Plant

Acquisition Summary:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Rock Creek 1	Conservation easement (Arkansas Game and Fish Commission holds fee title)	\$83,189.52	\$83,189.52	5/30/1991	ANHC purchased 2 tracts of land that became part of Cut-off Creek WMA. Title to that land went to AGFC; ANHC retained an easement. In exchange, AGFC dedicated conservation easements on Rock Creek, Coffee Prairie, & additional land at Cut-off Creek

Roth Prairie Natural Area

County Name: Arkansas

Size (in acres): 41.066

Latitude: 34.45407

Longitude: -91.57699

Description:

Roth Prairie Natural Area is a tract of tallgrass prairie formerly managed for hay production. Grass species typical of tallgrass prairies dominate the site, such as big bluestem and Indiangrass. Prairie mounds occur across Roth Prairie, with some rising up to three feet in height. Prairie mounds are generally considered to be an indication that the prairie has never been plowed or leveled. Roth Prairie Natural Area represents one of the last few fragments of tallgrass prairie left in the Grand Prairie of eastern Arkansas (Mississippi Alluvial Plain). It has been estimated that, prior to settlement, the Grand Prairie contained approximately 400,000 acres of prairie. Less than one percent of these prairies remain. Arkansas State University holds title to the land.

Access:

From Stuttgart, take U.S. Highway 79B to State Highway 276. Travel south 1.0 mile onto South Buerkle Road. After 1.0 mile on this road, turn right onto Roth Prairie Road. Continue 0.8 mile to the southeast corner entrance of natural area.

Management Plan:

The conservation vision is to work in conjunction with ASU for to protect and maintain the ecological diversity of a tallgrass prairie remnant in the Grand Prairie region of eastern Arkansas. The management plan was updated and approved by the commission on 4/30/2012.

Stewardship Activities:

ANHC staff maintained the entrance signs and parking area, and executed a prescribed burn on 20 acres.

Date of Last Visit: 6/19/2013

Status:

Invasive plant species were reduced. Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Asclepias obovata</i>	savannah milkweed	Plant
<i>Asio flammeus</i>	Short-eared Owl	Animal
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex opaca</i>	opaque prairie sedge	Plant
<i>Cuscuta glomerata</i>	rope dodder	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	Plant
<i>Laphria vorax</i>	a robberfly	Animal
Lower Mississippi Alluvial Plain Grand Prairie		Natural Community
<i>Muhlenbergia glabrifloris</i>	inland muhly	Plant
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening-primrose	Plant
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	Animal
<i>Pycnanthemum verticillatum</i>	Whorled Mountain-mint	Plant
<i>Solidago speciosa var. rigidiuscula</i>	narrow-leaf showy goldenrod	Plant
<i>Solidago tortifolia</i>	twist-leaf goldenrod	Plant
<i>Sporobolus junceus</i>	pineywoods dropseed	Plant
<i>Terrapene ornata ornata</i>	ornate box turtle	Animal

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Roth 1	Conservation easement (Arkansas State University holds fee title)	\$61,500.00	\$61,500.00	7/23/1976	State General Improvement Fund

Saratoga Blackland Prairie Natural Area

County Name: Howard

Size (in acres): 66.3886

Latitude: 33.75806

Longitude: -93.91196

Description:

Saratoga Blackland Prairie Natural Area, located in the Coastal Plain, contains high quality blackland prairies and associated woodlands, with few non-native, invasive species. A prescribed fire regime has been successfully reintroduced, along with other management activities that are restoring the natural structure and composition of the prairies and woodlands over significant portions of the area. Several rare plant and animal species are also found on the area.

Access:

From Hope take State Highway 73 to Saratoga. Travel north on State Highway 355 for approximately 0.6 miles. Stay straight and merge onto State Highway 32, continue to Chapel Hill Road and turn right. The natural area is located at the end of Chapel Hill Road.

Management Plan:

The conservation vision is to protect, restore, and maintain the mosaic of plant communities and associated ecological diversity of blackland prairie, woodland, and forest characteristic of the Coastal Plain in Arkansas. The management plan was updated and approved by the commission on 2/8/2011.

Stewardship Activities:

ANHC staff maintained the boundaries and the entrance sign.

Date of Last Visit: 12/17/2012

Status:

Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Astragalus crassicaarpus</i> var. <i>crassicaarpus</i>	purple ground-plum	Plant
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	Plant
<i>Microstylum morosum</i>	giant prairie robber fly	Animal
<i>Penstemon cobaea</i>	showy beardtongue	Plant
<i>Physaria gracilis</i> ssp. <i>gracilis</i>	slender bladderpod	Plant
<i>Stenosiphon linifolius</i>	false gaura	Plant
<i>Tetraloniella albata</i>	white long-horned bee	Animal
<i>Tetraopes texanus</i>	a red milkweed beetle	Animal

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Saratoga 1	Fee title	\$23,760.00	\$23,760.00	8/20/2004	Natural and Cultural Resources Council

Searles Prairie Natural Area

County Name: Benton

Size (in acres): 10

Latitude: 36.3557

Longitude: -94.14364

Description:

Searles Prairie Natural Area is a 10-acre remnant of a 10,000-acre tallgrass prairie that once occupied part of the Springfield Plateau of the Ozark Mountains around Rogers. Prairie mounds are scattered throughout the natural area and are thought to have originated from windblown material deposited during dry climatic periods since the last glaciation. Plant species such as big bluestem, little bluestem, prairie cordgrass, and switchgrass occur across the site. Located within the city limits of Rogers, this natural area provides public opportunities for environmental education. Although located within an urban setting, rare plant species continue to be recorded from this site. Fee title is held by a private landowner.

Access:

Take exit 86 off Interstate 540 in Rogers. Go 2 miles east on U.S. Highway 62. The natural area is located at the junction of Dixieland Road and U.S. Highway 62.

Management Plan:

The conservation vision is to protect, restore, and maintain the mosaic of plant communities and associated ecological diversity of an Ozark tallgrass prairie remnant on the Springfield Plateau of the Ozark Mountains. The management plan was updated and approved by the commission on 5/2/2013.

Stewardship Activities:

ANHC staff maintained the boundaries, removed trash, and installed a new entrance sign. A contractor executed a prescribed burn, bush hogged the prairie, and completed plant community monitoring report. Volunteers sporadically removed trash.

Date of Last Visit: 6/5/2013

Status:

Mechanical thinning and prescribed fire reduced invasive plant species and woody encroachment. The altered hydrology of the surrounding area continues to affect a portion of the prairie.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Asclepias incarnata ssp. incarnata</i>	swamp milkweed	Plant
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex buxbaumii</i>	brown bog sedge	Plant
<i>Carex conoidea</i>	open-field sedge	Plant
<i>Carex opaca</i>	opaque prairie sedge	Plant
<i>Carex scoparia var. scoparia</i>	pointed broom sedge	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
Ozark Prairie and Woodland		Natural Community
<i>Scleria muehlenbergii</i>	Muhlenberg's nut-rush	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Searles 1	Conservation easement (private landowner holds fee title)	\$100,000.00	\$0.00	6/16/1988	Gift

Seven Devils Swamp Natural Area

County Name: Drew

Size (in acres): 1,076.26

Latitude: 33.57546

Longitude: -91.5789

Description:

Seven Devils Swamp Natural Area is located along Cut-off Creek at the point where the creek flows from the pine-covered hills of the Coastal Plain to the flat lowlands of the Mississippi Alluvial Plain. The area is comprised of a relatively narrow bottomland occupied by bald cypress and water tupelo on the wetter sites and bottomland hardwood tree species on drier, but still flood-prone, sites. Further downstream, the area is almost permanently flooded, supporting a diverse swamp community. High-quality forested canebrakes are interspersed throughout the area. The natural area lies within the Seven Devils Swamp Wildlife Management Area and is co-managed with the Arkansas Game and Fish Commission (AGFC).

Access:

From Monticello, travel east on State Highway 35 approximately 14.0 miles to Collins. From the Cut-off Creek bridge in Collins, continue east approximately 0.1 mile, and turn left on Selma-Collins Road (County Road 69). Travel north 3.65 miles. Turn left on Barnard Road. Travel 1.5 miles to boat ramp.

Management Plan:

The conservation vision is to work with the AGFC to protect and maintain the ecological diversity of a cypress-tupelo swamp and bottomland hardwood forest transitioning between the Coastal Plain and Mississippi Alluvial Plain. The management plan was updated and approved by the commission on 2/8/2011.

Stewardship Activities:

AGFC staff conducted day-to-day management activities. ANHC staff monitored the area and removed trash.

Date of Last Visit: 5/23/2013

Status:

Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
Colonial nesting site, water birds		Other
<i>Hypericum apocynifolium</i>	dogbane St. John's-wort	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Seven Devils 1	Conservation easement (Arkansas Game and Fish Commission holds fee title)	\$750,000.00	\$750,000.00	9/27/2002	Natural and Cultural Resources Council

Singer Forest Natural Area

County Name: Poinsett

Size (in acres): 519.44

Latitude: 35.46242

Longitude: -90.54101

Description:

Singer Forest Natural Area, located in the Mississippi Alluvial Plain, primarily consists of a bottomland forest/overflow swamp. Singer Forest is a good representation of the forested wetlands that once occurred throughout this part of Arkansas. Although once common across the Mississippi Alluvial Plain, most forested wetlands have been cleared for agricultural production. The Arkansas Game and Fish Commission (AGFC) holds fee title and co-manages this natural area.

Access:

From Marked Tree, take State Highway 75 south 8.8 miles and turn right onto a dirt levee road (County Road 401). Travel west approximately 1.2 miles on top of levee and turn right crossing Ditch #109. The property is on the north side of Ditch #109.

Management Plan:

The conservation vision is to work in conjunction with the AGFC to protect and maintain a bottomland hardwood forest and overflow swamp characteristic of the St. Francis River Basin within the Mississippi Alluvial Plain. The management plan was updated and approved by the commission on 2/8/2011.

Stewardship Activities:

AGFC staff performed routine stewardship activities. ANHC staff maintained boundaries and removed trash.

Date of Last Visit: 6/21/2013

Status:

Field assessments noted no problems.

Elements of Special Concern:

Scientific Name

Common Name

Type of Element

None Recorded

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Singer 1	Conservation easement (Arkansas Game and Fish Commission holds fee title)	\$0.00	\$0.00	8/30/1973	Gift

Slippery Hollow Natural Area

County Name: Marion

Size (in acres): 1,155.121

Latitude: 36.35608

Longitude: -92.77574

Description:

Slippery Hollow Natural Area, located in the Springfield and Salem Plateaus of the Ozark Mountains, consists of steep-sided stream valleys and intervening dry ridges. Upper slopes and ridges are forested with a mix of post oak, blackjack oak, and shortleaf pine with calcareous glades on south- and west-facing aspects. On the lower slopes, a mesic (moderately moist) hardwood forest of red and white oak, basswood, and sugar maple transitions to rich riparian forests along spring-fed streams. The area provides critical habitat for the federally endangered Ozark big-eared bat. The area is managed cooperatively with an adjacent tract owned by The Nature Conservancy (TNC).

Access:

At Lakeway (junction of State Highway 14 and County Road 8001) go north on State Highway 14 for approximately 1.4 miles. The entrance sign is on the right side of the road. Parking is on the shoulder.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity of Ozark woodland, glade, forest, and karst communities in north-central Arkansas that support the eastern-most population of the federally endangered Ozark big-eared bat. The management plan was updated and approved by the commission on 4/30/2012.

Stewardship Activities:

ANHC staff maintained the boundaries and entrance signs, installed a cave closure sign, and conducted bat surveys with the Arkansas Game and Fish Commission and TNC.

Date of Last Visit: 4/2/2013

Status:

Inventory work added species to the plant list. Field assessments noted the persistence of the Ozark big-eared bat and found no evidence of white-nose syndrome in the bat populations. Two new tracked species were documented for the area..

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Batrachus speleopolis</i>	Cave City cave amphipod	Animals
<i>Carex careyana</i>	Carey's sedge	Plant
<i>Carex hitchcockiana</i>	Hitchcock's sedge	Plant
<i>Carex sparganioides</i>	bur-reed sedge	Plant
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	Animal
<i>Eurycea spelaea</i>	grotto salamander	Animal
<i>Myotis grisescens</i>	gray myotis	Animal
<i>Myotis leibii</i>	eastern small-footed bat	Animal
<i>Penstemon cobaea</i>	showy beardtongue	Plant
<i>Phlox bifida</i>	sand phlox	Plant
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	Animal

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Slippery 1 (The Nature Conservancy/ Hulbert)	Fee title	\$66,000.00	\$51,031.88	6/19/1985	State General Improvement Fund, Land and Water Conservation Fund
Slippery 2 (Boone)	Fee title	\$19,000.00	\$18,000.00	12/15/1998	Natural and Cultural Resources Council
Slippery 3 (Bell)	Fee title	\$67,000.00	\$67,000.00	6/24/2002	Natural and Cultural Resources Council
Slippery 4 (Reed Cave)	Fee title	\$182,750.00	\$182,750.00	6/24/2004	Natural and Cultural Resources Council, Land Water Conservation Fund
Slippery 5 (Tanner)	Fee title	\$85,000.00	\$85,000.00	10/1/2007	U.S. Fish and Wildlife Service Grant

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Slippery 6 (Williams)	Fee title	\$120,000.00	\$120,000.00	1/24/2008	U.S. Fish and Wildlife Service Grant
Slippery 7 (Davenport)	Fee title	\$162,289.40	\$98,087.00	8/27/2010	Natural and Cultural Resources Council
Slippery 8 (Williams 2)	Fee title	\$138,000.00	\$138,000.00	12/3/2010	Natural and Cultural Resources Council
Slippery 9 (Liebert)	Fee title	\$67,400.00	\$67,400.00	8/31/2011	Natural and Cultural Resources Council
Slippery 10 (Williams 3)	Fee title	\$69,000.00	\$69,000.00	2/22/2012	Natural and Cultural Resources Council

Smoke Hole Natural Area

County Name: Lonoke, Prairie **Size (in acres):** 455 **Latitude:** 34.64226 **Longitude:** -91.66368

Description:

Smoke Hole Natural Area, located in the Mississippi Alluvial Plain, contains a mature water tupelo swamp surrounded by forests consisting of a diverse mix of upland and bottomland hardwood tree species. Some tupelo trees within the swamp are up to 60 inches in diameter. The natural area encompasses approximately three miles of Two Prairie Bayou, which is a tributary to Bayou Meto. The channel of Two Prairie Bayou is braided throughout the area creating an ill-defined network of channels.

Access:

From Carlisle, travel 9 miles south on State Highway 13. Turn left onto a county road and continue for 5 miles to the end of road. Park on side of road next to gate and walk east approximately 0.4 mile to the natural area. Caution: public access may be restricted from time to time by a neighboring landowner's locked gate.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity characteristic of an area of the Grand Prairie region containing upland hardwood forest, bottomland hardwood forest, and tupelo swamp along Bayou Two Prairie. The management plan was updated and approved by the commission on 5/2/2013.

Stewardship Activities:

ANHC staff maintained boundaries and removed trash.

Date of Last Visit: 5/9/2013

Status:

Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
Lower Mississippi River Bottomland Depression		Natural Community

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Smoke Hole 1	Fee title	\$185,000.00	\$150,000.00	10/7/1976	State General Improvement Fund, Land and Water Conservation Fund

St. Francis Sunken Lands Natural Area

County Name: Poinsett

Size (in acres): 80

Latitude: 35.68692

Longitude: -90.43968

Description:

St. Francis Sunken Lands Natural Area is located in the Mississippi Alluvial Plain on the east side of the St. Francis River within an area of bottomland forest known as the St. Francis Sunken Lands. It includes a portion of the largest known Arkansas population of the federally endangered shrub pondberry. The area is characterized by varied microtopography consisting of a series of shallow, north-south trending channels which are separated by low, sandy ridges of relative uplands (one to three feet high). The area is seasonally inundated by flood waters in winter and spring, but the varied microtopography provides a hydrologic gradient along which a rich diversity of plant species is found. The natural area lies adjacent to St. Francis Sunken Lands Wildlife Management Area.

Access:

From Jonesboro travel east on Highway 18 for approximately 15 miles to Highway 135. Turn south on Highway 135 and travel approximately 9 miles to County Road 876. Turn right (west) on County Road 876 and travel into the St. Francis Sunken Lands Wildlife Management Area. Travel to the first gate. From this point the natural area is approximately 2.3 miles to the south. Access is dependent on road conditions. Contact the Arkansas Game and Fish Commission (Delta Field Office) for information on road conditions.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity of bottomland hardwood forest communities characteristic of the St. Francis River Basin and to protect a portion of largest known population of federally endangered pondberry. The management plan was updated and approved by the commission on 5/2/2013.

Stewardship Activities:

ANHC staff monitored the easement and cut back vegetation from around the entrance sign.

Date of Last Visit: 6/21/2013

Status:

Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex muskingumensis</i>	palm sedge	Plant
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	Animal
<i>Lindera melissifolia</i>	pondberry	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
St. Francis 1 (Portis)	Conservation easement (private landowner holds fee title)	\$61,700.00	\$61,700.00	10/1/2009	U.S. Fish and Wildlife Service Grant

Stateline Sand Ponds Natural Area

County Name: Clay

Size (in acres): 140

Latitude: 36.49788

Longitude: -90.61163

Description:

Stateline Sand Ponds Natural Area, located in the Mississippi Alluvial Plain, is a wooded tract composed of a mix of forest types set within an almost completely cleared agricultural landscape. The natural area includes ancient sand dune/pond complexes, floodplains, terraces, and associated landforms of the Pleistocene Mississippi River and present day Black and Little Black Rivers. It represents one of the last remaining areas of habitat for the federally endangered pondberry in this corner of the state and is a portion of a larger 1,500-acre conservation site that extends south and west into Arkansas and north and east into Missouri.

Access:

From the center of Corning take U.S. Highway 67 north approximately 2.8 miles to its junction with State Highway 328, turn left (west) onto State Highway 328. Go 1 mile, turn right (north) on County Road 143; go 2.5 miles north.

Management Plan:

The conservation vision is to protect, restore, and maintain the ecological diversity characteristic of sand pond communities in the Mississippi Alluvial Plain and to protect a population of the federally endangered shrub pondberry. The management plan was updated and approved by the commission on 2/2/2010.

Stewardship Activities:

ANHC staff maintained the entrance sign and boundaries, removed trash, and treated invasive species.

Date of Last Visit: 8/10/2012

Status:

Woody vegetation and invasive species were reduced on a portion of the area. Field assessments noted the persistence of heavy fuel loads.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Ambystoma talpoideum</i>	mole salamander	Animal
<i>Blephilia hirsuta</i>	hairy wood mint	Plant
<i>Leitneria floridana</i>	corkwood	Plant
<i>Lindera melissifolia</i>	pondberry	Plant
<i>Platanthera flava</i>	rein orchid	Plant
<i>Platanthera peramoena</i>	purple fringeless orchid	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Stateline 1	Fee title	\$208,000.00	\$190,000.00	12/1/1994	Natural and Cultural Resources Council

Stone Road Glade Natural Area

County Name: Howard

Size (in acres): 108.23

Latitude: 34.07987

Longitude: -93.90398

Description:

Stone Road Glade Natural Area contains one of the least disturbed and highest quality limestone glades remaining in the Coastal Plain of Arkansas. This community type is unusual for this part of the state and contains a diverse assemblage of wildflowers throughout the growing season. Ecologically, the natural area is a mix of limestone glades, blackland prairie, woodland, and riparian forest communities.

Access:

From the town of Center Point (northwest of Nashville) go east on State Highway 26 to State Highway 369. Go north on State Highway 369 for 4 miles. Cross Railroad tracks. Take first left after tracks. Cross bridge, and another set of tracks. Continue until reaching a "T" in the road. The natural area lies across the road at this "T." Caution: Public access may be restricted from time to time by a neighboring landowner's locked gate.

Management Plan:

The conservation vision is to protect, restore, and maintain the mosaic of plant communities and associated ecological diversity characteristic of limestone glades, blackland prairie, woodland and forests of the Coastal Plain in Arkansas. The management plan was updated and approved by the commission on 5/2/2013.

Stewardship Activities:

ANHSC staff maintained boundaries and entrance sign, and treated invasive species. A contractor executed a prescribed burn on 108 acres.

Date of Last Visit: 6/25/2013

Status:

Invasive plant species were reduced. Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Allium drummondii</i>	Drummond's wild onion	Plant
<i>Plantago rhodosperma</i>	red-seed plantain	Plant
<i>Speyeria diana</i>	Diana Fritillary	Animal
<i>Tetraopes quinque maculatus</i>	a red milkweed beetle	Animal
West Gulf Coastal Plain Northern Calcareous Prairie		Natural Community

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Stone Road 1	Fee title	\$99,000.00	\$20,833.00	4/9/1990	Natural and Cultural Resources Council

Striplin Woods Natural Area

County Name: Arkansas

Size (in acres): 30.0139861

Latitude: 34.36948

Longitude: -91.12404

Description:

A forest long protected from human disturbance, Striplin Woods Natural Area displays considerable diversity over an elevational gradient extending from elevated river terrace down to the margin of the White River. Overcup oak forest occupies much of the floodplain that constitutes most of the tract. Water hickory, willow oak, and honey locust are the major associate species. A steep slope above the floodplain supports species more typical of upland forests. The canopy is high, and many of the trees exceed 24 inches in diameter. Located in the Mississippi Alluvial Plain of eastern Arkansas, Striplin Woods represents a small portion of the once extensive hardwood forests that occurred across this part of the state. With clearing for agriculture, much of this habitat type has been lost. Striplin Woods is a part of the White River National Wildlife Refuge and is co-managed with the U.S. Fish and Wildlife Service (USFWS).

Access:

From St. Charles, travel east on State Highway 1 towards the White River. Turn right (south) onto South CC Camp Road which leads to the White River Refuge Visitor Center. Park at the visitor center. The natural area is located behind (east of) the visitor center.

Management Plan:

The conservation vision is to work in conjunction with the USFWS to protect and maintain the ecological diversity of bottomland and upland forest communities along the lower White River in the Mississippi Alluvial Plain of eastern Arkansas. The management plan was updated and approved by the commission on 4/30/2012.

Stewardship Activities:

USFWS White River Refuge staff conducted day-to-day management activities. Refuge staff, ANHC staff, and Youth Conservation Corps workers installed water bars and maintained a shared trail system that links the WRNWR visitor center to the natural area. ANHC staff also completed an easement monitoring report.

Date of Last Visit: 6/4/2013

Status:

A portion of the trail was repaired. Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	Animals
Mississippi River Low Floodplain (Bottomland) Forest		Natural Community

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Striplin 1	Conservation easement (U.S. Fish and Wildlife Service holds fee title)	\$0.00	\$0.00	12/18/1979	Gift

Sweden Creek Falls Natural Area

County Name: Madison

Size (in acres): 136.2

Latitude: 35.96919

Longitude: -93.45301

Description:

Sweden Creek Falls Natural Area, located in the Boston Mountains of the Ozarks, supports a mix of glades, dry woodlands, dry-mesic woodlands, bluffs, and mesic hardwood forests. The terrain is dissected, with pine-oak woodlands on the dry upper west-facing slopes, and an oak-dominated forest on the lower west and east-facing slopes. Seasonally wet sandstone glades found along the blufftop are home to the rare small-headed pipewort. An 80-foot waterfall maintains moist conditions on a talus slope that supports a diverse fern community.

Access:

From the town of Boxley take State Highway 21 north. At 4.0 miles turn left (south) onto a dirt road and proceed 3.0 miles to a gate on the right. The road is closed to vehicle access. Visitors can park along or across the road and walk into the property.

Management Plan:

The conservation vision is to protect, restore, and maintain the ecological diversity of plant communities, including glades, woodlands, and riparian forests, characteristic of the Boston Mountains Ecoregion of the Ozark Mountains along Sweden Creek. The management plan was updated and approved by the commission on 5/10/2011.

Stewardship Activities:

ANHC staff maintained the trail and boundaries, removed trash, and periodically monitored for signs of artifact poaching.

Date of Last Visit: 6/5/2013

Status:

Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Asplenium pinnatifidum</i>	lobed spleenwort	Plant
<i>Eriocaulon koernickianum</i>	small-head pipewort	Plant
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	Plant
<i>Lithobates sylvaticus</i>	wood frog	Animal
Ozark-Ouachita Dry-Mesic Oak Forest		Natural Community

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Sweden Creek 1	Fee title	\$10,500.00	\$10,000.00	6/29/1977	State General Improvement Fund
Sweden Creek 2	Fee title	\$89,000.00	\$84,885.00	5/12/2000	Natural and Cultural Resources Council

Swifton Sand Ponds Natural Area

County Name: Jackson

Size (in acres): 60

Latitude: 35.858

Longitude: -91.0999

Description:

Swifton Sand Ponds Natural Area, located in the Mississippi Alluvial Plain, protects intact examples of rare sand pond habitat. These natural ponds occur between Pleistocene-aged sand dunes and provide habitat for pondberry, a federally-listed endangered shrub that continues to decline due to ongoing habitat loss. The natural area consists of a mostly wooded tract set within a largely cleared agricultural landscape. It contains the only protected examples of sand pond habitat in this part of the state. This rare habitat is continuing to be lost as the Pleistocene dune fields are leveled and filled.

Access:

From Swifton travel northeast on U.S. Highway 67 approximately 2 miles to Jackson County Road 73. Turn right (east) on County Road 73 and travel 0.3 mile. The natural area is located south of the road.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity characteristic of sand pond communities in the Mississippi Alluvial Plain and to protect a population of the federally endangered shrub pondberry. The management plan was updated and approved by the commission on 4/30/2012.

Stewardship Activities:

ANHC staff maintained the entrance sign and boundaries, removed trash, and replaced an 1/8 Cent Conservation Sales Tax sign.

Date of Last Visit: 5/7/2013

Status:

Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Lindera melissifolia</i>	pondberry	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Swifton 1 (Harvey)	Conservation easement (private landowner holds fee title)	\$34,257.00	\$34,257.00	10/3/2008	U.S. Fish and Wildlife Service Grant

Taylor Woodlands Natural Area

County Name: Jefferson

Size (in acres): 137

Latitude: 34.19597

Longitude: -91.97174

Description:

Taylor Woodlands Natural Area is characterized by the closed canopy, relatively open interior, and poor drainage representative of the bottomland hardwood forests that were once widespread across the Mississippi Alluvial Plain. The dominant tree species of the wetter areas of the natural area include bald-cypress, black willow, red maple, and water locust. Drier sites contain pecan, water hickory, and sugarberry trees.

Access:

From Interstate 530 at Pine Bluff, take U.S. Highway 65B east 0.2 mile to 38th Street (Phillips Road). Turn right, and travel approximately 0.8 mile south. Turn left (east) on the farm road. The natural area is within the wooded area to the north.

Management Plan:

The conservation vision is to protect and maintain a remnant of an Arkansas River back swamp and associated bottomland hardwood forest in the Mississippi Alluvial Plain. The management plan was updated and approved by the commission on 5/10/2011.

Stewardship Activities:

ANHC staff performed routine grounds maintenance and maintained the trail to the monument.

Date of Last Visit: 4/16/2013

Status:

Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
None Recorded		

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Taylor 1	Fee title	\$97,200.00	\$0.00	11/30/1977	Gift

Terre Noire Natural Area

County Name: Clark

Size (in acres): 493.04

Latitude: 34.08696

Longitude: -93.17322

Description:

Terre Noire Natural Area, located in the Coastal Plain, is one of the highest-quality blackland prairie and woodland complexes remaining in the state. The site is a mosaic of native herbaceous and woody vegetation that includes high-quality prairie as well as prairie in various stages of restoration. It also includes wooded areas that illustrate the forest and woodland matrix within which the prairie openings existed in southwestern Arkansas. The site is home to a number of rare plant and animal species. The Nature Conservancy (TNC) shares ownership on portions of the area.

Access:

From Arkadelphia, travel west 4.8 miles on State Highway 26/51. At split, travel south on State Highway 51 for 0.5 mile to natural area on left (south) side of road.

Management Plan:

The conservation vision is to work with TNC to protect, restore, and maintain the mosaic of blackland prairie, woodland and forest communities and associated ecological diversity characteristic of the Coastal Plain of Arkansas. The management plan was updated and approved by the commission on 5/2/2013.

Stewardship Activities:

ANHC staff removed old tires for recycling, conducted general plant inventories, monitored rare plant species, treated invasive species, and maintained the boundaries. Staff also led a field trip for members of the Arkansas Native Plant Society. A contractor executed a prescribed burn on 235 acres.

Date of Last Visit: 6/24/2013

Status:

Five new species were documented and inventory work increased the plant list. Field assessments noted the need for cedar removal, ecological thinning, and fescue treatment. Restoration improved the quality of natural communities and tracked species.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Amblyscirtes belli</i>	Bell's Roadside-Skipper	Animal
<i>Astragalus crassicaarpus</i> var. <i>Crassicaarpus</i>	purple ground-plum	Plant
<i>Atrytonopsis hianna</i>	Dusted Skipper	Animal
<i>Beameria venosa</i>	A concealed-tymbal Cicada	Animal
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	Plant
<i>Enodia creola</i>	Creole Pearly-Eye	Animal
<i>Liatris squarrosa</i> var. <i>squarrosa</i>	hairy scaly blazing-star	Plant
<i>Lithospermum incisum</i>	fringed puccoon	Plant
<i>Lithospermum tuberosum</i>	tuberous puccoon	Plant
<i>Microstylum morosum</i>	giant prairie robber fly	Animal
<i>Minuartia drummondii</i>	Drummond's sandwort	Plant
<i>Nemastylis geminiflora</i>	celestial-lily	Plant
<i>Problema byssus</i>	Byssus Skipper	Animal
<i>Pyrrhopappus pauciflorus</i>	few-flower false dandelion	Plant
<i>Scleria verticillata</i>	whorled nut-rush	Plant
<i>Speyeria diana</i>	Diana Fritillary	Animal
<i>Spiranthes magnicamporum</i>	great plains ladies'-tresses	Plant
<i>Spiranthes praecox</i>	giant ladies'-tresses	Plant
<i>Stenosiphon linifolius</i>	false gaura	Plant
<i>Tetraloniella albata</i>	white long-horned bee	Animal
West Gulf Coastal Plain Northern Calcareous Prairie		Natural Community

Acquisition Summary:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Terre Noire 1	ANHC has a 66% undivided interest and The Nature Conservancy has a 34% undivided interest in fee title	\$76,000.00	\$50,000.00	10/2/1991	Natural and Cultural Resources Council
Terre Noire 2	Fee title	\$103,000.00	\$103,000.00	6/23/2003	Natural and Cultural Resources Council, Land Water Conservation Fund
Terre Noire 3	Fee title	\$20,000.00	\$20,000.00	6/23/2003	Natural and Cultural Resources Council, Land Water Conservation Fund
Terre Noire 4	Fee title	\$243,000.00	\$243,000.00	10/10/2007	Natural and Cultural Resources Council, Land Water Conservation Fund
Terre Noire 5	Fee title	\$105,000.00	\$102,000.00	4/17/2009	Natural and Cultural Resources Council, 1/8 Cent Conservation Tax

Warren Prairie Natural Area

County Name: Bradley, Drew

Size (in acres): 4,615.56

Latitude: 33.57956

Longitude: -91.98643

Description:

Warren Prairie Natural Area, located in the Coastal Plain, consists of a mosaic of salt slicks, saline barrens, Delta post oak flatwoods, mound woodlands, pine flatwoods and woodlands, and bottomland hardwood forest communities. Soils at the site containing naturally high amounts of sodium and magnesium salts account for the sparse and irregular distribution of trees and the resultant dominance of grasses and other herbaceous vegetation in the barrens and associated woodlands. Stands of dwarf palmetto are distributed irregularly and lend a tropical aspect to the area. The natural area provides critical habitat for the state's largest population of the federally threatened plant, *Geocarpon minimum*. A breeding population of the federally endangered Red-cockaded Woodpecker was reestablished between 2011 and 2012 through translocations from donor populations in Arkansas and Louisiana. The Nature Conservancy (TNC) owns fee title to a 40-acre parcel surrounded by the natural area and a divided interest in 606 acres.

Access:

From Warren, take U.S. Highway 278 East approximately 4.5 miles, across the Saline River, to the junction of State Highway 172. Turn right (south) and proceed 2.0 miles to parking lot and sign on left (east).

Management Plan:

The conservation vision is to protect, restore, and maintain the ecological diversity of Coastal Plain plant communities including post oak flatwoods, mound woodlands, saline marsh, and barrens that support federally threatened and endangered species. The management plan was updated and approved by the commission on 5/10/2011.

Stewardship Activities:

ANHC staff participated with TNC staff on a cooperative burn of 100 acres, conducted geocarpon monitoring and initiated a geocarpon habitat manipulation study. Staff conducted plant inventories and plant community monitoring and also gave tours to staff from the Arkansas Game and Fish Commission, United States Fish and Wildlife Service, Wild Turkey Federation, University of Arkansas Monticello and Connecticut Audubon. A contractor executed a prescribed burn on 250 acres and gave a tour of restoration activities to Sierra Club members. ANHC staff conducted maintenance on RCW cavity trees, monitored active nests, and participated with others in the translocation of four pairs of RCWs. A contractor also planted over 32,000 short leaf pine seedlings and another contractor utilized a forestry grinder to control understory vegetation.

Date of Last Visit: 6/20/2013

Status:

The population of RCWs increased with additional releases and continued habitat restoration. Inventory work added species to the plant list, and new geocarpon locations. Two new tracked species were documented. Field assessments noted feral hog damage.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Ammodramus henslowii</i>	Henslow's Sparrow	Animal
<i>Anthenantia texana</i>	Kral's silkyscale	Plant
<i>Callitriche nuttallii</i>		Plant
<i>Cladium jamaicense</i>	saw-grass	Plant
<i>Crassula aquatica</i>	water pygmyweed	Plant
<i>Crocanthemum rosmarinifolium</i>	rosemary rock-rose	Plant
<i>Dichanthelium dichotomum ssp. roanokense</i>	Roanoke rosette grass	Plant
<i>Dryopteris ludoviciana</i>	southern wood fern	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Evolvulus sericeus</i>	silver dwarf morning-glory	Plant
<i>Geocarpon minimum</i>	geocarpon	Plant
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	Plant
<i>Krigia occidentalis</i>	western dwarf-dandelion	Plant
<i>Leersia hexandra</i>	southern cut grass	Plant
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	Animal
<i>Picoides borealis</i>	Red-cockaded Woodpecker	Animal
<i>Prenanthes barbata</i>	barbed rattlesnake-root	Plant
<i>Regina rigida sinicola</i>	gulf crayfish snake	Animal
<i>Rhynchospora colorata</i>	white-top sedge	Plant
<i>Rhynchospora globularis var. globularis</i>	globe beaksedge	Plant

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Schoenolirion wrightii</i>	Texas sunnybell	Plant
South Central Saline Glade		Natural Community
<i>Speyeria diana</i>	Diana Fritillary	Animal
<i>Spiranthes lacera var. lacera</i>	northern slender ladies'-tresses	Plants
<i>Sporobolus junceus</i>	pineywoods dropseed	Plant
<i>Symphotrichum pratense</i>	barrens silky aster	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Warren Prairie 1 (Potlatch)	Fee title	\$217,000.00	\$119,835.19	1/11/1983	State General Improvement Fund, Federal Fund Balances
Warren Prairie 2 (GP)	Fee title	\$207,355.00	\$207,250.00	1/9/1991	Natural and Cultural Resources Council
Warren Prairie 3 (Potlatch)	Fee title	\$12,744.00	\$7,060.00	2/6/1992	Natural and Cultural Resources Council, Land Trade (2.53 acres valued at \$5,060.00)
Warren Prairie 4 (GP)	Fee title	\$303,991.61	\$304,000.00	8/23/1994	Natural and Cultural Resources Council
Warren Prairie 5 (GP)	Fee title	\$203,809.19	\$212,000.00	10/12/1995	Natural and Cultural Resources Council
Warren Prairie 6 (Owens)	Fee title	\$14,800.00	\$14,700.00	9/13/2001	Natural and Cultural Resources Council
Warren Prairie 7 (Potlatch)	Conservation easement (The Nature Conservancy holds fee title)	\$133,000.00	\$133,000.00	8/9/2003	Natural and Cultural Resources Council, 1/8 Cent Conservation Tax
Warren Prairie 8 (Potlatch)	Fee title and conservation easement (The Nature Conservancy holds fee title)	\$206,000.00	\$206,000.00	12/7/2004	U.S. Fish and Wildlife Service Grant
Warren Prairie 9 (Plum Creek 1&2)	Fee title	\$480,600.00	\$480,600.00	1/6/2005	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grants, Land Water Conservation Fund
Warren Prairie 10 (Searcy)	Fee title	\$74,600.00	\$74,600.00	5/15/2006	U.S. Fish and Wildlife Service Grant
Warren Prairie 11 (Deltic)	Fee title	\$146,000.00	\$146,000.00	7/3/2007	U.S. Fish and Wildlife Service Grant, Natural and Cultural Resources Council, Land Water Conservation Fund
Warren Prairie 12 (Plum Creek)	Fee title	\$3,002,475.00	\$3,000,601.41	4/30/2010	1/8 Cent Conservation Tax, Natural and Cultural Resources Council, U.S. Forest Service Grant
Warren Prairie 13 (Plum Creek)	Fee title	\$206,625.00	\$205,750.94	10/26/2010	U.S. Forest Service Grant
Warren Prairie 14 (Plum Creek)	Fee title	\$249,375.00	\$249,375.00	3/16/2011	Natural and Cultural Resources Council
Warren Prairie 15 (Cuthbertson)	Conservation easement (The Nature Conservancy holds fee title)	\$46,000.00	\$46,000.00	10/12/2011	Natural and Cultural Resources Council

White Cliffs Natural Area

County Name: Little River

Size (in acres): 573

Latitude: 33.76603

Longitude: -94.05902

Description:

White Cliffs Natural Area, located in the Coastal Plain, occurs on a large outcrop of Annona Chalk, rising out of the Little River floodplain (now Millwood Lake) and includes a 100-foot high chalk bluff over the Little River, from which the area derives its name. A continuum of plant communities reflects a range of elevations at the site from the floodplain to the ridgetop. The area includes the largest, and least disturbed, Arkansas occurrences of chalk woodland. This community type is unusual for Arkansas as it is more typical of vegetation found on the Edwards Plateau of Texas. The area is also of historic significance as the site of a late 19th century settlement. The crumbling remains of foundations mark the locations of several structures.

Access:

From Brownstown, travel approximately 3.5 miles south on State Highway 317 to parking area on the right.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity of an extensive Coastal Plain Annona Chalk outcrop and its plant communities, which range from bottomland hardwood forest to blackland woodland, savanna, prairie, and glade. The management plan was updated and approved by the commission on 5/10/2011.

Stewardship Activities:

ANHC staff maintained the trail, parking area, and boundaries. Staff also conducted plant inventories.

Date of Last Visit: 6/7/2013

Status:

Inventory work added species to the plant list and documented two new tracked plant species. Field assessments noted the need for removal of invasive plants.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Allium drummondii</i>	Drummond's wild onion	Plant
<i>Astragalus crassicaepus</i> var. <i>Crassicaepus</i>	purple ground-plum	Plant
<i>Astragalus nuttallianus</i> var. <i>nuttallianus</i>	Nuttall's milk-vetch	Plant
<i>Carex comosa</i>	bottle-brush sedge	Plant
<i>Cooperia drummondii</i>	rain-lily	Plant
<i>Delphinium carolinianum</i> ssp. <i>virescens</i>	plains larkspur	Plant
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	Plant
<i>Glandularia bipinnatifida</i> var. <i>bipinnatifida</i>	Dakota vervain	Plant
<i>Haliaeetus leucocephalus</i>	Bald Eagle	Animal
<i>Hexalectris spicata</i> var. <i>spicata</i>	crested-coralroot	Plant
<i>Indigofera miniata</i>	scarlet-pea	Plant
<i>Juniperus ashei</i> Dry Chalk Outcrop Woodland		Natural Community
<i>Liatris squarrosa</i> var. <i>squarrosa</i>	hairy scaly blazing-star	Plant
<i>Malvastrum hispidum</i>	yellow false mallow	Plant
<i>Nemastylis geminiflora</i>	celestial-lily	Plant
<i>Oenothera spachiana</i>	Spach's evening-primrose	Plant
<i>Penstemon cobaea</i>	showy beardtongue	Plant
<i>Physalis cinerascens</i> var. <i>cinerascens</i>	small-flower ground-cherry	Plant
<i>Physaria gracilis</i> ssp. <i>gracilis</i>	slender bladderpod	Plant
<i>Plantago rhodosperma</i>	red-seed plantain	Plant
<i>Prenanthes aspera</i>	prairie rattlesnake-root	Plant

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Pyrrhopappus pauciflorus</i>	few-flower false dandelion	Plant
<i>Quercus sinuata</i>	Durand's white oak	Plant
<i>Stachys crenata</i>	shade betony	Plant
<i>Stenosiphon linifolius</i>	false gaura	Plant
<i>Tetraopes quinquemaculatus</i>	a red milkweed beetle	Animal

Acquisition Summary:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
White Cliffs 1	Fee title	\$196,000.00	\$195,700.00	6/8/1989	Natural and Cultural Resources Council, Land and Water Conservation Fund
White Cliffs 2	Fee title	\$30,000.00	\$19,793.40	6/8/1989	Natural and Cultural Resources Council
White Cliffs 3	Fee title	\$60,500.00	\$37,908.60	7/14/1989	Natural and Cultural Resources Council

Wittsburg Natural Area

County Name: Cross

Size (in acres): 167.65

Latitude:

Longitude:

Description:

As a representative example of southern Crowley's Ridge, where Tertiary sands and gravels remain capped with loess, Wittsburg Natural Area preserves a mixed mesophytic forest that contains interesting plant species not represented elsewhere in the System of Natural Areas. For example, the natural distributions in Arkansas of tulip tree and pennywort are limited to Crowley's Ridge and both plant species occur at Wittsburg Natural Area. American beech and sugar maple are common as well. The natural area also includes almost the entire watershed for a small network of intermittent streams. The topography is deeply dissected and the upper slopes are extremely steep.

Access:

There is no public access to this natural area.

Management Plan:

The conservation vision is to protect and maintain the ecological diversity of the distinct flora and geology of the southern portion of Crowley's Ridge, including a native population of tulip tree, which is restricted in Arkansas to Crowley's Ridge. The management plan was updated and approved by the commission on 5/10/2011.

Stewardship Activities:

ANHC staff conducted forest inventory monitoring, maintained the boundaries, and monitored the area for effects from a (former) gravel mining operation on adjacent property.

Date of Last Visit: 6/20/2013

Status:

Field assessments noted that the adjacent gravel mine has been inactive and the related erosion problems have reduced. Inventory work better defined the high quality natural communities present at the site.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex kraliana</i>	Kral's sedge	Plant
Mississippi River Alluvial Plain Dry-Mesic Loess Slope Forest		Natural Community
<i>Obolaria virginica</i>	Virginia pennywort	Plant
Southern Crowley's Ridge Mesic Loess Slope Forest		Natural Community

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Wittsburg 1	Fee title	\$40,000.00	\$40,000.00	5/23/1980	State General Improvement Fund, Land and Water Conservation Fund
Wittsburg 2	Fee title	\$36,000.00	\$42,105.00	7/24/1980	Gift of \$42,150 from Lily Peter of Marvell, Arkansas was used to purchase area

Registry of Natural Areas

Arkansas Code Annotated §15-20-308 directs the Arkansas Natural Heritage Commission (ANHC) to maintain a registry or inventory of lands and waters in the state that are of significant scientific, educational, and/or recreational interest. The first registry items were sites identified as significant for their primeval character; however, the methodologies of the registry have changed over time.

Until October 13, 2000, the registry consisted of more than 50 areas not owned by the ANHC and tracts of land within the System of Natural Areas that had not been officially dedicated in perpetuity. At that time, the commissioners recognized a better way of managing a registry of the state's significant natural sites. They clarified that the Registry of Natural Areas would consist of the list of special species and their locations that is contained in the inventory information maintained by ANHC.

The development of a biological inventory program began in 1978 in partnership with The Nature Conservancy. Known as the "Arkansas Heritage Program," the inventory process is managed by the ANHC Research and Inventory Section. The Arkansas Heritage Program is a member of NatureServe, an international network of State Natural Heritage Programs and Conservation Data Centers. The principal mission of NatureServe members is to gather, organize, and distribute high-quality biodiversity information. To this end, NatureServe members utilize the same data management methodology, enabling standardized information regarding biological diversity to be shared across state and international boundaries.



White-leaved Leather-flower
(*Clematis glaucophylla*)

For this annual report, the information is summarized in the form of county-by-county listings of inventory information and a county map. A legend is also provided which includes explanations for federal and state status codes and global and state ranks. Federal status codes represent designations by the U.S. Fish and Wildlife Service under the Endangered Species Act. State status codes comprise administrative designations by the ANHC to describe species status within Arkansas. Global and state ranks provide information as to the relative rarity and endangerment of a species throughout its range. Global ranks address the rarity of a species throughout its entire range. The state rank refers to the "in-state" range of a species. State ranks for species and natural communities are not static and require regular evaluation by ANHC staff.

Searches for rare species (in the field and in libraries, herbaria, the Internet, etc.) may reveal a conservation status change is necessary. As new information becomes available, rare species and natural communities may be added to (or eliminated from) the biodiversity database, and included (or no longer listed) as the commission's "Inventory Research Program" for each county.

Arkansas Counties



Alphabetical List of Arkansas Counties

County Name	Page No.	County Name	Page No.
Arkansas	1-1	Lee	1-71
Ashley	1-3	Lincoln	1-72
Baxter	1-5	Little River	1-73
Benton	1-7	Logan	1-75
Boone	1-10	Lonoke	1-77
Bradley	1-12	Madison	1-78
Calhoun	1-14	Marion	1-80
Carroll	1-16	Miller	1-83
Chicot	1-18	Mississippi	1-86
Clark	1-19	Monroe	1-87
Clay	1-22	Montgomery	1-88
Cleburne	1-24	Nevada	1-91
Cleveland	1-26	Newton	1-93
Columbia	1-27	Ouachita	1-96
Conway	1-28	Perry	1-98
Craighead	1-30	Phillips	1-100
Crawford	1-31	Pike	1-101
Crittenden	1-33	Poinsett	1-103
Cross	1-34	Polk	1-104
Dallas	1-35	Pope	1-107
Desha	1-36	Prairie	1-109
Drew	1-37	Pulaski	1-111
Faulkner	1-39	Randolph	1-114
Franklin	1-41	Saline	1-116
Fulton	1-44	Scott	1-119
Garland	1-46	Searcy	1-121
Grant	1-49	Sebastian	1-123
Greene	1-50	Sevier	1-125
Hempstead	1-51	Sharp	1-127
Hot Spring	1-54	St. Francis	1-129
Howard	1-56	Stone	1-130
Independence	1-58	Union	1-133
Izard	1-60	Van Buren	1-135
Jackson	1-62	Washington	1-137
Jefferson	1-63	White	1-141
Johnson	1-65	Woodruff	1-142
Lafayette	1-67	Yell	1-143
Lawrence	1-69		

LEGEND

STATUS CODES

FEDERAL STATUS CODES

- C = Candidate species. The U.S. Fish and Wildlife Service has enough scientific information to warrant proposing this species for listing as endangered or threatened under the Endangered Species Act.
- LE = Listed Endangered. The U.S. Fish and Wildlife Service has listed this species as endangered under the Endangered Species Act.
- LT = Listed Threatened. The U.S. Fish and Wildlife Service has listed this species as threatened under the Endangered Species Act.
- PE = Proposed Endangered. The U.S. Fish and Wildlife Service has proposed this species for listing as endangered under the Endangered Species Act.

STATE STATUS CODES

- INV = Inventory Element. The Arkansas Natural Heritage Commission is currently conducting active inventory work on these elements. Available data suggests these elements are of conservation concern. These elements may include outstanding examples of Natural Communities, colonial bird nesting sites, outstanding geologic features as well as plants and animals, which, according to current information, may be rare, peripheral, or of an undetermined status in the state. The ANHC is gathering detailed location information on these elements.
- SE = State Endangered. This term is applied differently for plants and animals.
- Animals – These species are afforded protection under Arkansas Game and Fish Commission (AGFC) Regulation. The AGFC states that it is unlawful to import, transport, sell, purchase, hunt, harass or possess any threatened or endangered species of wildlife or parts. The AGFC lists as endangered any wildlife species or subspecies endangered or threatened with extinction, listed or proposed as a candidate for listing by the U.S. Fish and Wildlife Service, or any native species or subspecies listed as endangered by the Commission.
- Plants – These species have been recognized by the Arkansas Natural Heritage Commission as being in danger of being extirpated from the state. This is an administrative designation with no regulatory authority.
- ST = State Threatened; These species have been recognized by the Arkansas Natural Heritage Commission as being likely to become endangered in Arkansas in the foreseeable future, based on current inventory information. This is an administrative designation with no regulatory authority.

DEFINITION OF RANKS

Global Ranks

- G1 = Critically imperiled globally. At a very high risk of extinction due to extreme rarity (often 5 or fewer populations), very steep declines, or other factors.
- G2 = Imperiled globally. At high risk of extinction due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors.
- G3 = Vulnerable globally. At moderate risk of extinction due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors.
- G4 = Apparently secure globally. Uncommon but not rare; some cause for long-term concern due to declines or other factors.
- G5 = Secure globally. Common, widespread and abundant.
- GH = Of historical occurrence, possibly extinct globally. Missing; known from only historical occurrences, but still some hope of rediscovery.
- GU = Unrankable. Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.
- GX = Presumed extinct globally. Not located despite intensive searches and virtually no likelihood of rediscovery.
- GNR = Not ranked. The global rank has not yet been assessed.
- GNA = Not Applicable. A conservation status rank is not applicable.
- T-RANKS= T subranks are given to global ranks when a subspecies, variety, or race is considered at the state level. The subrank is made up of a "T" plus a number or letter (1, 2, 3, 4, 5, H, U, X) with the same ranking rules as a full species.

State Ranks

S1	=	Critically imperiled in the state due to extreme rarity (often 5 or fewer populations), very steep declines, or other factors making it vulnerable to extirpation.
S2	=	Imperiled in the state due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors making it vulnerable to extirpation.
S3	=	Vulnerable in the state due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors making it vulnerable to extirpation.
S4	=	Apparently secure in the state. Uncommon but not rare; some cause for long-term concern due to declines or other factors.
S5	=	Secure in the state. Common, widespread and abundant.
SH	=	Of historical occurrence, with some possibility of rediscovery. Its presence may not have been verified in the past 20-40 years. A species may be assigned this rank without the 20-40 year delay if the only known occurrences were destroyed or if it had been extensively and unsuccessfully sought.
SU	=	Unrankable. Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.
SX	=	Presumed extirpated from the state. Not located despite intensive searches and virtually no likelihood of rediscovery.
SNR	=	Not ranked. The state rank has not yet been assessed.
SNA	=	Not applicable. A conservation status rank is not applicable.

General Ranking Notes

Q	=	A "Q" in the global rank indicates the element's taxonomic classification as a species is a matter of conjecture among scientists.
RANGES=		Ranges are used to indicate a range of uncertainty about the status of the element.
?	=	A question mark is used to denote an inexact numeric rank.
B	=	Refers to the breeding population of a species in the state.
N	=	Refers to the non-breeding population of a species in the state.

Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Arkansas County

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4G5	S2
<i>Euphyes dukesi</i>	Dukes' Skipper	-	INV	G3	S1S2
<i>Gryllotalpa major</i>	prairie mole cricket	-	INV	G3	S1S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Laphria vorax</i>	a robberfly	-	INV	GNR	S1
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Lirceus louisianae</i>	an isopod	-	INV	GNR	S1
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
Animals-Vertebrates					
<i>Asio flammeus</i>	Short-eared Owl	-	INV	G5	S3N
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Cistothorus platensis</i>	Sedge Wren	-	INV	G5	S1S2B, S4N
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Elanoides forficatus forficatus</i>	Swallow-tailed Kite	-	INV	G5TNR	SNR
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Gallinula galeata</i>	Common Gallinule	-	INV	G5	S1B, S2N
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Lampropeltis triangulum amaura</i>	Louisiana milksnake	-	INV	G5T4	S3
<i>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Moxostoma pisolabrum</i>	pealip redbhorse	-	INV	G5	S2?
<i>Mugil cephalus</i>	striped mullet	-	INV	G5	S1?
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Notropis sabiniae</i>	sabine shiner	-	INV	G4	S2?
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Porphyrio martinicus</i>	Purple Gallinule	-	INV	G5	S1B
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Riparia riparia</i>	Bank Swallow	-	INV	G5	S3B
<i>Scaphirhynchus albus</i>	pallid sturgeon	LE	SE	G2	S1
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B

Arkansas County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S1B, S1S2N
Plants-Vascular					
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G3	S2
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Cuscuta glomerata</i>	rope dodder	-	INV	G5	S1
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eustoma exaltatum</i>	catchfly prairie-gentian	-	INV	G5	S2
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Lilium superbum</i>	Turk's-cap lily	-	INV	G5	S1
<i>Muhlenbergia glabrifloris</i>	inland muhly	-	INV	G4?	S1
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Paspalum boschianum</i>	bull paspalum	-	INV	G5	S1
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Platanthera nivea</i>	snowy orchid	-	SE	G5	SH
<i>Pycnanthemum verticillatum</i>	Whorled Mountain-mint	-	INV	G5	S1
<i>Solidago speciosa var. rigidiuscula</i>	narrow-leaf showy goldenrod	-	INV	G5T4	S2S3
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Sporobolus junceus</i>	pineywoods dropseed	-	ST	G5	S1S2
<i>Thalictrum arkansanum</i>	Arkansas meadow-rue	-	ST	G2Q	S2
Special Elements-Natural Communities					
Lower Mississippi Alluvial Plain Grand Prairie		-	INV	GNR	SNR
Mississippi River Low Floodplain (Bottomland) Forest		-	INV	GNR	SNR
Mississippi River Riparian Forest		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, swallows & swifts		-	INV	GNR	SNR
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Ashley County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	SE	G1	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Uniommerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniommerus tetralasmus</i>	pondhorn	-	INV	G5	S2
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B, S2N
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Coluber constrictor anthicus</i>	buttermilk racer	-	INV	G5T4	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Lampropeltis triangulum amaura</i>	Louisiana milksnake	-	INV	G5T4	S3
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Rallus elegans</i>	King Rail	-	INV	G4	S1B, S3N
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
Plants-Vascular					
<i>Aletris aurea</i>	golden colicroot	-	INV	G5	S1S2
<i>Anthenantia texana</i>	Kral's silkscale	-	INV	G3G4	S3
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Callirhoe papaver</i>	woodland poppy-mallow	-	INV	G5	S1
<i>Callitriche nuttallii</i>		-	INV	G5	S2

Ashley County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G3	S2
<i>Carex glaucescens</i>	southern waxy sedge	-	INV	G4	S1
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Coelorachis rugosa</i>	wrinkled joint-tail	-	INV	G5	S2
<i>Crassula aquatica</i>	water pygmyweed	-	INV	G5	S1S3
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Crocianthemum rosmarinifolium</i>	rosemary rock-rose	-	INV	G4	S1
<i>Cuscuta obtusiflora var. glandulosa</i>	glandular dodder	-	INV	G5T4T5	SU
<i>Didiplis diandra</i>	water-purslane	-	INV	G5	S1S3
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eryngium integrifolium</i>	blue-flower eryngo	-	INV	G5	S2
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Heliopsis gracilis</i>	pinewoods ox-eye	-	INV	G5?	S1
<i>Hypericum apocynifolium</i>	dogbane St. John's-wort	-	INV	GNR	S1S2
<i>Hypericum virgatum</i>	sharp-leaf St. John's-wort	-	INV	G4?	S1
<i>Ilex verticillata</i>	winterberry	-	ST	G5	S2
<i>Krigia occidentalis</i>	western dwarf-dandelion	-	INV	G5	S3
<i>Krigia wrightii</i>	Wright's dwarf-dandelion	-	INV	G3G4	S1
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2
<i>Micranthes virginianensis</i>	early saxifrage	-	INV	G5	S1S2
<i>Mitreola sessilifolia</i>	swamp hornpod	-	INV	G4G5	S2
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Polygala nana</i>	candyroot	-	INV	G5	S2S3
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Quercus hemisphaerica</i>	Darlington's oak	-	INV	G5	S1S2
<i>Schoenolirion wrightii</i>	Texas sunnybell	-	ST	G3	S2S3
<i>Seymeria cassioides</i>	yaupon black-senna	-	INV	G5	S1
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Sporobolus pyramidatus</i>	whorled dropseed	-	ST	G5	S2
<i>Stylisma aquatica</i>	water dawnflower	-	INV	G4	S1S2

Special Elements-Natural Communities

Lower Mississippi Alluvial Plain Grand Prairie	-	INV	GNR	SNR
Lowland Pine-Oak Forest	-	INV	GNR	S1
South Central Saline Glade	-	INV	GNR	SNR
West Gulf Coastal Plain Large River Floodplain Forest	-	INV	GNR	SNR
West Gulf Coastal Plain Lowland Sand Prairie	-	INV	GNR	SNR
West Gulf Coastal Plain Mesic Hardwood Forest	-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Baxter County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Amblyscirtes aesculapius</i>	Lace-winged Roadside-Skipper	-	INV	G3G4	S1S3
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S2
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Epioblasma triquetra</i>	snuffbox	LE	SE	G3	S1
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Heterosternuta sulphuria</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Orconectes neglectus chaenodactylus</i>	gap ringed crayfish	-	INV	G5T3	S3
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Somatogyryus crassilabris</i>	thickclipped pebblesnail	-	INV	GX	SX
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Cryptobranchus alleganiensis bishopi</i>	Ozark hellbender	LE	SE	G3G4T2Q	S2
<i>Cyprinella camura</i>	bluntnose shiner	-	INV	G5	SH
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4	S3S4
<i>Etheostoma autumnale</i>	autumn darter	-	INV	G4	S2
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Moxostoma anisurum</i>	silver redhorse	-	INV	G5	S1?
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G1G3	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Typhlichthys subterraneus</i>	southern cavefish	-	INV	G4	S1
Plants-Vascular					
<i>Abutilon fruticosum</i>	Texas Indian-mallow	-	INV	G4G5	S1
<i>Acalypha deamii</i>	Deam's copperleaf	-	INV	G4?	S1
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Carex arkansana</i>	Arkansas sedge	-	INV	G4	S1
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex davisii</i>	Davis' sedge	-	INV	G4	S3
<i>Carex gracilescens</i>	slender wood sedge	-	INV	G5?	S2
<i>Carex gracillima</i>	graceful sedge	-	INV	G5	S1
<i>Carex gravida</i>	heavy sedge	-	INV	G5	S2S3
<i>Carex hirtifolia</i>	hairy sedge	-	INV	G5	S3
<i>Carex hitchcockiana</i>	Hitchcock's sedge	-	INV	G5	S1S2
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Carex suberecta</i>	prairie straw sedge	-	INV	G4	S2

Baxter County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex timida</i>	timid sedge	-	INV	G2G4	S2S3
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Cheilanthes eatonii</i>	Eaton's lip fern	-	INV	G5?	S1
<i>Coreopsis grandiflora var. saxicola</i>	large-flower tickseed	-	INV	G5T4?	S3
<i>Cypripedium reginae</i>	showy lady's-slipper	-	SE	G4	S1
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Dryopteris celsa</i>	log fern	-	INV	G4	S2
<i>Dryopteris goldiana</i>	Goldie's wood fern	-	INV	G4G5	S1
<i>Dryopteris x australis</i>	Dixie wood fern	-	INV	GNA	S1
<i>Dryopteris x leedsii</i>	Leed's wood fern	-	INV	GNA	S1
<i>Echinacea paradoxa var. paradoxa</i>	yellow coneflower	-	ST	G2T2	S2
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Elymus riparius</i>	river-bank wild rye	-	INV	G5	S1S2
<i>Euonymus obovatus</i>	running strawberry-bush	-	INV	G5	S3
<i>Gillenia trifoliata</i>	Bowman's-root	-	INV	G4G5	S1
<i>Hexalectris spicata var. spicata</i>	crested-coralroot	-	INV	G5T4T5	S2
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Huperzia lucidula</i>	shining fir-moss	-	INV	G5	S2S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Liatris punctata var. mucronata</i>	dotted gayfeather	-	INV	G5T5	S2
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Mentha arvensis</i>	wild mint	-	INV	G5	S1
<i>Mentzelia oligosperma</i>	stick-leaf	-	INV	G4	S1
<i>Mimulus ringens var. ringens</i>	Allegheny monkey-flower	-	INV	G5T5	S1S2
<i>Mitella diphylla</i>	miterwort	-	INV	G5	S2
<i>Pedimelum esculentum</i>	large Indian-breadroot	-	INV	G5	S2
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Phacelia gilioides</i>	Brand's scorpion-weed	-	INV	G5	S2S3
<i>Plantago cordata</i>	heart-leaf plantain	-	ST	G4	S2
<i>Ranunculus aquatilis var. diffusus</i>	white water crowfoot	-	INV	G5T5	S2S3
<i>Rhynchospora capillacea</i>	capillary beaksedge	-	INV	G4	S2
<i>Schoenoplectus acutus var. acutus</i>	hard-stem bulrush	-	INV	G5T5	S1
<i>Scutellaria bushii</i>	Bush's skullcap	-	ST	G3	S2
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Solidago gattingeri</i>	Gattinger's goldenrod	-	INV	G3?Q	S1
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	-	INV	G5	S1S2
<i>Spiranthes lucida</i>	shining ladies'-tresses	-	INV	G5	S2
<i>Stenosiphon linifolius</i>	false gaura	-	ST	G5	S1
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Thalictrum dioicum</i>	early meadow-rue	-	INV	G5	S1
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Veratrum woodii</i>	Wood's false hellebore	-	INV	G5	S3
<i>Viola canadensis var. canadensis</i>	Canadian white violet	-	INV	G5T5	S2
<i>Vitis rupestris</i>	sand grape	-	INV	G3	S3
<i>Zannichellia palustris</i>	horned-pondweed	-	INV	G5	S2S3
Special Elements-Natural Communities					
Central Interior Highlands Calcareous Glade and Barrens		-	INV	GNR	SNR
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Benton County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S2
<i>Caecidotea steevesi</i>	an isopod	-	INV	G3G4	S1
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Cambarus aculabrum</i>	Benton County cave crayfish	LE	SE	G1	S1
<i>Cambarus setosus</i>	bristly cave crayfish	-	INV	G3	S1
<i>Crosbyella roeweri</i>	a cave obligate harvestman	-	INV	G1G2	S1
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Gryllotalpa major</i>	prairie mole cricket	-	INV	G3	S1S2
<i>Hesperia meskei</i>	Meske's Skipper	-	INV	G3G4	S1S2
<i>Hesperocheilus occidentalis</i>	a pseudoscorpion	-	INV	G5	S1
<i>Heterosternuta sulphuria</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lampsilis rafinesqueana</i>	Neosho mucket	LE	SE	G2	S1
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligidium elrodii</i>	an isopod	-	INV	G4G5	S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Nicrophorus americanus</i>	American burying beetle	LE	SE	G2G3	S1
<i>Orconectes meeki brevis</i>	Meek's short pointed crayfish	-	INV	G4T3	S2
<i>Orconectes nana</i>	midget crayfish	-	INV	G3	S3
<i>Orconectes williamsi</i>	Williams crayfish	-	INV	G3	S1
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Speyeria idalia</i>	Regal Fritillary	-	INV	G3	S1
<i>Stygobromus onondagaensis</i>	an amphipod	-	INV	G3	S1?
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S2
<i>Trigenotyia parca</i>	a cave obligate millipede	-	INV	G1G2	S1
<i>Venustaconcha ellipsiformis</i>	ellipse	-	INV	G4	S1
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Amblyopsis rosae</i>	Ozark cavefish	LT	SE	G3	S1
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	S3
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B, S2N
<i>Cistothorus platensis</i>	Sedge Wren	-	INV	G5	S1S2B, S4N
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Empidonax traillii</i>	Willow Flycatcher	-	INV	G5	S1B
<i>Etheostoma cragini</i>	Arkansas darter	C	SE	G3G4	S1
<i>Etheostoma microperca</i>	least darter	-	INV	G5	S1
<i>Etheostoma mihileze</i>	sunburst darter	-	INV	G4	S3
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Eurycea tynerensis</i>	Oklahoma salamander	-	INV	G3	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N

Benton County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Lepus californicus</i>	black-tailed jackrabbit	-	INV	G5	S1S2
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Nocomis asper</i>	redspot chub	-	INV	G4	S2?
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Plestiodon obsoletus</i>	Great Plains skink	-	INV	G5	S1
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Reithrodontomys montanus</i>	plains harvest mouse	-	INV	G5	S1
<i>Sonora semiannulata</i>	groundsnake	-	INV	G5	SNR
<i>Sorex longirostris</i>	southeastern shrew	-	INV	G5	S2
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S1B, S1S2N

Plants-Vascular

<i>Acer saccharum var. nigrum</i>	black maple	-	INV	G5T5	S1S2
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Androsace occidentalis</i>	rock-jasmine	-	INV	G5	S1
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Artemisia ludoviciana ssp. mexicana</i>	white sagebrush	-	INV	G5T5?	S1S2
<i>Asclepias incarnata ssp. incarnata</i>	swamp milkweed	-	INV	G5T5	S2
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Asplenium x kentuckiense</i>	Kentucky spleenwort	-	INV	GNA	SH
<i>Bromus nottowayanus</i>	satin brome	-	INV	G3G5	S2
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G3	S2
<i>Camassia angusta</i>	prairie wild hyacinth	-	INV	G5?Q	S2S3
<i>Carex aggregata</i>	cluster sedge	-	INV	G5	S1
<i>Carex bicknellii</i>	Bicknell's sedge	-	INV	G5	S1
<i>Carex buxbaumii</i>	brown bog sedge	-	INV	G5	S1
<i>Carex conjuncta</i>	soft fox sedge	-	INV	G4G5	S1
<i>Carex conoidea</i>	open-field sedge	-	INV	G5	S1
<i>Carex davisii</i>	Davis' sedge	-	INV	G4	S3
<i>Carex gracilescens</i>	slender wood sedge	-	INV	G5?	S2
<i>Carex gravida</i>	heavy sedge	-	INV	G5	S2S3
<i>Carex hirtifolia</i>	hairy sedge	-	INV	G5	S3
<i>Carex hitchcockiana</i>	Hitchcock's sedge	-	INV	G5	S1S2
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Carex pellita</i>	woolly sedge	-	INV	G5	S1S2
<i>Carex prasina</i>	drooping sedge	-	INV	G4	SH
<i>Carex scoparia var. scoparia</i>	pointed broom sedge	-	INV	G5T5	S1S2
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Collinsia verna</i>	blue-eyed Mary	-	INV	G5	S1
<i>Crataegus coccinioides</i>	Kansas hawthorn	-	INV	G4?	SH
<i>Cuscuta glomerata</i>	rope dodder	-	INV	G5	S1
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Desmodium illinoense</i>	Illinois tick-trefoil	-	INV	G5	S2

Benton County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Dirca decipiens</i>	Ozark leatherwood	-	INV	G1G2	S1?
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Elymus glaucus ssp. mackenzii</i>	Mackenzie's blue wild rye	-	INV	G5TNR	S1
<i>Elymus virginicus var. intermedius</i>	intermediate wild rye	-	INV	G5TNR	S1
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Erysimum capitatum var. capitatum</i>	western wallflower	-	INV	G5T5	S2
<i>Eurybia macrophylla</i>	big-leaf aster	-	INV	G5	SH
<i>Gentiana alba</i>	pale gentian	-	INV	G4	S1
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Gillenia trifoliata</i>	Bowman's-root	-	INV	G4G5	S1
<i>Helianthus occidentalis ssp. occidentalis</i>	naked-stem sunflower	-	INV	G5T5	S1S2
<i>Helianthus pauciflorus ssp. pauciflorus</i>	prairie sunflower	-	INV	G5T5?	S1
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Humulus lupulus var. pubescens</i>	wild hop	-	INV	G5T4?	S1S2
<i>Koeleria macrantha</i>	prairie June grass	-	INV	G5	S2
<i>Liatris punctata var. mucronata</i>	dotted gayfeather	-	INV	G5T5	S2
<i>Liatris punctata var. punctata</i>	bottle-brush gayfeather	-	INV	G5T5	SH
<i>Limnodea arkansana</i>	Ozark grass	-	INV	G4?	SH
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Mentzelia oligosperma</i>	stick-leaf	-	INV	G4	S1
<i>Mimulus ringens var. ringens</i>	Allegheny monkey-flower	-	INV	G5T5	S1S2
<i>Muhlenbergia bushii</i>	nodding muhly	-	INV	G5	S2
<i>Muhlenbergia cuspidata</i>	plains muhly	-	INV	G4	S1
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Phacelia purshii</i>	Miami mist	-	INV	G5	S1
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Physalis missouriensis</i>	Missouri ground-cherry	-	INV	G5?	SH
<i>Polygala incarnata</i>	pink milkwort	-	INV	G5	S1S2
<i>Prenanthes alba</i>	white rattlesnake-root	-	INV	G5	S1S2
<i>Prenanthes aspera</i>	prairie rattlesnake-root	-	INV	G4?	S2S3
<i>Scleria muehlenbergii</i>	Muhlenberg's nut-rush	-	INV	G5	S1S2
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	-	INV	G5	S1S2
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Symphotrichum sericeum</i>	silvery aster	-	INV	G5	S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3	S3
<i>Ulmus thomasii</i>	rock elm	-	INV	G5	S2
<i>Utricularia subulata</i>	zigzag bladderwort	-	INV	G5	S2
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Veratrum woodii</i>	Wood's false hellebore	-	INV	G5	S3
<i>Viola canadensis var. canadensis</i>	Canadian white violet	-	INV	G5T5	S2
Special Elements-Natural Communities					
Cave Stream		-	INV	GNR	SNR
Ozark Prairie and Woodland		-	INV	GNR	SNR
Spring-Ozark Mountains		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Boone County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Bombus fervidus</i>	golden northern bumblebee	-	INV	G4?	S1
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S2
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Cicindela duodecimguttata</i>	twelve-spotted tiger beetle	-	INV	G5	S3S4
<i>Crosbyella distincta</i>	a cave obligate harvestman	-	INV	G1G2	S1
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Gryllotalpa major</i>	prairie mole cricket	-	INV	G3	S1S2
<i>Heterosternuta sulphurica</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Laphria vorax</i>	a robberfly	-	INV	GNR	S1
<i>Lirceus bidentatus</i>	an isopod	-	INV	G1?	S1
<i>Orconectes williamsi</i>	Williams crayfish	-	INV	G3	S1
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
Animals-Vertebrates					
<i>Accipiter cooperii</i>	Cooper's Hawk	-	INV	G5	S1B, S3N
<i>Empidonax traillii</i>	Willow Flycatcher	-	INV	G5	S1B
<i>Etheostoma autumnale</i>	autumn darter	-	INV	G4	S2
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G1G3	S1
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S1B, S1S2N
Plants-Vascular					
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G3	S2
<i>Carex bicknellii</i>	Bicknell's sedge	-	INV	G5	S1
<i>Carex gravida</i>	heavy sedge	-	INV	G5	S2S3
<i>Carex hirtifolia</i>	hairy sedge	-	INV	G5	S3
<i>Carex laevivaginata</i>	smooth-sheath sedge	-	INV	G5	S2
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Carex suberecta</i>	prairie straw sedge	-	INV	G4	S2
<i>Cooperia drummondii</i>	rain-lily	-	INV	G5	S1S2
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	-	INV	G5TNR	S1S3
<i>Drymocallis arguta</i>	tall cinquefoil	-	ST	G5	S1S2
<i>Echinacea paradoxa</i> var. <i>paradoxa</i>	yellow coneflower	-	ST	G2T2	S2
<i>Elymus glaucus</i> ssp. <i>mackenzii</i>	Mackenzie's blue wild rye	-	INV	G5TNR	S1
<i>Elymus virginicus</i> var. <i>intermedius</i>	intermediate wild rye	-	INV	G5TNR	S1
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Euphorbia missurica</i>	Missouri spurge	-	INV	G5	S2
<i>Gentiana alba</i>	pale gentian	-	INV	G4	S1
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2

Boone County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Glyceria acutiflora</i>	creeping manna grass	-	INV	G5	S1
<i>Helianthus occidentalis ssp. occidentalis</i>	naked-stem sunflower	-	INV	G5T5	S1S2
<i>Helianthus pauciflorus ssp. pauciflorus</i>	prairie sunflower	-	INV	G5T5?	S1
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Koeleria macrantha</i>	prairie June grass	-	INV	G5	S2
<i>Liatris punctata var. mucronata</i>	dotted gayfeather	-	INV	G5T5	S2
<i>Liatris scariosa var. nieuwlandii</i>	northern blazing-star	-	INV	G5?T3T5	S2?
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Pediomelum esculentum</i>	large Indian-breadroot	-	INV	G5	S2
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Physalis pumila</i>	prairie ground-cherry	-	INV	G5	S1
<i>Prenanthes aspera</i>	prairie rattlesnake-root	-	INV	G4?	S2S3
<i>Sida elliotii</i>	Elliott's sida	-	INV	G4G5	S2S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Solidago gattingeri</i>	Gattinger's goldenrod	-	INV	G3?Q	S1
<i>Solidago juncea</i>	early goldenrod	-	INV	G5	S1
<i>Sphenopholis filiformis</i>	long-leaf wedgescale	-	INV	G4?	SH
<i>Symphotrichum sericeum</i>	silvery aster	-	INV	G5	S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Trichophorum planifolium</i>	bashful bulrush	-	INV	G4G5	S1
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3	S3
<i>Viburnum molle</i>	soft-leaf arrow-wood	-	INV	G5	S1
<i>Viola pedatifida</i>	prairie violet	-	INV	G5	S2
<i>Vitis rupestris</i>	sand grape	-	INV	G3	S3

Special Elements-Natural Communities

Central Interior Highlands Calcareous Glade and Barrens	-	INV	GNR	SNR
Ozark Prairie and Woodland	-	INV	GNR	SNR

Special Elements-Other

Colonial nesting site, water birds	-	INV	GNR	SNR
------------------------------------	---	-----	-----	-----

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Bradley County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Neonympha areolatus</i>	Georgia Satyr	-	INV	G3G4	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	SE	G1	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B, S2N
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Lampropeltis triangulum amaura</i>	Louisiana milksnake	-	INV	G5T4	S3
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
Plants-Vascular					
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Anthenantia texana</i>	Kral's silkscale	-	INV	G3G4	S3
<i>Callitriche nuttallii</i>		-	INV	G5	S2
<i>Carex laevivaginata</i>	smooth-sheath sedge	-	INV	G5	S2
<i>Cladium jamaicense</i>	saw-grass	-	INV	G5	SH
<i>Coelorachis rugosa</i>	wrinkled joint-tail	-	INV	G5	S2
<i>Crocantemum rosmarinifolium</i>	rosemary rock-rose	-	INV	G4	S1

Bradley County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Dichantherium dichotomum ssp. roanokense</i>	Roanoke rosette grass	-	INV	G5TNR	S1
<i>Dryopteris ludoviciana</i>	southern wood fern	-	INV	G4	S1
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Evolvulus sericeus</i>	silver dwarf morning-glory	-	ST	G5	S1
<i>Geocarpon minimum</i>	geocarpon	LT	SE	G2	S2
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Krigia occidentalis</i>	western dwarf-dandelion	-	INV	G5	S3
<i>Leersia hexandra</i>	southern cut grass	-	INV	G5	S1
<i>Mitreola sessilifolia</i>	swamp hornpod	-	INV	G4G5	S2
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Polygala nana</i>	candyroot	-	INV	G5	S2S3
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Pseudolycopodiella caroliniana</i>	slender bog club-moss	-	INV	G4	S1
<i>Quercus hemisphaerica</i>	Darlington's oak	-	INV	G5	S1S2
<i>Rhynchospora colorata</i>	white-top sedge	-	SE	G5	S1
<i>Rhynchospora globularis var. globularis</i>	globe beaksedge	-	INV	G5?T5?	S2
<i>Rhynchospora gracilentia</i>	slender beaksedge	-	INV	G5	S2
<i>Rhynchospora rariflora</i>	few-flower beaksedge	-	ST	G5	S1S2
<i>Schoenolirion wrightii</i>	Texas sunnybell	-	ST	G3	S2S3
<i>Seymeria cassioides</i>	yaupon black-senna	-	INV	G5	S1
<i>Spiranthes lacera var. lacera</i>	northern slender ladies'-tresses	-	INV	G5T5	S1
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Sporobolus junceus</i>	pineywoods dropseed	-	ST	G5	S1S2
<i>Symphotrichum pratense</i>	barrens silky aster	-	ST	G4?	S2
<i>Viburnum acerifolium</i>	maple-leaf viburnum	-	INV	G5	S1
<i>Xyris ambigua</i>	Coastal Plain yellow-eyed-grass	-	INV	G5	S2S3

Special Elements-Natural Communities

Lowland Oak-Hickory Forest	-	INV	GNR	S1
Lowland Oak-Sweetgum Forest	-	INV	GNR	S1
South Central Saline Glade	-	INV	GNR	SNR
West Gulf Coastal Plain Lowland Sand Prairie	-	INV	GNR	SNR
West Gulf Coastal Plain Seepage Swamp and Baygall	-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Calhoun County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	SE	G1	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Neonympha areolatus</i>	Georgia Satyr	-	INV	G3G4	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	SE	G1	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
Animals-Vertebrates					
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B, S2N
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lampropeltis triangulum amaura</i>	Louisiana milksnake	-	INV	G5T4	S3
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Plethodon kisatchie</i>	Louisiana slimy salamander	-	INV	G3G4	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
Plants-Vascular					
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Andropogon virginicus var. glaucus</i>	chalky bluestem	-	INV	G5T4T5	S1
<i>Anthenantia texana</i>	Kral's silkyscale	-	INV	G3G4	S3
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Carex glaucescens</i>	southern waxy sedge	-	INV	G4	S1
<i>Coelorachis rugosa</i>	wrinkled joint-tail	-	INV	G5	S2
<i>Cyperus haspan</i>	haspan flatsedge	-	INV	G5	S2
<i>Dichanthelium scabriusculum</i>	tall swamp rosette grass	-	INV	G4	S1S2
<i>Drosera capillaris</i>	pink sundew	-	INV	G5	S1
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eriocaulon decangulare</i>	large-head pipewort	-	INV	G5	S1S2
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Eryngium integrifolium</i>	blue-flower eryngo	-	INV	G5	S2
<i>Fuirena bushii</i>	Bush's umbrella sedge	-	INV	G5	S3
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Lycopodiella prostrata</i>	prostrate bog club-moss	-	INV	G5	S1
<i>Mitreola sessilifolia</i>	swamp hornpod	-	INV	G4G5	S2
<i>Paspalum praecox</i>	early paspalum	-	INV	G4	S1S2
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Pogonia ophioglossoides</i>	rose pogonia	-	ST	G5	S2

Calhoun County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Polygala nana</i>	candyroot	-	INV	G5	S2S3
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Pseudolycopodiella caroliniana</i>	slender bog club-moss	-	INV	G4	S1
<i>Ptilimnium texense</i>	Texas mock bishop's-weed	-	INV	GNR	S1
<i>Rhynchospora gracilentia</i>	slender beaksedge	-	INV	G5	S2
<i>Rhynchospora plumosa</i>	plumed beaksedge	-	INV	G5	S1
<i>Rhynchospora rariflora</i>	few-flower beaksedge	-	ST	G5	S1S2
<i>Sabatia campanulata</i>	slender rose-gentian	-	SE	G5	S1
<i>Sabatia gentianoides</i>	pinewoods rose-gentian	-	INV	G4G5	S1
<i>Schoenolirion wrightii</i>	Texas sunnybell	-	ST	G3	S2S3
<i>Scleria muehlenbergii</i>	Muhlenberg's nut-rush	-	INV	G5	S1S2
<i>Sida elliotii</i>	Elliott's sida	-	INV	G4G5	S2S3
<i>Smilax walteri</i>	red-berried greenbrier	-	INV	G5	S2S3
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Tradescantia paludosa</i>	confederate spiderwort	-	INV	G4?Q	S1S2
<i>Utricularia cornuta</i>	horned bladderwort	-	INV	G5	S1
<i>Xyris ambigua</i>	Coastal Plain yellow-eyed-grass	-	INV	G5	S2S3
<i>Xyris baldwiniana</i>	Baldwin's yellow-eyed-grass	-	ST	G5	S1
<i>Xyris difformis</i> var. <i>curtissii</i>	Curtiss' yellow-eyed-grass	-	INV	G5T5	S1
Special Elements-Natural Communities					
Cypress Swamp		-	INV	GNR	S3
Lowland Pine-Oak Forest		-	INV	GNR	S1
South Central Saline Glade		-	INV	GNR	SNR
West Gulf Coastal Plain Seepage Swamp and Baygall		-	INV	GNR	SNR
West Gulf Coastal Plain Small Stream and River Forest		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Carroll County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Allocapnia jeanae</i>	a winter stonefly	-	INV	G2	S1?
<i>Amblyscirtes linda</i>	Linda's Roadside-Skipper	-	INV	G2G3	S1S3
<i>Caecidotea macropropoda</i>	bat cave isopod	-	INV	G2G3	S2
<i>Caecidotea steevesi</i>	an isopod	-	INV	G3G4	S1
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Calephelis muticum</i>	Swamp Metalmark	-	INV	G3	S1
<i>Cyclonaias tuberculata</i>	purple wartback	-	INV	G5	S3?
<i>Epioblasma triquetra</i>	snuffbox	LE	SE	G3	S1
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Heterosternuta phoebeae</i>	a predaceous diving beetle	-	INV	G2	S2
<i>Heterosternuta sulphuria</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Ophiogomphus westfalli</i>	Westfall's snaketail	-	INV	G3	S1S2
<i>Orconectes williamsi</i>	Williams crayfish	-	INV	G3	S1
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Pygmarhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S2
<i>Trigenotyia parca</i>	a cave obligate millipede	-	INV	G1G2	S1
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Erimystax harryi</i>	Ozark chub	-	INV	G3G4	S3S4
<i>Etheostoma autumnale</i>	autumn darter	-	INV	G4	S2
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Nocomis asper</i>	redspot chub	-	INV	G4	S2?
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Plestiodon obsoletus</i>	Great Plains skink	-	INV	G5	S1
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Sonora semiannulata</i>	groundsnake	-	INV	G5	SNR
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S1B, S1S2N
Plants-Vascular					
<i>Agalinis auriculata</i>	ear-leaf false foxglove	-	INV	G3	S1
<i>Allium canadense var. lavendulare</i>	tall pink glade onion	-	INV	G5TNR	S2
<i>Allium cernuum</i>	nodding wild onion	-	INV	G5	SH
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Arabis hirsuta var. adpressipilis</i>	hairy rockcress	-	INV	G5T4Q	S1?

Carroll County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Artemisia ludoviciana ssp. mexicana</i>	white sagebrush	-	INV	G5T5?	S1S2
<i>Asclepias stenophylla</i>	narrow-leaf milkweed	-	INV	G4G5	SH
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Carex hirtifolia</i>	hairy sedge	-	INV	G5	S3
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Dirca decipiens</i>	Ozark leatherwood	-	INV	G1G2	S1?
<i>Echinacea paradoxa var. paradoxa</i>	yellow coneflower	-	ST	G2T2	S2
<i>Euonymus obovatus</i>	running strawberry-bush	-	INV	G5	S3
<i>Euphorbia missurica</i>	Missouri spurge	-	INV	G5	S2
<i>Helianthus occidentalis ssp. occidentalis</i>	naked-stem sunflower	-	INV	G5T5	S1S2
<i>Liatris punctata var. mucronata</i>	dotted gayfeather	-	INV	G5T5	S2
<i>Liatris scariosa var. nieuwlandii</i>	northern blazing-star	-	INV	G5?T3T5	S2?
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Marshallia caespitosa var. caespitosa</i>	Barbara's-buttons	-	INV	G4T4	S2
<i>Mentzelia oligosperma</i>	stick-leaf	-	INV	G4	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Minuartia michauxii</i>	rock sandwort	-	INV	G5	S1
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Pediomelum esculentum</i>	large Indian-breadroot	-	INV	G5	S2
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Phyllanthus polygonoides</i>	knotweed leaf-flower	-	INV	G5	S1
<i>Physalis missouriensis</i>	Missouri ground-cherry	-	INV	G5?	SH
<i>Physalis pumila</i>	prairie ground-cherry	-	INV	G5	S1
<i>Prenanthes alba</i>	white rattlesnake-root	-	INV	G5	S1S2
<i>Prenanthes aspera</i>	prairie rattlesnake-root	-	INV	G4?	S2S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Sparganium androcladum</i>	branched bur-reed	-	INV	G4G5	S1
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3	S3
<i>Ulmus thomasii</i>	rock elm	-	INV	G5	S2
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Veratrum woodii</i>	Wood's false hellebore	-	INV	G5	S3

Special Elements-Natural Communities

Central Interior Highlands Calcareous Glade and Barrens	-	INV	GNR	SNR
---	---	-----	-----	-----

Special Elements-Other

Colonial nesting site, water birds	-	INV	GNR	SNR
------------------------------------	---	-----	-----	-----

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Chicot County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Macrobrachium ohione</i>	Ohio shrimp	-	INV	G4	S1?
<i>Ptychobranchnus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
Animals-Vertebrates					
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Gallinula galeata</i>	Common Gallinule	-	INV	G5	S1B, S2N
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Riparia riparia</i>	Bank Swallow	-	INV	G5	S3B
<i>Scaphiopus holbrookii</i>	eastern spadefoot	-	INV	G5	S2
<i>Scaphirhynchus albus</i>	pallid sturgeon	LE	SE	G2	S1
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
Plants-Vascular					
<i>Eryngium hookeri</i>	Hooker's eryngo	-	INV	G3G5	S1
<i>Vicia ludoviciana ssp. leavenworthii</i>	Leavenworth's vetch	-	INV	G5T5	S1S2
Special Elements-Natural Communities					
Mississippi River Riparian Forest		-	INV	GNR	SNR
Special Elements-Other					
Geological feature		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Clark County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Amblyscirtes aesculapius</i>	Lace-winged Roadside-Skipper	-	INV	G3G4	S1S3
<i>Amblyscirtes belli</i>	Bell's Roadside-Skipper	-	INV	G3G4	S3S4
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	SE	G1	S1
<i>Atrytonopsis hianna</i>	Dusted Skipper	-	INV	G4G5	S2S3
<i>Beameria venosa</i>	A concealed-tymbal Cicada	-	INV	GNR	S1S2
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Enodia creola</i>	Creole Pearly-Eye	-	INV	G3G4	S3
<i>Fallicambarus jeanae</i>	Daisie burrowing crayfish	-	INV	G2	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Microstylum morosum</i>	giant prairie robber fly	-	INV	G3G4	S1
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Orconectes menae</i>	Mena crayfish	-	INV	G3	S3
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Poanes yehl</i>	Yehl Skipper	-	INV	G4	S1S3
<i>Problema byssus</i>	Byssus Skipper	-	INV	G3G4	S1
<i>Procambarus parasimulans</i>	Bismark burrowing crayfish	-	INV	G4	S3
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	SE	G1	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Somatogyrus amnicoloides</i>	Ouachita pebblesnail	-	INV	GX	SX
<i>Somatogyrus wheeleri</i>	channelled pebblesnail	-	INV	GX	SX
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Tetraloniella albata</i>	white long-horned bee	-	INV	GNR	S1
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Alosa alabamae</i>	Alabama shad	-	INV	G2G3	S1S2
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Desmognathus conanti</i>	spotted dusky salamander	-	INV	G5	S1
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Eudocimus albus</i>	White Ibis	-	INV	G5	S1B
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3

Clark County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hemidactylium scutatum</i>	four-toed salamander	-	INV	G5	S3
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lampropeltis triangulum amaura</i>	Louisiana milksnake	-	INV	G5T4	S3
<i>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Mugil cephalus</i>	striped mullet	-	INV	G5	S1?
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Noturus taylori</i>	Caddo madtom	-	INV	G1	S1?
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Porphyrio martinicus</i>	Purple Gallinule	-	INV	G5	S1B
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3

Plants-Vascular

<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Astragalus crassicaarpus var. crassicaarpus</i>	purple ground-plum	-	INV	G5T5	S2
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Diaperia prolifera var. prolifera</i>	big-head rabbit-tobacco	-	INV	G5TNR	S1S3
<i>Glandularia bipinnatifida var. bipinnatifida</i>	Dakota vervain	-	INV	G5T5	S2
<i>Liatris squarrosa var. squarrosa</i>	hairy scaly blazing-star	-	INV	G5T5	S1
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Lithospermum tuberosum</i>	tuberous puccoon	-	INV	G4	S2
<i>Lycopodiella prostrata</i>	prostrate bog club-moss	-	INV	G5	S1
<i>Minuartia drummondii</i>	Drummond's sandwort	-	INV	G5	S2S3
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Physaria gracilis ssp. gracilis</i>	slender bladderpod	-	INV	G5T4	S1
<i>Plantago rhodosperma</i>	red-seed plantain	-	INV	GNR	S1S2
<i>Pseudolycopodiella caroliniana</i>	slender bog club-moss	-	INV	G4	S1
<i>Pyrrhopappus pauciflorus</i>	few-flower false dandelion	-	INV	G5	S1S2
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Scleria verticillata</i>	whorled nut-rush	-	ST	G5	S1
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Spiranthes magnicamporum</i>	great plains ladies'-tresses	-	INV	G4	S1S2
<i>Spiranthes ovalis var. erostellata</i>	northern oval ladies'-tresses	-	INV	G5?T4?	S1
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Stenosiphon linifolius</i>	false gaura	-	ST	G5	S1
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Xyris difformis var. difformis</i>	bog yellow-eyed-grass	-	INV	G5T5	S2

Special Elements-Natural Communities

Juniper-Hardwood Woodland	-	INV	GNR	S4
Lowland Pine-Oak Forest	-	INV	GNR	S1

Clark County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
South Central Saline Glade		-	INV	GNR	SNR
West Gulf Coastal Plain Northern Calcareous Prairie		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Clay County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Carphophis amoenus helenae</i>	midwest worm snake	-	INV	G5T5	S2
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4	S3S4
<i>Moxostoma anisurum</i>	silver redhorse	-	INV	G5	S1?
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Notropis sabiniae</i>	sabine shiner	-	INV	G4	S2?
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Pseudacris illinoensis</i>	Illinois chorus frog	-	INV	G5T3	S1
<i>Scaphiopus holbrookii</i>	eastern spadefoot	-	INV	G5	S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S1B, S1S2N
<i>Umbra limi</i>	central mudminnow	-	INV	G5	SH
Plants-Vascular					
<i>Blephilia hirsuta</i>	hairy wood mint	-	INV	G5?	S1
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Humulus lupulus var. pubescens</i>	wild hop	-	INV	G5T4?	S1S2
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Lilium superbum</i>	Turk's-cap lily	-	INV	G5	S1
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2
<i>Magnolia macrophylla</i>	big-leaf magnolia	-	SE	G5	S1
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Ptilimnium costatum</i>	big mock bishop's-weed	-	INV	GNR	SH
<i>Ranunculus aquatilis var. diffusus</i>	white water crowfoot	-	INV	G5T5	S2S3
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3

Clay County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Scirpus divaricatus</i>	spreading bulrush	-	INV	G5	SH
<i>Sium suave</i>	water-parsnip	-	INV	G5	S1S3
<i>Uvularia perfoliata</i>	perfoliate bellwort	-	INV	G5	S3
Special Elements-Natural Communities					
Mississippi River Alluvial Plain Dry-Mesic Loess Slope Forest		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Cleburne County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lampsilis streckeri</i>	speckled pocketbook	LE	SE	G1Q	S1
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Nicrophorus americanus</i>	American burying beetle	LE	SE	G2G3	S1
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Accipiter cooperii</i>	Cooper's Hawk	-	INV	G5	S1B, S3N
<i>Accipiter striatus</i>	Sharp-shinned Hawk	-	INV	G5	S1S2B
<i>Etheostoma autumnale</i>	autumn darter	-	INV	G4	S2
<i>Etheostoma moorei</i>	yellowcheek darter	LE	SE	G1	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hemidactylum scutatum</i>	four-toed salamander	-	INV	G5	S3
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
Plants-Vascular					
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Carex gracilescens</i>	slender wood sedge	-	INV	G5?	S2
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex radiata</i>	eastern star sedge	-	INV	G4	S1
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Claytonia ozarkensis</i>	Ozark spring-beauty	-	INV	G1G3Q	S2
<i>Deschampsia flexuosa</i>	wavy hair grass	-	INV	G5	S2S3
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Isoetes engelmannii</i>	Engelmann's quillwort	-	INV	G4	S1
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Primula frenchii</i>	French's shooting-star	-	ST	G3	S2
<i>Selaginella arenicola ssp. riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Sium suave</i>	water-parsnip	-	INV	G5	S1S3
<i>Smilax ecirrhata</i>	carrion-flower	-	INV	G5?	SH
<i>Solidago juncea</i>	early goldenrod	-	INV	G5	S1
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	-	INV	G5	S1S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3

Cleburne County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Trichomanes boschianum</i>	Appalachian filmy fern	-	ST	G4	S2S3
<i>Utricularia subulata</i>	zigzag bladderwort	-	INV	G5	S2
Special Elements-Natural Communities					
Central Interior Highlands & Appalachian Sinkhole & Depression Pond		-	INV	GNR	SNR
South-Central Interior Large Floodplain		-	INV	GNR	SNR
Special Elements-Other					
Geological feature		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Cleveland County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Fallicambarus gilpini</i>	Jefferson County crayfish	-	INV	G2	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	SE	G1	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
Animals-Vertebrates					
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B, S2N
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
Plants-Vascular					
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Anthenantia texana</i>	Kral's silkscale	-	INV	G3G4	S3
<i>Crocانthemum rosmarinifolium</i>	rosemary rock-rose	-	INV	G4	S1
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Geocarpon minimum</i>	geocarpon	LT	SE	G2	S2
<i>Iva angustifolia</i>	slender marsh-elder	-	INV	G5?	S1
<i>Krigia occidentalis</i>	western dwarf-dandelion	-	INV	G5	S3
<i>Minuartia drummondii</i>	Drummond's sandwort	-	INV	G5	S2S3
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Schoenolirion wrightii</i>	Texas sunnybell	-	ST	G3	S2S3
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Symphotrichum pratense</i>	barrens silky aster	-	ST	G4?	S2
Special Elements-Natural Communities					
Lowland Oak-Hickory Forest		-	INV	GNR	S1
Lowland Oak-Sweetgum Forest		-	INV	GNR	S1
South Central Saline Glade		-	INV	GNR	SNR
West Gulf Coastal Plain Small Stream and River Forest		-	INV	GNR	SNR
Willow Oak Forest		-	INV	GNR	S2

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Columbia County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Bouchardina robisoni</i>	Bayou Bodcau crayfish	-	INV	G2	S1
<i>Caecidotea foxi</i>	an isopod	-	INV	GNR	S1
<i>Fallicambarus petilicarpus</i>	Slenderwrist burrowing crayfish	-	INV	G1	S1
<i>Leuctra paleo</i>	Arkansas needletfy	-	INV	G2	S1
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Coluber constrictor anthicus</i>	buttermilk racer	-	INV	G5T4	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Eudocimus albus</i>	White Ibis	-	INV	G5	S1B
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Noturus phaeus</i>	brown madtom	-	INV	G4	S1
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Reithrodontomys humulis</i>	eastern harvest mouse	-	INV	G5	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
Plants-Vascular					
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Hexalectris spicata var. spicata</i>	crested-coralroot	-	INV	G5T4T5	S2
<i>Hypoxis curtissii</i>	Curtiss' star-grass	-	INV	G4?	S1
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Polygala nana</i>	candyroot	-	INV	G5	S2S3
<i>Ptilimnium texense</i>	Texas mock bishop's-weed	-	INV	GNR	S1
<i>Viburnum dentatum var. scabrellum</i>	southern arrow-wood	-	INV	G5TNR	SH
Special Elements-Natural Communities					
Cypress-Tupelo Swamp		-	INV	GNR	S2
Lowland Headwater Stream-Coastal Plain		-	INV	GNR	SNR
Lowland Oak-Sweetgum Forest		-	INV	GNR	S1
Lowland Pine-Oak Forest		-	INV	GNR	S1
West Gulf Coastal Plain Mesic Hardwood Forest		-	INV	GNR	SNR
West Gulf Coastal Plain Small Stream and River Forest		-	INV	GNR	SNR
Willow Oak Forest		-	INV	GNR	S2
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Conway County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela cursitans</i>	ant-like tiger beetle	-	INV	G4	S2S3
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Crotalus atrox</i>	western diamond-backed rattlesnake	-	INV	G5	S2
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Deirochelys reticularia miaria</i>	western chicken turtle	-	INV	G5T5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5	S2
<i>Spea bombifrons</i>	plains spadefoot	-	INV	G5	S1
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S1B, S1S2N
Plants-Vascular					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Dalea lanata var. lanata</i>	woolly prairie-clover	-	INV	G5TNR	S2S3
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Eustoma exaltatum</i>	catchfly prairie-gentian	-	INV	G5	S2
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Heliotropium convolvulaceum</i>	phlox heliotrope	-	INV	G5	S2
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Neviusia alabamensis</i>	Alabama snow-wreath	-	ST	G2	S1S2
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Schoenoplectus californicus</i>	California bulrush	-	INV	G5	S1S2
<i>Selaginella arenicola ssp. riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Tradescantia paludosa</i>	confederate spiderwort	-	INV	G4?Q	S1S2
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
Special Elements-Natural Communities					
Central Interior Highlands Dry Acidic Glade and Barrens		-	INV	GNR	SNR

Conway County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
South-Central Interior Large Floodplain		-	INV	GNR	SNR
Special Elements-Other					
Geological feature		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Craighead County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Caecidotea brevicauda</i>	an isopod	-	INV	GNR	S1
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Cicindela purpurea</i>	cow path tiger beetle	-	INV	G5	S3
<i>Lirceus louisianae</i>	an isopod	-	INV	GNR	S1
<i>Potamilus capax</i>	fat pocketbook	LE	SE	G2	S1
<i>Quadrola apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
Animals-Vertebrates					
<i>Accipiter cooperii</i>	Cooper's Hawk	-	INV	G5	S1B, S3N
<i>Carphophis amoenus helenae</i>	midwest worm snake	-	INV	G5T5	S2
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Deirochelys reticularia miaria</i>	western chicken turtle	-	INV	G5T5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Mustela frenata primulina</i>	long-tailed weasel	-	INV	G5T4	S3
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Scaphiopus holbrookii</i>	eastern spadefoot	-	INV	G5	S2
<i>Taxidea taxus</i>	American badger	-	INV	G5	S1S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S1B, S1S2N
Plants-Vascular					
<i>Carex gigantea</i>	giant sedge	-	INV	G4	S1S2
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex reznicekii</i>	Reznicek's sedge	-	INV	G5	S2?
<i>Cyperus retrofractus</i>	rough flatsedge	-	INV	G5	S1?
<i>Hexalectris spicata var. spicata</i>	crested-coralroot	-	INV	G5T4T5	S2
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Lilium superbum</i>	Turk's-cap lily	-	INV	G5	S1
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Polygala incarnata</i>	pink milkwort	-	INV	G5	S1S2
<i>Ptilimnium costatum</i>	big mock bishop's-weed	-	INV	GNR	SH
<i>Pycnanthemum virginianum</i>	Virginia mountain-mint	-	INV	G5	S1S2
<i>Tradescantia subaspera</i>	zigzag spiderwort	-	INV	G5	S1S3

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Crawford County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Caecidotea macropropoda</i>	bat cave isopod	-	INV	G2G3	S2
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Leptodea leptodon</i>	scaleshell	LE	SE	G1G2	S1
<i>Orconectes nana</i>	midget crayfish	-	INV	G3	S3
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Venustaconcha ellipsiformis</i>	ellipse	-	INV	G4	S1
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Alosa alabamae</i>	Alabama shad	-	INV	G2G3	S1S2
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	SE	G3G4T1	S1
<i>Cyprinella camura</i>	blunface shiner	-	INV	G5	SH
<i>Etheostoma mihileze</i>	sunburst darter	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G1G3	S1
<i>Notiosorex crawfordi</i>	Crawford's gray shrew	-	INV	G5	S2
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5	S2
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<i>Setophaga cerulea</i>	Cerulean Warbler	-	INV	G4	S3B
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
Plants-Vascular					
<i>Castilleja indivisa</i>	entire-leaf Indian-paintbrush	-	INV	G5	SH
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Fuirena simplex var. aristulata</i>	western umbrella sedge	-	INV	G5T4	S1
<i>Heliotropium convolvulaceum</i>	phlox heliotrope	-	INV	G5	S2
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2

Crawford County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Special Elements-Other					
<i>Colonial nesting site, water birds</i>		-	INV	GNR	SNR
<i>Geological feature</i>		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Crittenden County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela cursitans</i>	ant-like tiger beetle	-	INV	G4	S2S3
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Potamilus alatus</i>	pink heelsplitter	-	INV	G5	S1
<i>Potamilus capax</i>	fat pocketbook	LE	SE	G2	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Platygobio gracilis</i>	flathead chub	-	INV	G5	S1?
<i>Scaphirhynchus albus</i>	pallid sturgeon	LE	SE	G2	S1
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
Plants-Vascular					
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2
Special Elements-Natural Communities					
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Cross County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Potamilus capax</i>	fat pocketbook	LE	SE	G2	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Carphophis amoenus helenae</i>	midwest worm snake	-	INV	G5T5	S2
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Desmognathus conanti</i>	spotted dusky salamander	-	INV	G5	S1
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Mustela frenata primulina</i>	long-tailed weasel	-	INV	G5T4	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
Plants-Vascular					
<i>Carex kraliana</i>	Kral's sedge	-	INV	G5	S1S2
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Obolaria virginica</i>	Virginia pennywort	-	INV	G5	S2
<i>Schisandra glabra</i>	bay star-vine	-	INV	G3	S2S3
<i>Spiranthes ovalis var. erostellata</i>	northern oval ladies'-tresses	-	INV	G5?T4?	S1
Special Elements-Natural Communities					
Southern Crowley's Ridge Mesic Loess Slope Forest		-	INV	GNR	SNR
Upland Headwater Stream-Crowley's Ridge		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Dallas County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Leuctra paleo</i>	Arkansas needlefly	-	INV	G2	S1
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Neonympha areolatus</i>	Georgia Satyr	-	INV	G3G4	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
Plants-Vascular					
<i>Parnassia asarifolia</i>	kidney-leaf grass-of-Parnassus	-	INV	G4	S1
<i>Quercus hemisphaerica</i>	Darlington's oak	-	INV	G5	S1S2
Special Elements-Natural Communities					
Lowland Stream-Coastal Plain		-	INV	GNR	SNR
West Gulf Coastal Plain Small Stream and River Forest		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Desha County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Dryobius sexnotatus</i>	six-banded longhorn beetle	-	INV	GNR	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
Animals-Vertebrates					
<i>Acipenser fulvescens</i>	lake sturgeon	-	INV	G3G4	S1
<i>Asio flammeus</i>	Short-eared Owl	-	INV	G5	S3N
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Deirochelys reticularia miaria</i>	western chicken turtle	-	INV	G5T5	S3
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Gallinula galeata</i>	Common Gallinule	-	INV	G5	S1B, S2N
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Moxostoma pisolabrum</i>	pealip redbhorse	-	INV	G5	S2?
<i>Mugil cephalus</i>	striped mullet	-	INV	G5	S1?
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Platygobio gracilis</i>	flathead chub	-	INV	G5	S1?
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Rallus elegans</i>	King Rail	-	INV	G4	S1B, S3N
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Riparia riparia</i>	Bank Swallow	-	INV	G5	S3B
<i>Scaphirhynchus albus</i>	pallid sturgeon	LE	SE	G2	S1
<i>Setophaga cerulea</i>	Cerulean Warbler	-	INV	G4	S3B
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
Plants-Vascular					
<i>Tradescantia paludosa</i>	confederate spiderwort	-	INV	G4?Q	S1S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
Special Elements-Natural Communities					
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
Mississippi River High Floodplain (Bottomland) Forest		-	INV	GNR	SNR
Mississippi River Low Floodplain (Bottomland) Forest		-	INV	GNR	SNR
Mississippi River Riparian Forest		-	INV	GNR	SNR
Willow Oak Forest		-	INV	GNR	S2

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Drew County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Neonympha areolatus</i>	Georgia Satyr	-	INV	G3G4	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B, S2N
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Deirochelys reticularia miaria</i>	western chicken turtle	-	INV	G5T5	S3
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Lampropeltis triangulum amaura</i>	Louisiana milksnake	-	INV	G5T4	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Pandion haliaetus</i>	Osprey	-	INV	G5	S1B, S4N
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
Plants-Vascular					
<i>Anthenantia texana</i>	Kral's silkyscale	-	INV	G3G4	S3
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Callitriche nuttallii</i>		-	INV	G5	S2
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G3	S2
<i>Clematis glaucophylla</i>	White-leaved Leather-flower	-	INV	G4?	S1
<i>Crocanthemum rosmarinifolium</i>	rosemary rock-rose	-	INV	G4	S1
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Evolvulus sericeus</i>	silver dwarf morning-glory	-	ST	G5	S1
<i>Geocarpon minimum</i>	geocarpon	LT	SE	G2	S2

Drew County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Hypericum apocynifolium</i>	dogbane St. John's-wort	-	INV	GNR	S1S2
<i>Krigia occidentalis</i>	western dwarf-dandelion	-	INV	G5	S3
<i>Micranthes virginensis</i>	early saxifrage	-	INV	G5	S1S2
<i>Oenothera pilosella</i> ssp. <i>sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Schoenolirion wrightii</i>	Texas sunnybell	-	ST	G3	S2S3
<i>Setaria magna</i>	giant bristle grass	-	INV	G4G5	SH
<i>Spiranthes lacera</i> var. <i>lacera</i>	northern slender ladies'-tresses	-	INV	G5T5	S1
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Sporobolus junceus</i>	pineywoods dropseed	-	ST	G5	S1S2
<i>Stylisma aquatica</i>	water dawnflower	-	INV	G4	S1S2
<i>Symphotrichum pratense</i>	barrens silky aster	-	ST	G4?	S2
<i>Utricularia subulata</i>	zigzag bladderwort	-	INV	G5	S2
Special Elements-Natural Communities					
Lowland Oak-Sweetgum Forest		-	INV	GNR	S1
Lowland Pine-Oak Forest		-	INV	GNR	S1
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Faulkner County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Amblyscirtes linda</i>	Linda's Roadside-Skipper	-	INV	G2G3	S1S3
<i>Callophrys irus hadros</i>	Frosted Elfyn	-	INV	G3T2T3	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Euphyes dukesi</i>	Dukes' Skipper	-	INV	G3	S1S2
<i>Hesperia meskei</i>	Meske's Skipper	-	INV	G3G4	S1S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lirceus garmani</i>	an isopod	-	INV	GNR	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Anguilla rostrata</i>	American eel	-	INV	G4	S3
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Deirochelys reticularia miaria</i>	western chicken turtle	-	INV	G5T5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pandion haliaetus</i>	Osprey	-	INV	G5	S1B, S4N
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5	S2
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S1B, S1S2N
Plants-Vascular					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Callirhoe alcaeoides</i>	plains poppy-mallow	-	INV	G5?	S1?
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Claytonia ozarkensis</i>	Ozark spring-beauty	-	INV	G1G3Q	S2
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Drymocallis arguta</i>	tall cinquefoil	-	ST	G5	S1S2
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Erysimum capitatum var. capitatum</i>	western wallflower	-	INV	G5T5	S2
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Minuartia drummondii</i>	Drummond's sandwort	-	INV	G5	S2S3

Faulkner County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Muhlenbergia glabriflora</i>	inland muhly	-	INV	G4?	S1
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Neviusia alabamensis</i>	Alabama snow-wreath	-	ST	G2	S1S2
<i>Paronychia virginica</i>	yellow nailwort	-	INV	G4	S2
<i>Paspalum bifidum</i>	pitchfork paspalum	-	INV	G5	SH
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Polygala incarnata</i>	pink milkwort	-	INV	G5	S1S2
<i>Prenanthes aspera</i>	prairie rattlesnake-root	-	INV	G4?	S2S3
<i>Rhynchospora globularis</i> var. <i>globularis</i>	globe beaksedge	-	INV	G5?T5?	S2
<i>Rudbeckia maxima</i>	great coneflower	-	INV	G4?	S3
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Viburnum recognitum</i>	northern arrow-wood	-	INV	G4G5	S1
<i>Vicia ludoviciana</i> ssp. <i>ludoviciana</i>	Louisiana vetch	-	INV	G5TNR	SH

Special Elements-Natural Communities

Central Interior Highlands Dry Acidic Glade and Barrens	-	INV	GNR	SNR
Upland Headwater Stream-Arkansas Valley	-	INV	GNR	SNR

Special Elements-Other

Colonial nesting site, water birds	-	INV	GNR	SNR
------------------------------------	---	-----	-----	-----

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Franklin County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Acalypta lillianus</i>	a lace bug	-	INV	G3	SNR
<i>Atrytone arogos</i>	Arogos Skipper	-	INV	G3	S1
<i>Bombus fervidus</i>	golden northern bumblebee	-	INV	G4?	S1
<i>Callophrys irus hadros</i>	Frosted Elfin	-	INV	G3T2T3	S1
<i>Cambarus causeyi</i>	Boston Mountains crayfish	-	INV	G2	S1
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Cycnia inopinatus</i>	unexpected tiger moth	-	INV	G4	S1
<i>Gryllotalpa major</i>	prairie mole cricket	-	INV	G3	S1S2
<i>Laphria vorax</i>	a robberfly	-	INV	GNR	S1
<i>Nicrophorus americanus</i>	American burying beetle	LE	SE	G2G3	S1
<i>Orconectes williamsi</i>	Williams crayfish	-	INV	G3	S1
<i>Paucicalcaria ozarkensis</i>	a microcaddisfly	-	INV	G1	S1
<i>Procambarus parasimulans</i>	Bismark burrowing crayfish	-	INV	G4	S3
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Tetraopes quinquemaculatus</i>	a red milkweed beetle	-	INV	GNR	S1S2
<i>Tetraopes texanus</i>	a red milkweed beetle	-	INV	GNR	S1S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	-	INV	G5	S1
<i>Alosa alabamae</i>	Alabama shad	-	INV	G2G3	S1S2
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B, S2N
<i>Asio flammeus</i>	Short-eared Owl	-	INV	G5	S3N
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	SE	G3G4T1	S1
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Etheostoma mihileze</i>	sunburst darter	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G1G3	S1
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5	S2
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Setophaga cerulea</i>	Cerulean Warbler	-	INV	G4	S3B
<i>Taxidea taxus</i>	American badger	-	INV	G5	S1S2
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
Plants-Vascular					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Aristida purpurea var. purpurea</i>	purple three-awn	-	INV	G5T5	S1
<i>Artemisia ludoviciana ssp. mexicana</i>	white sagebrush	-	INV	G5T5?	S1S2

Franklin County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G3	S2
<i>Carex cumberlandensis</i>	Cumberland sedge	-	INV	GNR	S1
<i>Carex fissa</i> var. <i>fissa</i>	hammock sedge	-	INV	G4?T3T4	S1
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Crocianthemum rosmarinifolium</i>	rosemary rock-rose	-	INV	G4	S1
<i>Cyripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Euphorbia hexagona</i>	six-angle spurge	-	INV	G5	S2
<i>Euphorbia longicuris</i>	wedge-leaf spurge	-	INV	G4G5	S1
<i>Galium texense</i>	Texas bedstraw	-	INV	G4	S1
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Geocarpon minimum</i>	geocarpon	LT	SE	G2	S2
<i>Gossypianthus lanuginosus</i> var. <i>tenuiflorus</i>	woolly cotton-flower	-	INV	G5T4	SH
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Helianthus occidentalis</i> ssp. <i>plantagineus</i>	plantain-leaf sunflower	-	INV	G5T2T3	S1
<i>Helianthus pauciflorus</i> ssp. <i>pauciflorus</i>	prairie sunflower	-	INV	G5T5?	S1
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Houstonia parviflora</i>	Greenman's bluet	-	INV	G3	S1
<i>Humulus lupulus</i> var. <i>pubescens</i>	wild hop	-	INV	G5T4?	S1S2
<i>Huperzia lucidula</i>	shining fir-moss	-	INV	G5	S2S3
<i>Iva angustifolia</i>	slender marsh-elder	-	INV	G5?	S1
<i>Juncus brachyphyllus</i>	tufted-stem rush	-	INV	G5	S1
<i>Koeleria macrantha</i>	prairie June grass	-	INV	G5	S2
<i>Krigia occidentalis</i>	western dwarf-dandelion	-	INV	G5	S3
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Plantago patagonica</i>	woolly plantain	-	INV	G5	S2
<i>Polygala incarnata</i>	pink milkwort	-	INV	G5	S1S2
<i>Prenanthes aspera</i>	prairie rattlesnake-root	-	INV	G4?	S2S3
<i>Rhynchospora macrostachya</i>	prairie horned beaksedge	-	INV	G4	S2
<i>Schedonnardus paniculatus</i>	tumble grass	-	INV	G5	S2
<i>Scleria muehlenbergii</i>	Muhlenberg's nut-rush	-	INV	G5	S1S2
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Sporobolus pyramidatus</i>	whorled dropseed	-	ST	G5	S2
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Utricularia subulata</i>	zigzag bladderwort	-	INV	G5	S2
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Vicia ludoviciana</i> ssp. <i>ludoviciana</i>	Louisiana vetch	-	INV	G5TNR	SH
<i>Viola canadensis</i> var. <i>canadensis</i>	Canadian white violet	-	INV	G5T5	S2

Franklin County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Special Elements-Natural Communities					
Arkansas Valley Prairie and Woodland		-	INV	GNR	SNR
Central Interior Highlands Dry Acidic Glade and Barrens		-	INV	GNR	SNR
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
Special Elements-Other					
Geological feature		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Fulton County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Alasmidonta viridis</i>	slippershell mussel	-	INV	G4G5	S1
<i>Cicindela purpurea</i>	cow path tiger beetle	-	INV	G5	S3
<i>Crangonyx forbesi</i>	an amphipod	-	INV	G5	S1?
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Epioblasma florentina curtisi</i>	Curtis pearlymussel	LE	SE	G1T1	S1
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Leptodea leptodon</i>	scaleshell	LE	SE	G1G2	S1
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Ophiogomphus westfalli</i>	Westfall's snaketail	-	INV	G3	S1S2
<i>Orconectes eupunctus</i>	coldwater crayfish	-	INV	G2	S1
<i>Orconectes marchandi</i>	Mammoth Spring crayfish	-	INV	G2	S2
<i>Orconectes neglectus chaenodactylus</i>	gap ringed crayfish	-	INV	G5T3	S3
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Venustaconcha ellipsiformis</i>	ellipse	-	INV	G4	S1
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	S3
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B, S2N
<i>Cottus immaculatus</i>	knobfin sculpin	-	INV	GNR	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Cryptobranchus alleganiensis bishopi</i>	Ozark hellbender	LE	SE	G3G4T2Q	S2
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4	S3S4
<i>Etheostoma autumnale</i>	autumn darter	-	INV	G4	S2
<i>Etheostoma fragi</i>	Strawberry River darter	-	INV	G4	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Lampropeltis triangulum amaura</i>	Louisiana milksnake	-	INV	G5T4	S3
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Typhlichthys subterraneus</i>	southern cavefish	-	INV	G4	S1
Plants-Vascular					
<i>Asclepias incarnata ssp. incarnata</i>	swamp milkweed	-	INV	G5T5	S2
<i>Carex aggregata</i>	cluster sedge	-	INV	G5	S1
<i>Carex davisii</i>	Davis' sedge	-	INV	G4	S3
<i>Carex interior</i>	inland star sedge	-	INV	G5	S1
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3

Fulton County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Carex suberecta</i>	prairie straw sedge	-	INV	G4	S2
<i>Dalea gattingeri</i>	Gattinger's prairie-clover	-	INV	G3G4	S2
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Desmodium illinoense</i>	Illinois tick-trefoil	-	INV	G5	S2
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Echinacea paradoxa var. paradoxa</i>	yellow coneflower	-	ST	G2T2	S2
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Gentiana alba</i>	pale gentian	-	INV	G4	S1
<i>Mimulus ringens var. ringens</i>	Allegheny monkey-flower	-	INV	G5T5	S1S2
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Pedicularis lanceolata</i>	swamp lousewort	-	INV	G5	S1
<i>Pedimelum esculentum</i>	large Indian-breadroot	-	INV	G5	S2
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Pogonia ophioglossoides</i>	rose pogonia	-	ST	G5	S2
<i>Pycnanthemum virginianum</i>	Virginia mountain-mint	-	INV	G5	S1S2
<i>Ranunculus aquatilis var. diffusus</i>	white water crowfoot	-	INV	G5T5	S2S3
<i>Salix sericea</i>	silky willow	-	SE	G5	SH
<i>Scleria muehlenbergii</i>	Muhlenberg's nut-rush	-	INV	G5	S1S2
<i>Scutellaria bushii</i>	Bush's skullcap	-	ST	G3	S2
<i>Sparganium androcladum</i>	branched bur-reed	-	INV	G4G5	S1
<i>Zannichellia palustris</i>	horned-pondweed	-	INV	G5	S2S3
<i>Zizania palustris var. interior</i>	interior wild rice	-	INV	G4G5T4T5	SH

Special Elements-Natural Communities

Central Interior Highlands Calcareous Glade and Barrens	-	INV	GNR	SNR
Spring-Ozark Mountains	-	INV	GNR	SNR

Special Elements-Other

Colonial nesting site, water birds	-	INV	GNR	SNR
------------------------------------	---	-----	-----	-----

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Garland County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Agapetus medicus</i>	Arkansas Agapetus Caddisfly	-	INV	G1G2	SNR
<i>Alloperla caddo</i>	Caddo sallfly	-	INV	G1G2	S1
<i>Cordulegaster talaria</i>	Ouachita spiketail	-	INV	G1G2	S1
<i>Fallicambarus harpi</i>	Ouachita burrowing crayfish	-	INV	G2	S2
<i>Fallicambarus jeanae</i>	Daisie burrowing crayfish	-	INV	G2	S2
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Paucicalcaria ozarkensis</i>	a microcaddisfly	-	INV	G1	S1
<i>Problema byssus</i>	Byssus Skipper	-	INV	G3G4	S1
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Crotalus atrox</i>	western diamond-backed rattlesnake	-	INV	G5	S2
<i>Desmognathus conanti</i>	spotted dusky salamander	-	INV	G5	S1
<i>Etheostoma pallidorsum</i>	paleback darter	-	INV	G2	S2
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hemidactylium scutatum</i>	four-toed salamander	-	INV	G5	S3
<i>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Noturus lachneri</i>	Ouachita madtom	-	INV	G2	S2
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Phrynosoma cornutum</i>	Texas horned lizard	-	INV	G4G5	S2
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	-	INV	G2	S2
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
Plants-Non-vascular					
<i>Phormidium treleasei</i>	A blue-green alga	-	INV	GNR	S2
Plants-Vascular					
<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	G5T5	S2S3
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Asplenium x gravesii</i>	Graves' spleenwort	-	INV	GNA	S1
<i>Callirhoe alcaeoides</i>	plains poppy-mallow	-	INV	G5?	S1?
<i>Carex atlantica ssp. atlantica</i>	prickly bog sedge	-	INV	G5T4	S2
<i>Carex bromoides ssp. bromoides</i>	brome sedge	-	INV	G5T5	S2

Garland County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Carex laevivaginata</i>	smooth-sheath sedge	-	INV	G5	S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Carex pennsylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex willdenowii</i>	Willdenow's sedge	-	INV	G5	S1
<i>Cirsium muticum</i>	swamp thistle	-	ST	G5	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dryopteris celsa</i>	log fern	-	INV	G4	S2
<i>Dryopteris x australis</i>	Dixie wood fern	-	INV	GNA	S1
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Euphorbia longicuris</i>	wedge-leaf spurge	-	INV	G4G5	S1
<i>Euphorbia sp. nov.</i>	Ouachita spurge	-	INV	GNR	S3
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Galium arkansanum var. pubiflorum</i>	hairy-flower Arkansas bedstraw	-	INV	G5TNR	S2
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Helianthus occidentalis ssp. plantagineus</i>	plantain-leaf sunflower	-	INV	G5T2T3	S1
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Ilex longipes</i>	Georgia holly	-	INV	G5	S3
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Liparis loeselii</i>	Loesel's twayblade	-	ST	G5	S1
<i>Oxalis texana</i>	Texas yellow wood-sorrel	-	INV	GNR	SU
<i>Paronychia virginica</i>	yellow nailwort	-	INV	G4	S2
<i>Phacelia strictiflora var. robbinsii</i>	Robbins' prairie scorpion-weed	-	INV	G5T4	S1S2
<i>Physaria filiformis</i>	Missouri bladderpod	LT	INV	G3	S1
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Rosa foliolosa</i>	white prairie rose	-	INV	G5	S2
<i>Rudbeckia maxima</i>	great coneflower	-	INV	G4?	S3
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Scutellaria cardiophylla</i>	Gulf skullcap	-	INV	G4?	S1S2
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus ssp. obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Symphotrichum sericeum</i>	silvery aster	-	INV	G5	S2
<i>Thalictrum arkansanum</i>	Arkansas meadow-rue	-	ST	G2Q	S2
<i>Tradescantia longipes</i>	dwarf spiderwort	-	INV	G4	S2
<i>Trautvetteria caroliniensis</i>	false bugbane	-	INV	G5	S1
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Uvularia perfoliata</i>	perfoliate bellwort	-	INV	G5	S3
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<i>Valerianella palmeri</i>	Palmer's cornsalad	-	INV	G3	S3
<i>Veratrum woodii</i>	Wood's false hellebore	-	INV	G5	S3
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Viola walteri</i>	Walter's violet	-	INV	G4G5	S1S2
<i>Vitis rupestris</i>	sand grape	-	INV	G3	S3

Garland County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Special Elements-Natural Communities					
	Ouachita Mountain Forested Seep	-	INV	GNR	SNR
	Ouachita Novaculite Glade and Woodland	-	INV	GNR	SNR
	Ozark-Ouachita Shortleaf Pine-Oak Forest	-	INV	GNR	SNR
	Spring-Ouachita Mountains	-	INV	GNR	SNR
Special Elements-Other					
	Colonial nesting site, water birds	-	INV	GNR	SNR
	Geological feature	-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Grant County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Caecidotea dentadactyla</i>	an isopod	-	INV	GNR	S1
<i>Caecidotea obtusa</i>	an isopod	-	INV	GNR	S1
<i>Callophrys irus hadros</i>	Frosted Elfyn	-	INV	G3T2T3	S1
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Procambarus parasimulans</i>	Bismark burrowing crayfish	-	INV	G4	S3
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Satyrrium kingi</i>	King's Hairstreak	-	INV	G3G4	S3S4
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
Plants-Vascular					
<i>Carex bullata</i>	button sedge	-	INV	G5	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Sphenopholis longiflora</i>	Texas wedgescale	-	INV	G4	S1?
<i>Xyris ambigua</i>	Coastal Plain yellow-eyed-grass	-	INV	G5	S2S3
Special Elements-Other					
<i>Colonial nesting site, water birds</i>		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Greene County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Caecidotea foxi</i>	an isopod	-	INV	GNR	S1
<i>Ligidium elrodii</i>	an isopod	-	INV	G4G5	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Carphophis amoenus helenae</i>	midwest worm snake	-	INV	G5T5	S2
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
Plants-Vascular					
<i>Aristida lanosa</i>	woolly three-awn	-	INV	G5	S2
<i>Carex bromoides ssp. bromoides</i>	brome sedge	-	INV	G5T5	S2
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Chelone glabra</i>	white turtlehead	-	INV	G5	S1
<i>Chelone obliqua var. speciosa</i>	rose turtlehead	-	SE	G4T3	SH
<i>Cuscuta coryli</i>	hazel dodder	-	INV	G5?	SU
<i>Cyperus retrofractus</i>	rough flatsedge	-	INV	G5	S1?
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Scirpus polyphyllus</i>	leafy bulrush	-	INV	G5	S2
<i>Spiraea tomentosa</i>	hardhack	-	INV	G5	S2
<i>Tradescantia virginiana</i>	Virginia spiderwort	-	INV	G5	S1
Special Elements-Natural Communities					
Mississippi River Alluvial Plain Dry-Mesic Loess Slope Forest		-	INV	GNR	SNR
Ouachita Mountain Forested Seep		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Hempstead County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Amblyscirtes belli</i>	Bell's Roadside-Skipper	-	INV	G3G4	S3S4
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	SE	G1	S1
<i>Atomosia arkansensis</i>	Arkansas robberfly	-	INV	GNR	S1
<i>Bouchardina robisoni</i>	Bayou Bodcau crayfish	-	INV	G2	S1
<i>Callophrys irus hadros</i>	Frosted Elfin	-	INV	G3T2T3	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Euphyes dukesi</i>	Dukes' Skipper	-	INV	G3	S1S2
<i>Fallicambarus jeanae</i>	Daisie burrowing crayfish	-	INV	G2	S2
<i>Gomphus ozarkensis</i>	Ozark clubtail	-	INV	G4	S1
<i>Hoperius planatus</i>	aquatic beetle	-	INV	GNR	SNR
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Microstylum morosum</i>	giant prairie robber fly	-	INV	G3G4	S1
<i>Mydas brunneus</i>	golden mydas fly	-	INV	GNR	S1
<i>Nicrophorus americanus</i>	American burying beetle	LE	SE	G2G3	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Tetraloniella albata</i>	white long-horned bee	-	INV	GNR	S1
<i>Tetraopes texanus</i>	a red milkweed beetle	-	INV	GNR	S1S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B, S2N
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Egretta tricolor</i>	Tricolored Heron	-	INV	G5	S3B, S3N
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Eudocimus albus</i>	White Ibis	-	INV	G5	S1B
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Gallinula galeata</i>	Common Gallinule	-	INV	G5	S1B, S2N
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lampropeltis triangulum amaura</i>	Louisiana milksnake	-	INV	G5T4	S3
<i>Micrurus tener tener</i>	Texas coral snake	-	INV	G5T5	S2
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Notiosorex crawfordi</i>	Crawford's gray shrew	-	INV	G5	S2
<i>Notropis atrocaudalis</i>	blackspot shiner	-	INV	G4	S3
<i>Notropis bairdi</i>	Red River shiner	-	INV	G4	SH
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Porphyrio martinicus</i>	Purple Gallinule	-	INV	G5	S1B
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3

Hempstead County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Reithrodontomys humulis</i>	eastern harvest mouse	-	INV	G5	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
Plants-Vascular					
<i>Agalinis auriculata</i>	ear-leaf false foxglove	-	INV	G3	S1
<i>Allium drummondii</i>	Drummond's wild onion	-	INV	G5	S1
<i>Amorpha paniculata</i>	panicled indigo-bush	-	ST	G2G3	S1
<i>Aristida lanosa</i>	woolly three-awn	-	INV	G5	S2
<i>Astragalus crassicaarpus var. crassicaarpus</i>	purple ground-plum	-	INV	G5T5	S2
<i>Burmannia biflora</i>	northern bluethread	-	INV	G4G5	S1
<i>Carex arkansana</i>	Arkansas sedge	-	INV	G4	S1
<i>Carex comosa</i>	bottle-brush sedge	-	INV	G5	S1S2
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Carex kraliana</i>	Kral's sedge	-	INV	G5	S1S2
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium carolinianum ssp. virescens</i>	plains larkspur	-	INV	G5T5	S2
<i>Diaperia prolifera var. prolifera</i>	big-head rabbit-tobacco	-	INV	G5TNR	S1S3
<i>Didiplis diandra</i>	water-purslane	-	INV	G5	S1S3
<i>Echinodorus berteroi</i>	upright burhead	-	INV	G5	S1S3
<i>Eleocharis flavescens var. olivacea</i>	bright-green spike-rush	-	INV	G5T4T5	S1
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Glandularia bipinnatifida var. bipinnatifida</i>	Dakota vervain	-	INV	G5T5	S2
<i>Hibiscus coccineus</i>	scarlet rose-mallow	-	INV	G4?	S1
<i>Liatris squarrosa var. squarrosa</i>	hairy scaly blazing-star	-	INV	G5T5	S1
<i>Lithospermum tuberosum</i>	tuberous puccoon	-	INV	G4	S2
<i>Muhlenbergia glabrifloris</i>	inland muhly	-	INV	G4?	S1
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Plantago rhodosperma</i>	red-seed plantain	-	INV	GNR	S1S2
<i>Pyrrhopappus pauciflorus</i>	few-flower false dandelion	-	INV	G5	S1S2
<i>Quercus austrina</i>	bluff oak	-	INV	G4?	S1
<i>Quercus sinuata</i>	Durand's white oak	-	ST	G4G5	S2
<i>Ranunculus aquatilis var. diffusus</i>	white water crowfoot	-	INV	G5T5	S2S3
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Rudbeckia maxima</i>	great coneflower	-	INV	G4?	S3
<i>Schoenoplectus californicus</i>	California bulrush	-	INV	G5	S1S2
<i>Sisyrinchium minus</i>	dwarf blue-eyed-grass	-	INV	G5?	S1
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Stenosiphon linifolius</i>	false gaura	-	ST	G5	S1
<i>Styphnolobium affine</i>	Eve's necklace	-	INV	G4	S2S3
<i>Thalictrum arkansanum</i>	Arkansas meadow-rue	-	ST	G2Q	S2
<i>Thelesperma flavodiscum</i>	yellow-disk greenthread	-	INV	G4	S1
<i>Utricularia macrorhiza</i>	greater bladderwort	-	INV	G5	SH
<i>Valerianella amarella</i>	hairy cornsalad	-	INV	GNR	S1
<i>Vicia ludoviciana ssp. leavenworthii</i>	Leavenworth's vetch	-	INV	G5T5	S1S2

Hempstead County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Special Elements-Natural Communities					
	Back Swamp	-	INV	GNR	SNR
	Cypress Swamp	-	INV	GNR	S3
	Sugarberry-Elm-Ash Forest	-	INV	GNR	SNR
	West Gulf Coastal Plain Northern Calcareous Prairie	-	INV	GNR	SNR
	Willow Oak Forest	-	INV	GNR	S2
Special Elements-Other					
	Colonial nesting site, water birds	-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Hot Spring County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Allocapnia malverna</i>	a winter stonefly	-	INV	G4	SNR
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	SE	G1	S1
<i>Fallicambarus harpi</i>	Ouachita burrowing crayfish	-	INV	G2	S2
<i>Fallicambarus jeanae</i>	Daisie burrowing crayfish	-	INV	G2	S2
<i>Hesperia meskei</i>	Meske's Skipper	-	INV	G3G4	S1S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Problema byssus</i>	Byssus Skipper	-	INV	G3G4	S1
<i>Procambarus parasimulans</i>	Bismark burrowing crayfish	-	INV	G4	S3
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Stenotrema unciferum</i>	Ouachita slitmouth	-	INV	G2	SNR
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Alosa alabamae</i>	Alabama shad	-	INV	G2G3	S1S2
<i>Anguilla rostrata</i>	American eel	-	INV	G4	S3
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Crotalus atrox</i>	western diamond-backed rattlesnake	-	INV	G5	S2
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Noturus lachneri</i>	Ouachita madtom	-	INV	G2	S2
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3

Hot Spring County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Plants-Vascular					
<i>Acer saccharum</i> var. <i>leucoderme</i>	chalk maple	-	INV	G5T5	S2S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Calopogon tuberosus</i> var. <i>tuberosus</i>	tuberous grass-pink	-	INV	G5T5	S1
<i>Camassia angusta</i>	prairie wild hyacinth	-	INV	G5?Q	S2S3
<i>Carex atlantica</i> ssp. <i>atlantica</i>	prickly bog sedge	-	INV	G5T4	S2
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Crassula aquatica</i>	water pygmyweed	-	INV	G5	S1S3
<i>Crataegus triflora</i>	three-flower hawthorn	-	INV	G2G3	S1
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Euphorbia longicuris</i>	wedge-leaf spurge	-	INV	G4G5	S1
<i>Euphorbia</i> sp. <i>nov.</i>	Ouachita spurge	-	INV	GNR	S3
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Ilex longipes</i>	Georgia holly	-	INV	G5	S3
<i>Ilex verticillata</i>	winterberry	-	ST	G5	S2
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Oenothera pilosella</i> ssp. <i>sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Parnassia asarifolia</i>	kidney-leaf grass-of-Parnassus	-	INV	G4	S1
<i>Physaria filiformis</i>	Missouri bladderpod	LT	INV	G3	S1
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Pseudolycopodiella caroliniana</i>	slender bog club-moss	-	INV	G4	S1
<i>Ptilimnium costatum</i>	big mock bishop's-weed	-	INV	GNR	SH
<i>Sabatia campanulata</i>	slender rose-gentian	-	SE	G5	S1
<i>Scutellaria cardiophylla</i>	Gulf skullcap	-	INV	G4?	S1S2
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Triadenum virginicum</i>	Virginia marsh-St. John's-wort	-	INV	G5	S1
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<i>Valerianella palmeri</i>	Palmer's cornsalad	-	INV	G3	S3
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Viburnum dentatum</i> var. <i>scabrellum</i>	southern arrow-wood	-	INV	G5TNR	SH
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Howard County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Amblyscirtes aesculapius</i>	Lace-winged Roadside-Skipper	-	INV	G3G4	S1S3
<i>Bouchardina robisoni</i>	Bayou Bodcau crayfish	-	INV	G2	S1
<i>Fallicambarus strawni</i>	Saline burrowing crayfish	-	INV	G1G2	S1
<i>Gomphus ozarkensis</i>	Ozark clubtail	-	INV	G4	S1
<i>Hesperia meskei</i>	Meske's Skipper	-	INV	G3G4	S1S2
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Microstylum morosum</i>	giant prairie robber fly	-	INV	G3G4	S1
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Pentacora ouachita</i>	Ouachita shore bug	-	INV	GNR	S1
<i>Poanes yehi</i>	Yehl Skipper	-	INV	G4	S1S3
<i>Procambarus parasimulans</i>	Bismark burrowing crayfish	-	INV	G4	S3
<i>Procambarus regalis</i>	Regal burrowing crayfish	-	INV	G2G3	S2S3
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Tetraloniella albata</i>	white long-horned bee	-	INV	GNR	S1
<i>Tetraopes quinque maculatus</i>	a red milkweed beetle	-	INV	GNR	S1S2
<i>Tetraopes texanus</i>	a red milkweed beetle	-	INV	GNR	S1S2
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Gallinula galeata</i>	Common Gallinule	-	INV	G5	S1B, S2N
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hemidactylium scutatum</i>	four-toed salamander	-	INV	G5	S3
<i>Lythrurus snelsoni</i>	Ouachita shiner	-	INV	G3G4	SNR
<i>Notropis atrocaudalis</i>	blackspot shiner	-	INV	G4	S3
<i>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Pandion haliaetus</i>	Osprey	-	INV	G5	S1B, S4N
<i>Percina pantherina</i>	leopard darter	LT	SE	G2	S1
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	-	INV	G2	S2
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Porphyrio martinicus</i>	Purple Gallinule	-	INV	G5	S1B
Plants-Vascular					
<i>Acer saccharum</i> var. <i>leucoderme</i>	chalk maple	-	INV	G5T5	S2S3
<i>Allium drummondii</i>	Drummond's wild onion	-	INV	G5	S1
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Astragalus crassicaarpus</i> var. <i>crassicaarpus</i>	purple ground-plum	-	INV	G5T5	S2
<i>Calamovilfa arcuata</i>	Cumberland sand-reed	-	INV	G2G3	S1

Howard County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Cardamine angustata</i>	slender toothwort	-	INV	G5	S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Carex pennsylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex timida</i>	timid sedge	-	INV	G2G4	S2S3
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Deschampsia flexuosa</i>	wavy hair grass	-	INV	G5	S2S3
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	-	INV	G5TNR	S1S3
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Euphorbia</i> sp. <i>nov.</i>	Ouachita spurge	-	INV	GNR	S3
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Glandularia bipinnatifida</i> var. <i>bipinnatifida</i>	Dakota vervain	-	INV	G5T5	S2
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Hedeoma reverchonii</i> var. <i>reverchonii</i>	Reverchon's false pennyroyal	-	INV	G5?TNR	S1
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Hypericum apocynifolium</i>	dogbane St. John's-wort	-	INV	GNR	S1S2
<i>Ilex longipes</i>	Georgia holly	-	INV	G5	S3
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Lithospermum tuberosum</i>	tuberous puccoon	-	INV	G4	S2
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Physaria gracilis</i> ssp. <i>gracilis</i>	slender bladderpod	-	INV	G5T4	S1
<i>Plantago rhodosperma</i>	red-seed plantain	-	INV	GNR	S1S2
<i>Pyrrhopappus pauciflorus</i>	few-flower false dandelion	-	INV	G5	S1S2
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Spiranthes magnicamporum</i>	great plains ladies'-tresses	-	INV	G4	S1S2
<i>Spiranthes ovalis</i> var. <i>erostellata</i>	northern oval ladies'-tresses	-	INV	G5?T4?	S1
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Stenosiphon linifolius</i>	false gaura	-	ST	G5	S1
<i>Streptanthus squamiformis</i>	Ouachita twistflower	-	ST	G2G3	S2
<i>Thalictrum arkansanum</i>	Arkansas meadow-rue	-	ST	G2Q	S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Valerianella palmeri</i>	Palmer's cornsalad	-	INV	G3	S3
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3

Special Elements-Natural Communities

River Front Forest	-	INV	GNR	S3
West Gulf Coastal Plain Northern Calcareous Prairie	-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Independence County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta viridis</i>	slippershell mussel	-	INV	G4G5	S1
<i>Amnicola cora</i>	Foushee cavesnail	-	INV	G1	S1
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S2
<i>Calephelis muticum</i>	Swamp Metalmark	-	INV	G3	S1
<i>Cambarus setosus</i>	bristly cave crayfish	-	INV	G3	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Crangonyx forbesi</i>	an amphipod	-	INV	G5	S1?
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Epioblasma triquetra</i>	snuffbox	LE	SE	G3	S1
<i>Hesperochernes occidentalis</i>	a pseudoscorpion	-	INV	G5	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Orconectes neglectus chaenodactylus</i>	gap ringed crayfish	-	INV	G5T3	S3
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<i>Xolotrema occidentale</i>	Arkansas wedge	-	INV	G1	SNR
Animals-Vertebrates					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Cottus immaculatus</i>	knobfin sculpin	-	INV	GNR	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Cryptobranhus alleganiensis bishopi</i>	Ozark hellbender	LE	SE	G3G4T2Q	S2
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Erimystax harryi</i>	Ozark chub	-	INV	G3G4	S3S4
<i>Etheostoma autumnale</i>	autumn darter	-	INV	G4	S2
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Moxostoma anisurum</i>	silver redhorse	-	INV	G5	S1?
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Mugil cephalus</i>	striped mullet	-	INV	G5	S1?
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G1G3	S1

Independence County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Notropis sabiniae</i>	sabine shiner	-	INV	G4	S2?
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<i>Riparia riparia</i>	Bank Swallow	-	INV	G5	S3B
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
Plants-Vascular					
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Cardamine douglassii</i>	purple cress	-	INV	G5	S1
<i>Carex conjuncta</i>	soft fox sedge	-	INV	G4G5	S1
<i>Carex davisii</i>	Davis' sedge	-	INV	G4	S3
<i>Carex gracillima</i>	graceful sedge	-	INV	G5	S1
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex reznicekii</i>	Reznicek's sedge	-	INV	G5	S2?
<i>Dirca decipiens</i>	Ozark leatherwood	-	INV	G1G2	S1?
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Ilex verticillata</i>	winterberry	-	ST	G5	S2
<i>Maianthemum stellatum</i>	starry false Solomon's-seal	-	INV	G5	S1
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Mentha arvensis</i>	wild mint	-	INV	G5	S1
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Oenothera clelandii</i>	Cleland's evening-primrose	-	INV	G3G5	S1
<i>Phacelia gilioides</i>	Brand's scorpion-weed	-	INV	G5	S2S3
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Sida elliotii</i>	Elliott's sida	-	INV	G4G5	S2S3
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Trifolium stoloniferum</i>	running buffalo clover	LE	INV	G3	SH
<i>Viola canadensis var. canadensis</i>	Canadian white violet	-	INV	G5T5	S2
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Izard County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S2
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Daedalochila peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Epioblasma triquetra</i>	snuffbox	LE	SE	G3	S1
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Heterosternuta phoebeae</i>	a predaceous diving beetle	-	INV	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ophiogomphus westfalli</i>	Westfall's snaketail	-	INV	G3	S1S2
<i>Orconectes neglectus chaenodactylus</i>	gap ringed crayfish	-	INV	G5T3	S3
<i>Patera clenchi</i>	Calico Rock oval	-	INV	G1	SNR
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S2
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	S3
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Cottus immaculatus</i>	knobfin sculpin	-	INV	GNR	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Cyprinella spiloptera</i>	spotfin shiner	-	INV	G5	S1
<i>Erimystax harryi</i>	Ozark chub	-	INV	G3G4	S3S4
<i>Etheostoma autumnale</i>	autumn darter	-	INV	G4	S2
<i>Etheostoma fragi</i>	Strawberry River darter	-	INV	G4	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Geomys bursarius ozarkensis</i>	Ozark pocket gopher	-	INV	G5T1T3	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Notropis sabinae</i>	sabine shiner	-	INV	G4	S2?
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2

Izard County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Plants-Vascular					
<i>Abutilon fruticosum</i>	Texas Indian-mallow	-	INV	G4G5	S1
<i>Acalypha deamii</i>	Deam's copperleaf	-	INV	G4?	S1
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Aristida purpurea</i> var. <i>purpurea</i>	purple three-awn	-	INV	G5T5	S1
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Carex planostachys</i>	cedar sedge	-	INV	G5	S1
<i>Coreopsis grandiflora</i> var. <i>saxicola</i>	large-flower tickseed	-	INV	G5T4?	S3
<i>Helianthus pauciflorus</i> ssp. <i>pauciflorus</i>	prairie sunflower	-	INV	G5T5?	S1
<i>Mentzelia oligosperma</i>	stick-leaf	-	INV	G4	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Pediomelum esculentum</i>	large Indian-breadroot	-	INV	G5	S2
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Physaria filiformis</i>	Missouri bladderpod	LT	INV	G3	S1
<i>Polygala incarnata</i>	pink milkwort	-	INV	G5	S1S2
<i>Sida elliotii</i>	Elliott's sida	-	INV	G4G5	S2S3
<i>Spiranthes lucida</i>	shining ladies'-tresses	-	INV	G5	S2
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Symphotrichum sericeum</i>	silvery aster	-	INV	G5	S2
Special Elements-Natural Communities					
Central Interior Highlands Calcareous Glade and Barrens		-	INV	GNR	SNR
Central Interior Highlands Dry Acidic Glade and Barrens		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Jackson County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S2
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Leptodea leptodon</i>	scaleshell	LE	SE	G1G2	S1
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Calcarius pictus</i>	Smith's Longspur	-	INV	G5	S2N
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Deirochelys reticularia miaria</i>	western chicken turtle	-	INV	G5T5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Mustela frenata primulina</i>	long-tailed weasel	-	INV	G5T4	S3
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Notropis sabiniae</i>	sabine shiner	-	INV	G4	S2?
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Rallus elegans</i>	King Rail	-	INV	G4	S1B, S3N
Plants-Vascular					
<i>Carex muskingumensis</i>	palm sedge	-	INV	G4	S1
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Jefferson County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Caecidotea dentadactyla</i>	an isopod	-	INV	GNR	S1
<i>Caecidotea obtusa</i>	an isopod	-	INV	GNR	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Daedalochila peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Euphyes dukesi</i>	Dukes' Skipper	-	INV	G3	S1S2
<i>Fallicambarus gilpini</i>	Jefferson County crayfish	-	INV	G2	S1
<i>Lirceus louisianae</i>	an isopod	-	INV	GNR	S1
<i>Papaipema eryngii</i>	Rattlesnake-master borer moth	C	INV	G1G2	S1
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Gallinula galeata</i>	Common Gallinule	-	INV	G5	S1B, S2N
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
Plants-Vascular					
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Calopogon tuberosus var. tuberosus</i>	tuberous grass-pink	-	INV	G5T5	S1
<i>Carex arkansana</i>	Arkansas sedge	-	INV	G4	S1
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Clematis glaucophylla</i>	White-leaved Leather-flower	-	INV	G4?	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Dalea lanata var. lanata</i>	woolly prairie-clover	-	INV	G5TNR	S2S3
<i>Eleocharis flavescens var. flavescens</i>	yellow spike-rush	-	INV	G5T5	S1S2
<i>Eustoma exaltatum</i>	catchfly prairie-gentian	-	INV	G5	S2
<i>Fuirena bushii</i>	Bush's umbrella sedge	-	INV	G5	S3
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Heliotropium convolvulaceum</i>	phlox heliotrope	-	INV	G5	S2
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Platanthera x channellii</i>	Channell's fringed orchid	-	INV	GNA	S1
<i>Pogonia ophioglossoides</i>	rose pogonia	-	ST	G5	S2

Jefferson County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Polygala incarnata</i>	pink milkwort	-	INV	G5	S1S2
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Pycnanthemum verticillatum</i>	Whorled Mountain-mint	-	INV	G5	S1
<i>Rhynchospora globularis</i> var. <i>globularis</i>	globe beaksedge	-	INV	G5?T5?	S2
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Spiranthes lacera</i> var. <i>lacera</i>	northern slender ladies'-tresses	-	INV	G5T5	S1
<i>Utricularia subulata</i>	zigzag bladderwort	-	INV	G5	S2

Special Elements-Natural Communities

Lowland Pine-Oak Forest	-	INV	GNR	S1
West Gulf Coastal Plain Pine-Hardwood Forest	-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Johnson County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cambarus causeyi</i>	Boston Mountains crayfish	-	INV	G2	S1
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Dannella provonshai</i>	mayfly	-	INV	G3G4	S1?
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Orconectes williamsi</i>	Williams crayfish	-	INV	G3	S1
<i>Paduniella nearctica</i>	nearctic paduniellan caddisfly	-	INV	G1G2	S1?
<i>Paraleptophlebia calcarica</i>	a mayfly	-	INV	G1G2	S1?
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Etheostoma mihileze</i>	sunburst darter	-	INV	G4	S3
<i>Etheostoma moorei</i>	yellowcheek darter	LE	SE	G1	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G1G3	S1
<i>Notropis girardi</i>	Arkansas River shiner	LT	SE	G2	SX
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5	S2
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S1B, S1S2N
Plants-Vascular					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Bergia texana</i>	Texas bergia	-	INV	G5	S2
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex cumberlandensis</i>	Cumberland sedge	-	INV	GNR	S1
<i>Carex reznicekii</i>	Reznicek's sedge	-	INV	G5	S2?
<i>Crocantemum rosmarinifolium</i>	rosemary rock-rose	-	INV	G4	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3

Johnson County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Lilium superbum</i>	Turk's-cap lily	-	INV	G5	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Paspalum bifidum</i>	pitchfork paspalum	-	INV	G5	SH
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Prosartes lanuginosa</i>	yellow mandarin	-	INV	G5	S2
<i>Schoenoplectus californicus</i>	California bulrush	-	INV	G5	S1S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Trichomanes boschianum</i>	Appalachian filmy fern	-	ST	G4	S2S3
Special Elements-Natural Communities					
Upland Stream-Ozark Mountains		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Lafayette County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Bouchardina robisoni</i>	Bayou Bodcau crayfish	-	INV	G2	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Neonympha areolatus</i>	Georgia Satyr	-	INV	G3G4	S2
<i>Poanes yehl</i>	Yehl Skipper	-	INV	G4	S1S3
Animals-Vertebrates					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Coluber constrictor anthicus</i>	buttermilk racer	-	INV	G5T4	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Egretta tricolor</i>	Tricolored Heron	-	INV	G5	S3B, S3N
<i>Eudocimus albus</i>	White Ibis	-	INV	G5	S1B
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Gallinula galeata</i>	Common Gallinule	-	INV	G5	S1B, S2N
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Micrurus tener</i>	Texas coralsnake	-	INV	G5T5	S2
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Notropis bairdi</i>	Red River shiner	-	INV	G4	SH
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Porphyrio martinicus</i>	Purple Gallinule	-	INV	G5	S1B
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
Plants-Vascular					
<i>Bergia texana</i>	Texas bergia	-	INV	G5	S2
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Ditrysinia fruticosa</i>	Sebastian-bush	-	INV	G5	S1
<i>Dryopteris ludoviciana</i>	southern wood fern	-	INV	G4	S1
<i>Eleocharis montevidensis</i>	sand spike-rush	-	INV	G5	S1
<i>Hypericum apocynifolium</i>	dogbane St. John's-wort	-	INV	GNR	S1S2
<i>Hypoxis curtissii</i>	Curtiss' star-grass	-	INV	G4?	S1
<i>Ipomoea cordatotriloba</i> var. <i>cordatotriloba</i>	tie-vine morning-glory	-	INV	G5T5	S1
<i>Iva angustifolia</i>	slender marsh-elder	-	INV	G5?	S1
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Oenothera pilosella</i> ssp. <i>sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Styphnolobium affine</i>	Eve's necklace	-	INV	G4	S2S3
Special Elements-Natural Communities					
Cypress-Tupelo Swamp		-	INV	GNR	S2
Lowland Pine-Oak Forest		-	INV	GNR	S1

Lafayette County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Morse Clay Calcareous Prairie		-	INV	GNR	SNR
Red River Large Floodplain Forest		-	INV	GNR	SNR
Willow Oak Forest		-	INV	GNR	S2
Special Elements-Other					
Colonial nesting site, swallows & swifts		-	INV	GNR	SNR
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Lawrence County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Bactrurus pseudomucronatus</i>	false sword-tailed cave amphipod	-	INV	G2G3	S1?
<i>Caecidotea brevicauda</i>	an isopod	-	INV	GNR	S1
<i>Caecidotea communis</i>	an isopod	-	INV	G5	S1
<i>Caecidotea montana</i>	an isopod	-	INV	GNR	S1
<i>Caecidotea salemensis</i>	an isopod	-	INV	G4	S1
<i>Cicindela duodecimguttata</i>	twelve-spotted tiger beetle	-	INV	G5	S3S4
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4G5	S2
<i>Crangonyx forbesi</i>	an amphipod	-	INV	G5	S1?
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Epioblasma florentina curtisi</i>	Curtis pearlymussel	LE	SE	G1T1	S1
<i>Epioblasma triquetra</i>	snuffbox	LE	SE	G3	S1
<i>Gammarus pseudolimnaeus</i>	an amphipod	-	INV	G5	S2?
<i>Hesperochernes occidentalis</i>	a pseudoscorpion	-	INV	G5	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Leptodea leptodon</i>	scaleshell	LE	SE	G1G2	S1
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Lirceus louisianae</i>	an isopod	-	INV	GNR	S1
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Orconectes eupunctus</i>	coldwater crayfish	-	INV	G2	S1
<i>Orconectes marchandi</i>	Mammoth Spring crayfish	-	INV	G2	S2
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Simpsonaias ambigua</i>	salamander mussel	-	INV	G3	S1
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Cyprinella spiloptera</i>	spotfin shiner	-	INV	G5	S1
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4	S3S4

Lawrence County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Moxostoma anisurum</i>	silver redhorse	-	INV	G5	S1?
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Notropis sabiniae</i>	sabine shiner	-	INV	G4	S2?
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Taxidea taxus</i>	American badger	-	INV	G5	S1S2
Plants-Vascular					
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Carex muskingumensis</i>	palm sedge	-	INV	G4	S1
<i>Carex pellita</i>	woolly sedge	-	INV	G5	S1S2
<i>Collinsia verna</i>	blue-eyed Mary	-	INV	G5	S1
<i>Dryopteris celsa</i>	log fern	-	INV	G4	S2
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Phacelia gilioides</i>	Brand's scorpion-weed	-	INV	G5	S2S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Plantago cordata</i>	heart-leaf plantain	-	ST	G4	S2
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Ptilimnium costatum</i>	big mock bishop's-weed	-	INV	GNR	SH
<i>Sida elliotii</i>	Elliott's sida	-	INV	G4G5	S2S3
<i>Sium suave</i>	water-parsnip	-	INV	G5	S1S3
<i>Tradescantia subaspera</i>	zigzag spiderwort	-	INV	G5	S1S3
Special Elements-Natural Communities					
Lowland Oak-Hickory Forest		-	INV	GNR	S1

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Lee County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Amblyscirtes aesculapius</i>	Lace-winged Roadside-Skipper	-	INV	G3G4	S1S3
<i>Macrobrachium ohione</i>	Ohio shrimp	-	INV	G4	S1?
<i>Potamilus capax</i>	fat pocketbook	LE	SE	G2	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Anguilla rostrata</i>	American eel	-	INV	G4	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Scaphirhynchus albus</i>	pallid sturgeon	LE	SE	G2	S1
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
Plants-Vascular					
<i>Carex kraliana</i>	Kral's sedge	-	INV	G5	S1S2
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	-	INV	G5	S1S3
<i>Schisandra glabra</i>	bay star-vine	-	INV	G3	S2S3
<i>Zannichellia palustris</i>	horned-pondweed	-	INV	G5	S2S3
Special Elements-Natural Communities					
Mississippi River Riparian Forest		-	INV	GNR	SNR
Southern Crowley's Ridge Mesic Loess Slope Forest		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Lincoln County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Catocala lincolnana</i>	Lincoln underwing	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
Animals-Vertebrates					
<i>Anguilla rostrata</i>	American eel	-	INV	G4	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Pandion haliaetus</i>	Osprey	-	INV	G5	S1B, S4N
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
Plants-Vascular					
<i>Bergia texana</i>	Texas bergia	-	INV	G5	S2
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Eriocaulon decangulare</i>	large-head pipewort	-	INV	G5	S1S2
<i>Eryngium integrifolium</i>	blue-flower eryngo	-	INV	G5	S2
<i>Fuirena bushii</i>	Bush's umbrella sedge	-	INV	G5	S3
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Scleria muehlenbergii</i>	Muhlenberg's nut-rush	-	INV	G5	S1S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
Special Elements-Natural Communities					
Submesic Oak-Hickory Forest		-	INV	GNR	S1
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Little River County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	SE	G1	S1
<i>Faxonella blairi</i>	Blair's fencing crayfish	-	INV	G2	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Nicrophorus americanus</i>	American burying beetle	LE	SE	G2G3	S1
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Tetraopes quinquemaculatus</i>	a red milkweed beetle	-	INV	GNR	S1S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Notropis atrocaudalis</i>	blackspot shiner	-	INV	G4	S3
<i>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
Plants-Vascular					
<i>Allium drummondii</i>	Drummond's wild onion	-	INV	G5	S1
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Amorpha paniculata</i>	panicled indigo-bush	-	ST	G2G3	S1
<i>Aphanostephus skirrhobasis</i> var. <i>skirrhobasis</i>	Arkansas lazy daisy	-	INV	G5TNR	S1
<i>Astragalus crassicaarpus</i> var. <i>crassicaarpus</i>	purple ground-plum	-	INV	G5T5	S2
<i>Astragalus nuttallianus</i> var. <i>nuttallianus</i>	Nuttall's milk-vetch	-	INV	G5TNR	S1
<i>Bouteloua rigidiseta</i>	Texas grama	-	SE	G5	S1
<i>Carex comosa</i>	bottle-brush sedge	-	INV	G5	S1S2
<i>Carex planostachys</i>	cedar sedge	-	INV	G5	S1
<i>Carex shinnersi</i>	Shinners' sedge	-	INV	G3	S1
<i>Condalia hookeri</i>	bluewood	-	INV	G5	S1
<i>Convolvulus equitans</i>	Texas bindweed	-	INV	G5	S1
<i>Cooperia drummondii</i>	rain-lily	-	INV	G5	S1S2
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Dalea compacta</i> var. <i>compacta</i>	compact prairie-clover	-	INV	G5T4	S2
<i>Delphinium carolinianum</i> ssp. <i>virescens</i>	plains larkspur	-	INV	G5T5	S2

Little River County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	-	INV	G5TNR	S1S3
<i>Diaperia verna</i> var. <i>verna</i>	many-stem rabbit-tobacco	-	INV	G5TNR	SH
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Engelmannia peristenia</i>	Engelmann's daisy	-	INV	G5	S1
<i>Eriogonum annuum</i>	annual wild buckwheat	-	INV	G5	S1
<i>Eryngium leavenworthii</i>	Leavenworth's eryngo	-	INV	G4	S1
<i>Fuirena simplex</i> var. <i>aristulata</i>	western umbrella sedge	-	INV	G5T4	S1
<i>Glandularia bipinnatifida</i> var. <i>bipinnatifida</i>	Dakota vervain	-	INV	G5T5	S2
<i>Hexalectris spicata</i> var. <i>spicata</i>	crested-coralroot	-	INV	G5T4T5	S2
<i>Indigofera miniata</i>	scarlet-pea	-	ST	G5	S2
<i>Liatris squarrosa</i> var. <i>squarrosa</i>	hairy scaly blazing-star	-	INV	G5T5	S1
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Lupinus texensis</i>	Texas bluebonnet	-	INV	G5	S1
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Oenothera pilosella</i> ssp. <i>sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Oenothera spachiana</i>	Spach's evening-primrose	-	INV	G5	SH
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Physalis cinerascens</i> var. <i>cinerascens</i>	small-flower ground-cherry	-	INV	G4G5T3T5	S1
<i>Physaria gracilis</i> ssp. <i>gracilis</i>	slender bladderpod	-	INV	G5T4	S1
<i>Plantago rhodosperma</i>	red-seed plantain	-	INV	GNR	S1S2
<i>Prenanthes aspera</i>	prairie rattlesnake-root	-	INV	G4?	S2S3
<i>Pyrrhopappus pauciflorus</i>	few-flower false dandelion	-	INV	G5	S1S2
<i>Quercus sinuata</i>	Durand's white oak	-	ST	G4G5	S2
<i>Rhus trilobata</i> var. <i>trilobata</i>	skunk-bush sumac	-	INV	G5T5	S1
<i>Rhynchospora colorata</i>	white-top sedge	-	SE	G5	S1
<i>Rhynchospora globularis</i> var. <i>globularis</i>	globe beaksedge	-	INV	G5?T5?	S2
<i>Rudbeckia maxima</i>	great coneflower	-	INV	G4?	S3
<i>Stachys crenata</i>	shade betony	-	INV	G5	SH
<i>Stenosiphon linifolius</i>	false gaura	-	ST	G5	S1
<i>Styphnolobium affine</i>	Eve's necklace	-	INV	G4	S2S3
<i>Thalictrum arkansanum</i>	Arkansas meadow-rue	-	ST	G2Q	S2
<i>Xanthisma spinulosum</i> var. <i>spinulosum</i>	lacy tansy-aster	-	INV	G5TNR	SH

Special Elements-Natural Communities

<i>Juniperus ashei</i> Dry Chalk Outcrop Woodland	-	INV	G1	SNR
Lowland Pine-Oak Forest	-	INV	GNR	S1
West Gulf Coastal Plain Nonriverine Wet Hardwood Flatwoods	-	INV	GNR	SNR
West Gulf Coastal Plain Northern Calcareous Prairie	-	INV	GNR	SNR

Special Elements-Other

Colonial nesting site, water birds	-	INV	GNR	SNR
------------------------------------	---	-----	-----	-----

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Logan County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Acalypta susanae</i>	a lace bug	-	INV	GNR	S1
<i>Arianops sandersoni</i>	Magazine Mountain mold beetle	-	INV	G1?	S1?
<i>Cicindela duodecimguttata</i>	twelve-spotted tiger beetle	-	INV	G5	S3S4
<i>Inflectarius magazinensis</i>	Magazine Mountain shagreen	-	SE	G1	S1
<i>Isoperla szczytkoi</i>	Magazine stripetail	-	INV	G1	S1
<i>Ligidium elrodii</i>	an isopod	-	INV	G4G5	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Nicrophorus americanus</i>	American burying beetle	LE	SE	G2G3	S1
<i>Ouachitychus parvoculus</i>	small-eyed mold beetle	-	INV	GNR	S2
<i>Paraleptophlebia calcarica</i>	a mayfly	-	INV	G1G2	S1?
<i>Paravitrea aulacogyra</i>	striate supercoil	-	INV	GHQ	SH
<i>Paucicalcaria ozarkensis</i>	a microcaddisfly	-	INV	G1	S1
<i>Problema byssus</i>	Byssus Skipper	-	INV	G3G4	S1
<i>Pseudactium magazinensis</i>	Ouachita pseudactium	-	INV	GNR	S1
<i>Satyrium kingi</i>	King's Hairstreak	-	INV	G3G4	S3S4
<i>Scaphinotus parisiana</i>	a ground beetle	-	INV	GNR	S1
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Stygobromus elatus</i>	elevated spring amphipod	-	INV	G1G2	S1?
Animals-Vertebrates					
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	-	INV	G5	S1
<i>Crotalus atrox</i>	western diamond-backed rattlesnake	-	INV	G5	S2
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Lampropeltis triangulum amaura</i>	Louisiana milksnake	-	INV	G5T4	S3
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G1G3	S1
<i>Notropis girardi</i>	Arkansas River shiner	LT	SE	G2	SX
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
Plants-Vascular					
<i>Allium cernuum</i>	nodding wild onion	-	INV	G5	SH
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Apocynum androsaemifolium</i>	spreading dogbane	-	INV	G5	SH
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Camassia angusta</i>	prairie wild hyacinth	-	INV	G5?Q	S2S3
<i>Carex bullata</i>	button sedge	-	INV	G5	S1
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3

Logan County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex pensylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Cooperia drummondii</i>	rain-lily	-	INV	G5	S1S2
<i>Dennstaedtia punctilobula</i>	hay-scented fern	-	INV	G5	S2
<i>Deschampsia flexuosa</i>	wavy hair grass	-	INV	G5	S2S3
<i>Dryopteris carthusiana</i>	spinulose wood fern	-	ST	G5	S1
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Erysimum capitatum</i> var. <i>capitatum</i>	western wallflower	-	INV	G5T5	S2
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Euphorbia longicuris</i>	wedge-leaf spurge	-	INV	G4G5	S1
<i>Euphorbia</i> sp. <i>nov.</i>	Ouachita spurge	-	INV	GNR	S3
<i>Galium texense</i>	Texas bedstraw	-	INV	G4	S1
<i>Gentiana alba</i>	pale gentian	-	INV	G4	S1
<i>Juncus brachyphyllus</i>	tufted-stem rush	-	INV	G5	S1
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Liatris scariosa</i> var. <i>nieuwlandii</i>	northern blazing-star	-	INV	G5?T3T5	S2?
<i>Lilium superbum</i>	Turk's-cap lily	-	INV	G5	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Paronychia virginica</i>	yellow nailwort	-	INV	G4	S2
<i>Quercus acerifolia</i>	maple-leaf oak	-	ST	G1	S1
<i>Ribes cynosbati</i>	prickly gooseberry	-	INV	G5	S2S3
<i>Solidago ouachitensis</i>	Ouachita goldenrod	-	INV	G3	S3
<i>Spiranthes lacera</i> var. <i>lacera</i>	northern slender ladies'-tresses	-	INV	G5T5	S1
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Triosteum aurantiacum</i> var. <i>illinoense</i>	red-fruit horse-gentian	-	INV	G5TNR	SH
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<i>Veratrum woodii</i>	Wood's false hellebore	-	INV	G5	S3
<i>Woodsia appalachiana</i>	Appalachian cliff fern	-	INV	G4	S1

Special Elements-Natural Communities

Central Interior Highlands Dry Acidic Glade and Barrens	-	INV	GNR	SNR
Ozark-Ouachita Dry-Mesic Oak Forest	-	INV	GNR	SNR

Special Elements-Other

Colonial nesting site, swallows & swifts	-	INV	GNR	SNR
Colonial nesting site, water birds	-	INV	GNR	SNR
Geological feature	-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Lonoke County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Gryllotalpa major</i>	prairie mole cricket	-	INV	G3	S1S2
Animals-Vertebrates					
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Deirochelys reticularia miaria</i>	western chicken turtle	-	INV	G5T5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Porphyrio martinicus</i>	Purple Gallinule	-	INV	G5	S1B
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
Plants-Vascular					
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G3	S2
<i>Carex arkansana</i>	Arkansas sedge	-	INV	G4	S1
<i>Carex fissa</i> var. <i>fissa</i>	hammock sedge	-	INV	G4?T3T4	S1
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Oenothera pilosella</i> ssp. <i>sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Sabatia campanulata</i>	slender rose-gentian	-	SE	G5	S1
<i>Solidago speciosa</i> var. <i>rigidiuscula</i>	narrow-leaf showy goldenrod	-	INV	G5T4	S2S3
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Spiraea tomentosa</i>	hardhack	-	INV	G5	S2
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Zannichellia palustris</i>	horned-pondweed	-	INV	G5	S2S3
Special Elements-Natural Communities					
Lower Mississippi Alluvial Plain Grand Prairie		-	INV	GNR	SNR
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
Lower Mississippi River Flatwoods		-	INV	GNR	SNR
Mississippi River High Floodplain (Bottomland) Forest		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Madison County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Allocapnia jeanae</i>	a winter stonefly	-	INV	G2	S1?
<i>Allocapnia ozarkana</i>	a winter stonefly	-	INV	G2	S1?
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S2
<i>Caecidotea steevesi</i>	an isopod	-	INV	G3G4	S1
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Cambarus causeyi</i>	Boston Mountains crayfish	-	INV	G2	S1
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Daedalochila peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Heterosternuta phoebeae</i>	a predaceous diving beetle	-	INV	G2	S2
<i>Heterosternuta sulphuria</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Orconectes neglectus chaenodactylus</i>	gap ringed crayfish	-	INV	G5T3	S3
<i>Orconectes williamsi</i>	Williams crayfish	-	INV	G3	S1
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S2
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Trigenotyla parca</i>	a cave obligate millipede	-	INV	G1G2	S1
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	SE	G3G4T1	S1
<i>Etheostoma autumnale</i>	autumn darter	-	INV	G4	S2
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G1G3	S1
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S1B, S1S2N
Plants-Vascular					
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Bromus nottowayanus</i>	satin brome	-	INV	G3G5	S2
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Crataegus phaenopyrum</i>	Washington hawthorn	-	INV	G4?	S1

Madison County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Echinodorus berteroi</i>	upright burhead	-	INV	G5	S1S3
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Euonymus obovatus</i>	running strawberry-bush	-	INV	G5	S3
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Helianthus occidentalis ssp. occidentalis</i>	naked-stem sunflower	-	INV	G5T5	S1S2
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Hexalectris spicata var. spicata</i>	crested-coralroot	-	INV	G5T4T5	S2
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Humulus lupulus var. pubescens</i>	wild hop	-	INV	G5T4?	S1S2
<i>Huperzia lucidula</i>	shining fir-moss	-	INV	G5	S2S3
<i>Juncus subcaudatus</i>	fen rush	-	INV	G5	S1
<i>Liatris punctata var. mucronata</i>	dotted gayfeather	-	INV	G5T5	S2
<i>Lilium superbum</i>	Turk's-cap lily	-	INV	G5	S1
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Marshallia caespitosa var. caespitosa</i>	Barbara's-buttons	-	INV	G4T4	S2
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	-	INV	G5	S1S3
<i>Phlox amplifolia</i>	broad-leaf phlox	-	INV	G3G5	S1
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Prosartes lanuginosa</i>	yellow mandarin	-	INV	G5	S2
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Solidago gattingeri</i>	Gattinger's goldenrod	-	INV	G3?Q	S1
<i>Symphotrichum sericeum</i>	silvery aster	-	INV	G5	S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Trichomanes boschianum</i>	Appalachian filmy fern	-	ST	G4	S2S3
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Viburnum molle</i>	soft-leaf arrow-wood	-	INV	G5	S1

Special Elements-Natural Communities

Ozark-Ouachita Dry-Mesic Oak Forest	-	INV	GNR	SNR
Ozark-Ouachita Mesic Hardwood Forest	-	INV	GNR	SNR

Special Elements-Other

Colonial nesting site, water birds	-	INV	GNR	SNR
Geological feature	-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Marion County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Amblyscirtes aesculapius</i>	Lace-winged Roadside-Skipper	-	INV	G3G4	S1S3
<i>Bactrurus speleopolis</i>	Cave City cave amphipod	-	INV	G1	S1
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S2
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Calephelis muticum</i>	Swamp Metalmark	-	INV	G3	S1
<i>Cambarus zophonastes</i>	Hell Creek Cave crayfish	LE	SE	G1	S1
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Daedalochila peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Derops divalis</i>	a beetle	-	INV	GNR	S1
<i>Epioblasma triquetra</i>	snuffbox	LE	SE	G3	S1
<i>Hesperochnes occidentalis</i>	a pseudoscorpion	-	INV	G5	S1
<i>Heterosternuta phoebeae</i>	a predaceous diving beetle	-	INV	G2	S2
<i>Heterosternuta sulphurica</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S2
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	SE	G3G4T1	S1
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Erimystax harryi</i>	Ozark chub	-	INV	G3G4	S3S4
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Moxostoma anisurum</i>	silver redhorse	-	INV	G5	S1?
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G1G3	S1
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Sonora semiannulata</i>	groundsnake	-	INV	G5	SNR
Plants-Vascular					
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1

Marion County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Arabis hirsuta</i> var. <i>adpressipilis</i>	hairy rockcress	-	INV	G5T4Q	S1?
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Artemisia ludoviciana</i> ssp. <i>mexicana</i>	white sagebrush	-	INV	G5T5?	S1S2
<i>Asclepias incarnata</i> ssp. <i>incarnata</i>	swamp milkweed	-	INV	G5T5	S2
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex hitchcockiana</i>	Hitchcock's sedge	-	INV	G5	S1S2
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Carex pellita</i>	woolly sedge	-	INV	G5	S1S2
<i>Carex reznicekii</i>	Reznicek's sedge	-	INV	G5	S2?
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex suberecta</i>	prairie straw sedge	-	INV	G4	S2
<i>Carex timida</i>	timid sedge	-	INV	G2G4	S2S3
<i>Coreopsis grandiflora</i> var. <i>saxicola</i>	large-flower tickseed	-	INV	G5T4?	S3
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Desmodium illinoense</i>	Illinois tick-trefoil	-	INV	G5	S2
<i>Euonymus obovatus</i>	running strawberry-bush	-	INV	G5	S3
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Juncus subcaudatus</i>	fen rush	-	INV	G5	S1
<i>Liatris scariosa</i> var. <i>nieuwlandii</i>	northern blazing-star	-	INV	G5?T3T5	S2?
<i>Lipocarpa drummondii</i>	Drummond's halfchaff sedge	-	INV	G4G5	SH
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Lysimachia hybrida</i>	lowland yellow-loosestrife	-	INV	G5	S1
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Neviusia alabamensis</i>	Alabama snow-wreath	-	ST	G2	S1S2
<i>Pediomelum esculentum</i>	large Indian-breadroot	-	INV	G5	S2
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Poa wolfii</i>	Wolf's blue grass	-	INV	G4	S2
<i>Prenanthes aspera</i>	prairie rattlesnake-root	-	INV	G4?	S2S3
<i>Pycnanthemum virginianum</i>	Virginia mountain-mint	-	INV	G5	S1S2
<i>Rhynchospora capillacea</i>	capillary beaksedge	-	INV	G4	S2
<i>Ribes cynosbati</i>	prickly gooseberry	-	INV	G5	S2S3
<i>Salvia reflexa</i>	Rocky Mountain sage	-	INV	G5	SH
<i>Schedonnardus paniculatus</i>	tumble grass	-	INV	G5	S2
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Solidago gattingeri</i>	Gattinger's goldenrod	-	INV	G3?Q	S1
<i>Spiranthes lucida</i>	shining ladies'-tresses	-	INV	G5	S2
<i>Stenosiphon linifolius</i>	false gaura	-	ST	G5	S1
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Symphotrichum sericeum</i>	silvery aster	-	INV	G5	S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Viola canadensis</i> var. <i>canadensis</i>	Canadian white violet	-	INV	G5T5	S2
<i>Vitis rupestris</i>	sand grape	-	INV	G3	S3
<i>Waldsteinia fragarioides</i>	barren-strawberry	-	INV	G5	S1

Marion County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Special Elements-Natural Communities					
Central Interior Highlands Calcareous Glade and Barrens		-	INV	GNR	SNR
Ozark-Ouachita Dry Oak Woodland		-	INV	GNR	SNR
Ozark-Ouachita Fen		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Miller County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Callophrys irus hadros</i>	Frosted Elfyn	-	INV	G3T2T3	S1
<i>Faxonella blairi</i>	Blair's fencing crayfish	-	INV	G2	S2
<i>Neonympha areolatus</i>	Georgia Satyr	-	INV	G3G4	S2
<i>Poanes yehi</i>	Yehl Skipper	-	INV	G4	S1S3
<i>Pogonomyrmex comanche</i>	Comanche harvester ant	-	INV	GNR	S1S2
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Gallinula galeata</i>	Common Gallinule	-	INV	G5	S1B, S2N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Notropis atrocaudalis</i>	blackspot shiner	-	INV	G4	S3
<i>Notropis bairdi</i>	Red River shiner	-	INV	G4	SH
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Reithrodontomys humulis</i>	eastern harvest mouse	-	INV	G5	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
Plants-Vascular					
<i>Aletris aurea</i>	golden colicroot	-	INV	G5	S1S2
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Amorpha paniculata</i>	panicled indigo-bush	-	ST	G2G3	S1
<i>Aristida lanosa</i>	woolly three-awn	-	INV	G5	S2
<i>Asimina parviflora</i>	dwarf pawpaw	-	INV	G5	S2S3
<i>Astragalus leptocarpus</i>	slim-pod milk-vetch	-	INV	G5	S2
<i>Astragalus soxmaniorum</i>	Soxman's milk-vetch	-	INV	G3	S2
<i>Azolla caroliniana</i>	Carolina mosquito fern	-	INV	G5	SU
<i>Bergia texana</i>	Texas bergia	-	INV	G5	S2
<i>Berlandiera pumila var. pumila</i>	sandhill green-eyes	-	INV	G4G5TNR	S1
<i>Bouteloua hirsuta ssp. hirsuta</i>	hairy grama	-	SE	G5T5	S1
<i>Bulbostylis ciliatifolia var. coarctata</i>	fringe-leaf hairsedge	-	INV	G5T3T5	S1S2
<i>Callirhoe papaver</i>	woodland poppy-mallow	-	INV	G5	S1
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Coreopsis intermedia</i>	golden-wave tickseed	-	INV	G3	S1
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Croton michauxii</i>	narrow-leaf rushfoil	-	INV	G5	S1S2
<i>Cyperus hystricinus</i>	bristly flatsedge	-	INV	G4	S2S3

Miller County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Dalea phleoides</i> var. <i>microphylla</i>	little-leaf prairie-clover	-	ST	G4T4	S1
<i>Dalea villosa</i> var. <i>grisea</i>	silky prairie-clover	-	SE	G5T4	S1
<i>Delphinium carolinianum</i> ssp. <i>vimineum</i>	pinewoods larkspur	-	INV	G5T5	S2
<i>Diaperia candida</i>	silver rabbit-tobacco	-	INV	G3G5	S1S2
<i>Echinacea sanguinea</i>	sanguine purple coneflower	-	ST	G3G5	S2S3
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eryngium integrifolium</i>	blue-flower eryngo	-	INV	G5	S2
<i>Fuirena bushii</i>	Bush's umbrella sedge	-	INV	G5	S3
<i>Fuirena simplex</i> var. <i>aristulata</i>	western umbrella sedge	-	INV	G5T4	S1
<i>Geranium texanum</i>	Texas crane's-bill	-	INV	G4	SH
<i>Hymenopappus artemisiifolius</i> var. <i>artemisiifolius</i>	woolly-white	-	INV	G5T4	S2
<i>Ipomoea cordatotriloba</i> var. <i>cordatotriloba</i>	tie-vine morning-glory	-	INV	G5T5	S1
<i>Liatris squarrosa</i> var. <i>squarrosa</i>	hairy scaly blazing-star	-	INV	G5T5	S1
<i>Loeflingia squarrosa</i>	spreading loeflingia	-	INV	G5	S1
<i>Matelea cynanchoides</i>	milkvine	-	SE	G4G5	S1
<i>Mitreola sessilifolia</i>	swamp hornpod	-	INV	G4G5	S2
<i>Monarda luteola</i>	yellow-flower beebalm	-	INV	G2	S1
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Nuttallanthus canadensis</i>	sand blue toadflax	-	INV	G5	S1S2
<i>Oenothera heterophylla</i> ssp. <i>heterophylla</i>	sandhill evening-primrose	-	INV	G4TNR	S1
<i>Panicum rigidulum</i> ssp. <i>pubescens</i>	red-top panic grass	-	INV	G5T5?	S1
<i>Pediomelum digitatum</i>	palm-leaf Indian-breadroot	-	ST	G5	S1
<i>Pediomelum hypogaeum</i> var. <i>subulatum</i>	buried Indian-breadroot	-	SE	G5T4	S1
<i>Persea borbonia</i>	red bay	-	SE	G5	SH
<i>Phemeranthus rugospermus</i>	rough-seed fameflower	-	INV	G3G4	S1
<i>Physostegia digitalis</i>		-	INV	G5	S1
<i>Polygala incarnata</i>	pink milkwort	-	INV	G5	S1S2
<i>Prunus gracilis</i>	Oklahoma plum	-	INV	G4G5	S1
<i>Rhynchospora globularis</i> var. <i>globularis</i>	globe beaksedge	-	INV	G5?T5?	S2
<i>Rhynchospora gracilentia</i>	slender beaksedge	-	INV	G5	S2
<i>Rhynchospora rariflora</i>	few-flower beaksedge	-	ST	G5	S1S2
<i>Rudbeckia maxima</i>	great coneflower	-	INV	G4?	S3
<i>Scutellaria cardiophylla</i>	Gulf skullcap	-	INV	G4?	S1S2
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Senecio ampullaceus</i>	Texas ragwort	-	INV	G4	S1
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus hyacinthoides</i>	sandhill twistflower	-	ST	G4	S2
<i>Styphnolobium affine</i>	Eve's necklace	-	INV	G4	S2S3
<i>Tetragonotheca ludoviciana</i>	Louisiana squarehead	-	SE	G4	S1
<i>Thalictrum arkansanum</i>	Arkansas meadow-rue	-	ST	G2Q	S2
<i>Thelesperma flavodiscum</i>	yellow-disk greenthread	-	INV	G4	S1
<i>Tradescantia reverchonii</i>	Reverchon's spiderwort	-	INV	G4	S3
<i>Tragia smallii</i>	Small's noseburn	-	INV	G4?	S1
<i>Vicia ludoviciana</i> ssp. <i>leavenworthii</i>	Leavenworth's vetch	-	INV	G5T5	S1S2
<i>Vulpia sciurea</i>	squirrel-tail six-weeks grass	-	INV	G5	S1

Special Elements-Natural Communities

Forested Canebrake	-	INV	GNR	S1
Lowland Meander Scar Lake	-	INV	GNR	SNR
Lowland Pine-Oak Forest	-	INV	GNR	S1
Shrub Swamp	-	INV	GNR	S3

Miller County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
West Gulf Coastal Plain Sandhill Oak & Shortleaf Pine Forest & Woodland		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, swallows & swifts		-	INV	GNR	SNR
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Mississippi County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Potamilus capax</i>	fat pocketbook	LE	SE	G2	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Egretta tricolor</i>	Tricolored Heron	-	INV	G5	S3B, S3N
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Macrhybopsis meeki</i>	sicklefin chub	-	INV	G3	SNR
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Pandion haliaetus</i>	Osprey	-	INV	G5	S1B, S4N
<i>Platygobio gracilis</i>	flathead chub	-	INV	G5	S1?
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Reithrodontomys humulis</i>	eastern harvest mouse	-	INV	G5	S2
<i>Scaphiopus holbrookii</i>	eastern spadefoot	-	INV	G5	S2
<i>Scaphirhynchus albus</i>	pallid sturgeon	LE	SE	G2	S1
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
Plants-Vascular					
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Mentha arvensis</i>	wild mint	-	INV	G5	S1
<i>Mimulus ringens</i> var. <i>ringens</i>	Allegheny monkey-flower	-	INV	G5T5	S1S2
Special Elements-Natural Communities					
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Monroe County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela cursitans</i>	ant-like tiger beetle	-	INV	G4	S2S3
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Gryllotalpa major</i>	prairie mole cricket	-	INV	G3	S1S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Lirceus louisianae</i>	an isopod	-	INV	GNR	S1
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Potamilus alatus</i>	pink heelsplitter	-	INV	G5	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B, S2N
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Notropis sabinae</i>	sabine shiner	-	INV	G4	S2?
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
Plants-Vascular					
<i>Carex gigantea</i>	giant sedge	-	INV	G4	S1S2
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Minuartia drummondii</i>	Drummond's sandwort	-	INV	G5	S2S3
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
Special Elements-Natural Communities					
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
Lowland Headwater Stream-Delta		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Montgomery County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Callophrys irus hadros</i>	Frosted Elfyn	-	INV	G3T2T3	S1
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Cordulegaster talaria</i>	Ouachita spiketail	-	INV	G1G2	S1
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Fallicambarus harpi</i>	Ouachita burrowing crayfish	-	INV	G2	S2
<i>Gomphus ozarkensis</i>	Ozark clubtail	-	INV	G4	S1
<i>Hesperia meskei</i>	Meske's Skipper	-	INV	G3G4	S1S2
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligidium elrodii</i>	an isopod	-	INV	G4G5	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Ophiogomphus westfalli</i>	Westfall's snaketail	-	INV	G3	S1S2
<i>Orconectes menae</i>	Mena crayfish	-	INV	G3	S3
<i>Pentacora ouachita</i>	Ouachita shore bug	-	INV	GNR	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Problema byssus</i>	Byssus Skipper	-	INV	G3G4	S1
<i>Procambarus parasimulans</i>	Bismark burrowing crayfish	-	INV	G4	S3
<i>Procambarus tenuis</i>	Ouachita Mountain crayfish	-	INV	G3	S2
<i>Pseudactium magazinensis</i>	Ouachita pseudactium	-	INV	GNR	S1
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Stenotrema unciferum</i>	Ouachita slitmouth	-	INV	G2	SNR
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Crotalus atrox</i>	western diamond-backed rattlesnake	-	INV	G5	S2
<i>Etheostoma pallidorsum</i>	paleback darter	-	INV	G2	S2
<i>Hemidactylium scutatum</i>	four-toed salamander	-	INV	G5	S3
<i>Lythrurus snelsoni</i>	Ouachita shiner	-	INV	G3G4	SNR
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nocomis asper</i>	redspot chub	-	INV	G4	S2?
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Noturus lachneri</i>	Ouachita madtom	-	INV	G2	S2
<i>Noturus taylori</i>	Caddo madtom	-	INV	G1	S1?

Montgomery County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	-	INV	G2	S2
<i>Plethodon fourchensis</i>	Fourche Mountain salamander	-	INV	G2Q	S2
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3

Plants-Vascular

<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	G5T5	S2S3
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Asplenium x gravesii</i>	Graves' spleenwort	-	INV	GNA	S1
<i>Cardamine angustata</i>	slender toothwort	-	INV	G5	S2
<i>Carex bromoides ssp. bromoides</i>	brome sedge	-	INV	G5T5	S2
<i>Carex emoryi</i>	Emory's sedge	-	INV	G5	S1
<i>Carex laevivaginata</i>	smooth-sheath sedge	-	INV	G5	S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Carex pennsylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Carex prasina</i>	drooping sedge	-	INV	G4	SH
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex timida</i>	timid sedge	-	INV	G2G4	S2S3
<i>Cirsium muticum</i>	swamp thistle	-	ST	G5	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Dennstaedtia punctilobula</i>	hay-scented fern	-	INV	G5	S2
<i>Didiplis diandra</i>	water-purslane	-	INV	G5	S1S3
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dryopteris celsa</i>	log fern	-	INV	G4	S2
<i>Dryopteris x australis</i>	Dixie wood fern	-	INV	GNA	S1
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Euphorbia longicuris</i>	wedge-leaf spurge	-	INV	G4G5	S1
<i>Euphorbia sp. nov.</i>	Ouachita spurge	-	INV	GNR	S3
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Galium arkansanum var. pubiflorum</i>	hairy-flower Arkansas bedstraw	-	INV	G5TNR	S2
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Helianthus occidentalis ssp. plantagineus</i>	plantain-leaf sunflower	-	INV	G5T2T3	S1
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Ilex longipes</i>	Georgia holly	-	INV	G5	S3
<i>Iris verna var. smalliana</i>	dwarf iris	-	INV	G5T4T5	S2
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Luzula acuminata var. carolinae</i>	Carolina wood-rush	-	INV	G5T4T5	S2
<i>Marshallia caespitosa var. caespitosa</i>	Barbara's-buttons	-	INV	G4T4	S2

Montgomery County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	-	INV	G5	S1S3
<i>Paronychia virginica</i>	yellow nailwort	-	INV	G4	S2
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Polymnia cossatotensis</i>	Cossatot leafcup	-	INV	G1	S1
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Quercus acerifolia</i>	maple-leaf oak	-	ST	G1	S1
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Sium suave</i>	water-parsnip	-	INV	G5	S1S3
<i>Solidago ouachitensis</i>	Ouachita goldenrod	-	INV	G3	S3
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Tradescantia longipes</i>	dwarf spiderwort	-	INV	G4	S2
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3	S3
<i>Uvularia perfoliata</i>	perfoliate bellwort	-	INV	G5	S3
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<i>Valerianella palmeri</i>	Palmer's cornsalad	-	INV	G3	S3
<i>Veratrum woodii</i>	Wood's false hellebore	-	INV	G5	S3
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Vitis rupestris</i>	sand grape	-	INV	G3	S3

Special Elements-Natural Communities

Ouachita Mountain Forested Seep	-	INV	GNR	SNR
Ozark-Ouachita Shortleaf Pine-Oak Forest	-	INV	GNR	SNR
Upland Headwater Stream-Ouachita Mountains	-	INV	GNR	SNR
Upland Stream-Ouachita Mountains	-	INV	GNR	SNR

Special Elements-Other

Colonial nesting site, water birds	-	INV	GNR	SNR
Geological feature	-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Nevada County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Bouchardina robisoni</i>	Bayou Bodcau crayfish	-	INV	G2	S1
<i>Caecidotea foxi</i>	an isopod	-	INV	GNR	S1
<i>Caecidotea obtusa</i>	an isopod	-	INV	GNR	S1
<i>Cicindela formosa pigmentosignata</i>	big sand tiger beetle	-	INV	G5T5	S2S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Neonympha areolatus</i>	Georgia Satyr	-	INV	G3G4	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Pogonomyrmex comanche</i>	Comanche harvester ant	-	INV	GNR	S1S2
<i>Procambarus parasimulans</i>	Bismark burrowing crayfish	-	INV	G4	S3
<i>Procambarus regalis</i>	Regal burrowing crayfish	-	INV	G2G3	S2S3
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Alosa alabamae</i>	Alabama shad	-	INV	G2G3	S1S2
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Micrurus tener tener</i>	Texas coral snake	-	INV	G5T5	S2
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Noturus phaeus</i>	brown madtom	-	INV	G4	S1
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
Plants-Vascular					
<i>Aristida desmantha</i>	curly three-awn	-	INV	G5	S1
<i>Aristida lanosa</i>	woolly three-awn	-	INV	G5	S2
<i>Astragalus leptocarpus</i>	slim-pod milk-vetch	-	INV	G5	S2
<i>Astragalus soxmaniorum</i>	Soxman's milk-vetch	-	INV	G3	S2
<i>Bulbostylis ciliatifolia var. coarctata</i>	fringe-leaf hairsedge	-	INV	G5T3T5	S1S2
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Coreopsis basalis</i>	golden-mane tickseed	-	INV	G5	S2
<i>Croton michauxii</i>	narrow-leaf rushfoil	-	INV	G5	S1S2
<i>Cyperus grayoides</i>	Illinois flatsedge	-	INV	G3	S1

Nevada County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Cyperus hystericus</i>	bristly flatsedge	-	INV	G4	S2S3
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Danthonia sericea</i>	downy oat grass	-	INV	G5?	S1
<i>Delphinium carolinianum</i> ssp. <i>vimineum</i>	pinewoods larkspur	-	INV	G5T5	S2
<i>Diaperia candida</i>	silver rabbit-tobacco	-	INV	G3G5	S1S2
<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eriogonum multiflorum</i> var. <i>multiflorum</i>	many-flower wild buckwheat	-	INV	G5T3T5	S3
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Halesia diptera</i>	two-wing silverbell	-	SE	G5	SH
<i>Hymenopappus artemisiifolius</i> var. <i>artemisiifolius</i>	woolly-white	-	INV	G5T4	S2
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Nuttallanthus canadensis</i>	sand blue toadflax	-	INV	G5	S1S2
<i>Oenothera heterophylla</i> ssp. <i>orientalis</i>	eastern sandhill evening-primrose	-	INV	G4TU	S1S2
<i>Palhinhaea cernua</i>	nodding club-moss	-	INV	G5	S1
<i>Panicum rigidulum</i> ssp. <i>pubescens</i>	red-top panic grass	-	INV	G5T5?	S1
<i>Pediomelum hypogaeum</i> var. <i>subulatum</i>	buried Indian-breadroot	-	SE	G5T4	S1
<i>Penstemon murrayanus</i>	scarlet beardtongue	-	ST	G4	S2
<i>Phacelia strictiflora</i> var. <i>robbinsii</i>	Robbins' prairie scorpion-weed	-	INV	G5T4	S1S2
<i>Polanisia erosa</i> ssp. <i>erosa</i>	sandhill clammy-weed	-	INV	G5T5	S1S2
<i>Pseudolycopodiella caroliniana</i>	slender bog club-moss	-	INV	G4	S1
<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	white water crowfoot	-	INV	G5T5	S2S3
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Smilax walteri</i>	red-berried greenbrier	-	INV	G5	S2S3
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Streptanthus hyacinthoides</i>	sandhill twistflower	-	ST	G4	S2
<i>Stylisma pickeringii</i> var. <i>pattersonii</i>	Patterson's dawnflower	-	INV	G4T4	S2
<i>Styphnolobium affine</i>	Eve's necklace	-	INV	G4	S2S3
<i>Tradescantia reverchonii</i>	Reverchon's spiderwort	-	INV	G4	S3
<i>Trifolium bejariense</i>	Bejar clover	-	INV	G4	SH
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Vulpia sciurea</i>	squirrel-tail six-weeks grass	-	INV	G5	S1

Special Elements-Natural Communities

Cypress-Tupelo Swamp	-	INV	GNR	S2
Lowland Oak-Sweetgum Forest	-	INV	GNR	S1
West Gulf Coastal Plain Sandhill Oak & Shortleaf Pine Forest & Woodland	-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Newton County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Alasmidonta viridis</i>	slippershell mussel	-	INV	G4G5	S1
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S2
<i>Caecidotea macropropoda</i>	bat cave isopod	-	INV	G2G3	S2
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Cambarus causeyi</i>	Boston Mountains crayfish	-	INV	G2	S1
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4G5	S2
<i>Crosbyella distincta</i>	a cave obligate harvestman	-	INV	G1G2	S1
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Dendrocoelopsis americana</i>	a cave obligate planarian	-	INV	G2G3	S1
<i>Hesperochernes occidentalis</i>	a pseudoscorpion	-	INV	G5	S1
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Heterosternuta phoebeae</i>	a predaceous diving beetle	-	INV	G2	S2
<i>Heterosternuta sulphurica</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Pseudactium ursum</i>	Ozark pseudactium	-	INV	GNR	S1
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Scaphinotus inflectus</i>	a ground beetle	-	INV	GNR	S1
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S2
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Trigenotyia parca</i>	a cave obligate millipede	-	INV	G1G2	S1
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Accipiter striatus</i>	Sharp-shinned Hawk	-	INV	G5	S1S2B
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	SE	G3G4T1	S1
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4	S3S4
<i>Etheostoma autumnale</i>	autumn darter	-	INV	G4	S2
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G1G3	S1
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2

Newton County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Setophaga cerulea</i>	Cerulean Warbler	-	INV	G4	S3B
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S1B, S1S2N
Plants-Vascular					
<i>Abutilon fruticosum</i>	Texas Indian-mallow	-	INV	G4G5	S1
<i>Anemone acutiloba</i>	sharp-lobe hepatica	-	INV	G5	S1S2
<i>Blephilia hirsuta</i>	hairy wood mint	-	INV	G5?	S1
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex hirtifolia</i>	hairy sedge	-	INV	G5	S3
<i>Carex hitchcockiana</i>	Hitchcock's sedge	-	INV	G5	S1S2
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Cerastium velutinum var. velutinum</i>	velvety chickweed	-	INV	GNRT4?	S1
<i>Collinsia verna</i>	blue-eyed Mary	-	INV	G5	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Elymus riparius</i>	river-bank wild rye	-	INV	G5	S1S2
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Huperzia lucidula</i>	shining fir-moss	-	INV	G5	S2S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Lilium superbum</i>	Turk's-cap lily	-	INV	G5	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Muhlenbergia bushii</i>	nodding muhly	-	INV	G5	S2
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Neviusia alabamensis</i>	Alabama snow-wreath	-	ST	G2	S1S2
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	-	INV	G5	S1S3
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Phacelia giloides</i>	Brand's scorpion-weed	-	INV	G5	S2S3
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Physalis missouriensis</i>	Missouri ground-cherry	-	INV	G5?	SH
<i>Primula frenchii</i>	French's shooting-star	-	ST	G3	S2
<i>Prosartes lanuginosa</i>	yellow mandarin	-	INV	G5	S2
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Smilax ecirrhata</i>	carion-flower	-	INV	G5?	SH
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Symphotrichum sericeum</i>	silvery aster	-	INV	G5	S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3	S3

Newton County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Veratrum woodii</i>	Wood's false hellebore	-	INV	G5	S3
<i>Viola canadensis var. canadensis</i>	Canadian white violet	-	INV	G5T5	S2
Special Elements-Natural Communities					
Central Interior Highlands & Appalachian Sinkhole & Depression Pond		-	INV	GNR	SNR
Ozark-Ouachita Mesic Hardwood Forest		-	INV	GNR	SNR
Upland Headwater Stream-Ozark Mountains		-	INV	GNR	SNR
Upland River-Ozark Mountains		-	INV	GNR	SNR
Upland Stream-Ozark Mountains		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Ouachita County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	SE	G1	S1
<i>Caecidotea foxi</i>	an isopod	-	INV	GNR	S1
<i>Cicindela formosa pigmentosignata</i>	big sand tiger beetle	-	INV	G5T5	S2S3
<i>Cumberlandia monodonta</i>	spectaclecase	LE	SE	G3	S1
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Neonympha areolatus</i>	Georgia Satyr	-	INV	G3G4	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Pogonomyrmex comanche</i>	Comanche harvester ant	-	INV	GNR	S1S2
<i>Procambarus parasimulans</i>	Bismark burrowing crayfish	-	INV	G4	S3
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	SE	G1	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Acipenser fulvescens</i>	lake sturgeon	-	INV	G3G4	S1
<i>Alosa alabamae</i>	Alabama shad	-	INV	G2G3	S1S2
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lampropeltis triangulum amaura</i>	Louisiana milksnake	-	INV	G5T4	S3
<i>Micrurus tener tener</i>	Texas coral snake	-	INV	G5T5	S2
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Scaphiopus huerterii</i>	Hurter's spadefoot	-	INV	G5	S2

Ouachita County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Plants-Vascular					
<i>Acer saccharum</i> var. <i>leucoderme</i>	chalk maple	-	INV	G5T5	S2S3
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Aristida lanosa</i>	woolly three-awn	-	INV	G5	S2
<i>Astragalus leptocarpus</i>	slim-pod milk-vetch	-	INV	G5	S2
<i>Astragalus soxmaniorum</i>	Soxman's milk-vetch	-	INV	G3	S2
<i>Bolboschoenus robustus</i>	salt-marsh bulrush	-	INV	G5	S1
<i>Bulbostylis ciliatifolia</i> var. <i>coarctata</i>	fringe-leaf hairsedge	-	INV	G5T3T5	S1S2
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Coelorachis rugosa</i>	wrinkled joint-tail	-	INV	G5	S2
<i>Coreopsis basalis</i>	golden-mane tickseed	-	INV	G5	S2
<i>Croton michauxii</i>	narrow-leaf rushfoil	-	INV	G5	S1S2
<i>Cyperus grayoides</i>	Illinois flatsedge	-	INV	G3	S1
<i>Cyperus hystricinus</i>	bristly flatsedge	-	INV	G4	S2S3
<i>Cyripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Danthonia sericea</i>	downy oat grass	-	INV	G5?	S1
<i>Delphinium carolinianum</i> ssp. <i>vimineum</i>	pinewoods larkspur	-	INV	G5T5	S2
<i>Diaperia candida</i>	silver rabbit-tobacco	-	INV	G3G5	S1S2
<i>Diaperia verna</i> var. <i>verna</i>	many-stem rabbit-tobacco	-	INV	G5TNR	SH
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eriogonum multiflorum</i> var. <i>multiflorum</i>	many-flower wild buckwheat	-	INV	G5T3T5	S3
<i>Hymenopappus artemisiifolius</i> var. <i>artemisiifolius</i>	woolly-white	-	INV	G5T4	S2
<i>Ipomoea cordatotriloba</i> var. <i>cordatotriloba</i>	tie-vine morning-glory	-	INV	G5T5	S1
<i>Leersia hexandra</i>	southern cut grass	-	INV	G5	S1
<i>Nuttallanthus canadensis</i>	sand blue toadflax	-	INV	G5	S1S2
<i>Oenothera heterophylla</i> ssp. <i>orientalis</i>	eastern sandhill evening-primrose	-	INV	G4TU	S1S2
<i>Paspalum boscianum</i>	bull paspalum	-	INV	G5	S1
<i>Penstemon murrayanus</i>	scarlet beardtongue	-	ST	G4	S2
<i>Phacelia strictiflora</i> var. <i>robbinsii</i>	Robbins' prairie scorpion-weed	-	INV	G5T4	S1S2
<i>Phemeranthus rugospermus</i>	rough-seed fameflower	-	INV	G3G4	S1
<i>Polanisia erosa</i> ssp. <i>erosa</i>	sandhill clammy-weed	-	INV	G5T5	S1S2
<i>Quercus hemisphaerica</i>	Darlington's oak	-	INV	G5	S1S2
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Smilax walteri</i>	red-berried greenbrier	-	INV	G5	S2S3
<i>Solidago patula</i> ssp. <i>strictula</i>	swamp goldenrod	-	INV	G5T5	S1S2
<i>Spiraea tomentosa</i>	hardhack	-	INV	G5	S2
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Sporobolus junceus</i>	pineywoods dropseed	-	ST	G5	S1S2
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Stewartia malacodendron</i>	silky-camellia	-	SE	G4	S1
<i>Streptanthus hyacinthoides</i>	sandhill twistflower	-	ST	G4	S2
<i>Stylisma pickeringii</i> var. <i>pattersonii</i>	Patterson's dawnflower	-	INV	G4T4	S2
<i>Tradescantia reverchonii</i>	Reverchon's spiderwort	-	INV	G4	S3
<i>Viburnum dentatum</i> var. <i>scabrellum</i>	southern arrow-wood	-	INV	G5TNR	SH
<i>Vulpia sciurea</i>	squirrel-tail six-weeks grass	-	INV	G5	S1

Special Elements-Natural Communities

West Gulf Coastal Plain Sandhill Oak & Shortleaf Pine Forest & Woodland	-	INV	GNR	SNR
---	---	-----	-----	-----

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Perry County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alloperla caddo</i>	Caddo sallfly	-	INV	G1G2	S1
<i>Amblyscirtes aesculapius</i>	Lace-winged Roadside-Skipper	-	INV	G3G4	S1S3
<i>Caecidotea holti</i>	an isopod	-	INV	GNR	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Leptodea leptodon</i>	scaleshell	LE	SE	G1G2	S1
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Ochrotrichia robisoni</i>	a microcaddisfly	-	INV	G1G3	S1
<i>Problema byssus</i>	Byssus Skipper	-	INV	G3G4	S1
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Accipiter cooperii</i>	Cooper's Hawk	-	INV	G5	S1B, S3N
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Crotalus atrox</i>	western diamond-backed rattlesnake	-	INV	G5	S2
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hemidactylium scutatum</i>	four-toed salamander	-	INV	G5	S3
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5	S2
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
Plants-Vascular					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Bergia texana</i>	Texas bergia	-	INV	G5	S2
<i>Calamovilfa arcuata</i>	Cumberland sand-reed	-	INV	G2G3	S1
<i>Carex pensylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Carex willdenowii</i>	Willdenow's sedge	-	INV	G5	S1
<i>Cyripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3

Perry County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Helianthus occidentalis ssp. plantagineus</i>	plantain-leaf sunflower	-	INV	G5T2T3	S1
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Marshallia caespitosa var. signata</i>	leafy Barbara's-buttons	-	INV	G4T4	S1
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Uvularia perfoliata</i>	perfoliate bellwort	-	INV	G5	S3
<i>Woodsia appalachiana</i>	Appalachian cliff fern	-	INV	G4	S1
<i>Xyris difformis var. difformis</i>	bog yellow-eyed-grass	-	INV	G5T5	S2
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Phillips County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Lirceus louisianae</i>	an isopod	-	INV	GNR	S1
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Macrobrachium ohione</i>	Ohio shrimp	-	INV	G4	S1?
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Potamilus capax</i>	fat pocketbook	LE	SE	G2	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
Animals-Vertebrates					
<i>Acipenser fulvescens</i>	lake sturgeon	-	INV	G3G4	S1
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Noturus flavus</i>	stonecat	-	INV	G5	S1
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Scaphirhynchus albus</i>	pallid sturgeon	LE	SE	G2	S1
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
Plants-Vascular					
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Obolaria virginica</i>	Virginia pennywort	-	INV	G5	S2
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	-	INV	G5	S1S3
<i>Schisandra glabra</i>	bay star-vine	-	INV	G3	S2S3
<i>Ulmus thomasii</i>	rock elm	-	INV	G5	S2
<i>Zannichellia palustris</i>	horned-pondweed	-	INV	G5	S2S3
Special Elements-Natural Communities					
Mississippi River Riparian Forest		-	INV	GNR	SNR
Southern Crowley's Ridge Mesic Loess Slope Forest		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Pike County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Alasmidonta viridis</i>	slippershell mussel	-	INV	G4G5	S1
<i>Amblyscirtes aesculapius</i>	Lace-winged Roadside-Skipper	-	INV	G3G4	S1S3
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Fallicambarus harpi</i>	Ouachita burrowing crayfish	-	INV	G2	S2
<i>Fallicambarus jeanae</i>	Daisie burrowing crayfish	-	INV	G2	S2
<i>Fallicambarus strawni</i>	Saline burrowing crayfish	-	INV	G1G2	S1
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Procambarus parasimulans</i>	Bismark burrowing crayfish	-	INV	G4	S3
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Stenotrema unciferum</i>	Ouachita slitmouth	-	INV	G2	SNR
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Acipenser fulvescens</i>	lake sturgeon	-	INV	G3G4	S1
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	-	INV	G5	S1
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Etheostoma pallidiorsum</i>	paleback darter	-	INV	G2	S2
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Nocomis asper</i>	redspot chub	-	INV	G4	S2?
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Noturus taylori</i>	Caddo madtom	-	INV	G1	S1?
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	-	INV	G2	S2
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Setophaga cerulea</i>	Cerulean Warbler	-	INV	G4	S3B
Plants-Vascular					
<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	G5T5	S2S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Cardamine angustata</i>	slender toothwort	-	INV	G5	S2

Pike County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex emoryi</i>	Emory's sedge	-	INV	G5	S1
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Carex pennsylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex timida</i>	timid sedge	-	INV	G2G4	S2S3
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Deschampsia flexuosa</i>	wavy hair grass	-	INV	G5	S2S3
<i>Galium arkansanum var. pubiflorum</i>	hairy-flower Arkansas bedstraw	-	INV	G5TNR	S2
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Ilex longipes</i>	Georgia holly	-	INV	G5	S3
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Luzula acuminata var. carolinae</i>	Carolina wood-rush	-	INV	G5T4T5	S2
<i>Lycopodiella prostrata</i>	prostrate bog club-moss	-	INV	G5	S1
<i>Pseudolycopodiella caroliniana</i>	slender bog club-moss	-	INV	G4	S1
<i>Selaginella arenicola ssp. riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Solidago ouachitensis</i>	Ouachita goldenrod	-	INV	G3	S3
<i>Streptanthus maculatus ssp. obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Streptanthus squamiformis</i>	Ouachita twistflower	-	ST	G2G3	S2

Special Elements-Natural Communities

West Gulf Coastal Plain Seepage Swamp and Baygall	-	INV	GNR	SNR
---	---	-----	-----	-----

Special Elements-Other

Geological feature	-	INV	GNR	SNR
--------------------	---	-----	-----	-----

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Poinsett County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Potamilus capax</i>	fat pocketbook	LE	SE	G2	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Asio flammeus</i>	Short-eared Owl	-	INV	G5	S3N
<i>Carphophis amoenus helenae</i>	midwest worm snake	-	INV	G5T5	S2
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Deirochelys reticularia miaria</i>	western chicken turtle	-	INV	G5T5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Taxidea taxus</i>	American badger	-	INV	G5	S1S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S1B, S1S2N
Plants-Vascular					
<i>Carex muskingumensis</i>	palm sedge	-	INV	G4	S1
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Polk County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Abacion wilhelminae</i>	a millipede	-	INV	GNR	S1
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Caecidotea fonticulus</i>	an isopod	-	INV	GNR	S1
<i>Caecidotea oculata</i>	an isopod	-	INV	G2G3	S1
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Dendrocoelopsis americana</i>	a cave obligate planarian	-	INV	G2G3	S1
<i>Derops divalis</i>	a beetle	-	INV	GNR	S1
<i>Diplocardia meansi</i>	an earthworm	-	INV	GNR	S2S3
<i>Fallicambarus strawni</i>	Saline burrowing crayfish	-	INV	G1G2	S1
<i>Hesperia meskei</i>	Meske's Skipper	-	INV	G3G4	S1S2
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Lirceus ouachitaensis</i>	an isopod	-	INV	GNR	S1
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Orconectes menae</i>	Mena crayfish	-	INV	G3	S3
<i>Paucicalcaria ozarkensis</i>	a microcaddisfly	-	INV	G1	S1
<i>Problema byssus</i>	Byssus Skipper	-	INV	G3G4	S1
<i>Procambarus parasimulans</i>	Bismark burrowing crayfish	-	INV	G4	S3
<i>Procambarus reimeri</i>	Irons Fork burrowing crayfish	-	INV	G1	S1
<i>Procambarus tenuis</i>	Ouachita Mountain crayfish	-	INV	G3	S2
<i>Pseudactium magazinensis</i>	Ouachita pseudactium	-	INV	GNR	S1
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Stenotrema pilsbryi</i>	Rich Mountain slitmouth	-	INV	G2	S2
<i>Stenotrema unciferum</i>	Ouachita slitmouth	-	INV	G2	SNR
<i>Stygobromus montanus</i>	Mountain Cave Amphipod	-	INV	G1G2	S1?
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<i>Zealeuctra wachita</i>	Ouachita needlefly	-	INV	G2	S1
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Crotalus atrox</i>	western diamond-backed Rattlesnake	-	INV	G5	S2
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Etheostoma pallidiorum</i>	paleback darter	-	INV	G2	S2
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Hemidactylium scutatum</i>	four-toed salamander	-	INV	G5	S3
<i>Lampropeltis triangulum amaura</i>	Louisiana milksnake	-	INV	G5T4	S3
<i>Lythrurus snelsoni</i>	Ouachita shiner	-	INV	G3G4	SNR
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G1G3	S1

Polk County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Noturus taylori</i>	Caddo madtom	-	INV	G1	S1?
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Percina pantherina</i>	leopard darter	LT	SE	G2	S1
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Plestiodon obtusirostris</i>	southern prairie skink	-	INV	G5	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	-	INV	G2	S2
<i>Plethodon fourchensis</i>	Fourche Mountain salamander	-	INV	G2Q	S2
<i>Plethodon kiamichi</i>	Kiamichi slimy salamander	-	INV	G2	S1
<i>Plethodon ouachitae</i>	Rich Mountain salamander	-	INV	G2G3	S2
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5	S2
<i>Setophaga cerulea</i>	Cerulean Warbler	-	INV	G4	S3B
<i>Sonora semiannulata</i>	groundsnake	-	INV	G5	SNR
<i>Sorex longirostris</i>	southeastern shrew	-	INV	G5	S2
Plants-Vascular					
<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	G5T5	S2S3
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Astragalus crassicaarpus var. crassicaarpus</i>	purple ground-plum	-	INV	G5T5	S2
<i>Calamagrostis porteri ssp. insperata</i>	Porter's reed grass	-	SE	G4T3	SH
<i>Cardamine angustata</i>	slender toothwort	-	INV	G5	S2
<i>Cardamine dissecta</i>	fork-leaf toothwort	-	INV	G4?	S1
<i>Carex comosa</i>	bottle-brush sedge	-	INV	G5	S1S2
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Carex hitchcockiana</i>	Hitchcock's sedge	-	INV	G5	S1S2
<i>Carex laevivaginata</i>	smooth-sheath sedge	-	INV	G5	S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Carex pennsylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Carex scoparia var. scoparia</i>	pointed broom sedge	-	INV	G5T5	S1S2
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex timida</i>	timid sedge	-	INV	G2G4	S2S3
<i>Carex willdenowii</i>	Willdenow's sedge	-	INV	G5	S1
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Deschampsia flexuosa</i>	wavy hair grass	-	INV	G5	S2S3
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dryopteris celsa</i>	log fern	-	INV	G4	S2
<i>Dryopteris x australis</i>	Dixie wood fern	-	INV	GNA	S1
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Elymus glaucus ssp. mackenzii</i>	Mackenzie's blue wild rye	-	INV	G5TNR	S1
<i>Euphorbia longicruris</i>	wedge-leaf spurge	-	INV	G4G5	S1
<i>Euphorbia sp. nov.</i>	Ouachita spurge	-	INV	GNR	S3
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Galium arkansanum var. pubiflorum</i>	hairy-flower Arkansas bedstraw	-	INV	G5TNR	S2
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3

Polk County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Ilex longipes</i>	Georgia holly	-	INV	G5	S3
<i>Iris verna</i> var. <i>smalliana</i>	dwarf iris	-	INV	G5T4T5	S2
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Luzula acuminata</i> var. <i>carolinae</i>	Carolina wood-rush	-	INV	G5T4T5	S2
<i>Polymnia cossatotensis</i>	Cossatot leafcup	-	INV	G1	S1
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Quercus acerifolia</i>	maple-leaf oak	-	ST	G1	S1
<i>Ribes cynosbati</i>	prickly gooseberry	-	INV	G5	S2S3
<i>Rosa foliolosa</i>	white prairie rose	-	INV	G5	S2
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Scirpus polyphyllus</i>	leafy bulrush	-	INV	G5	S2
<i>Solidago ouachitensis</i>	Ouachita goldenrod	-	INV	G3	S3
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Streptanthus squamiformis</i>	Ouachita twistflower	-	ST	G2G3	S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3	S3
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<i>Valerianella palmeri</i>	Palmer's cornsalad	-	INV	G3	S3
<i>Veratrum woodii</i>	Wood's false hellebore	-	INV	G5	S3
<i>Verbesina walteri</i>	rayless crownbeard	-	INV	G4	S1
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Xyris difformis</i> var. <i>difformis</i>	bog yellow-eyed-grass	-	INV	G5T5	S2

Special Elements-Natural Communities

Ouachita Montane Oak Forest	-	INV	GNR	SNR
Ouachita Mountain Forested Seep	-	INV	GNR	SNR
Ozark-Ouachita Mesic Hardwood Forest	-	INV	GNR	SNR
Ozark-Ouachita Shortleaf Pine-Oak Forest	-	INV	GNR	SNR
Upland Headwater Stream-Ouachita Mountains	-	INV	GNR	SNR
Upland Stream-Ouachita Mountains	-	INV	GNR	SNR
Xeric Shortleaf Pine-Oak Woodland	-	INV	GNR	S3

Special Elements-Other

Colonial nesting site, water birds	-	INV	GNR	SNR
Geological feature	-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Pope County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cambarus causeyi</i>	Boston Mountains crayfish	-	INV	G2	S1
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4G5	S2
<i>Crangonyx aka</i>	an amphipod	-	INV	G1	S1?
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Scaphinotus inflectus</i>	a ground beetle	-	INV	GNR	S1
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Accipiter striatus</i>	Sharp-shinned Hawk	-	INV	G5	S1S2B
<i>Asio flammeus</i>	Short-eared Owl	-	INV	G5	S3N
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma mihileze</i>	sunburst darter	-	INV	G4	S3
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G1G3	S1
<i>Notropis girardi</i>	Arkansas River shiner	LT	SE	G2	SX
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pandion haliaetus</i>	Osprey	-	INV	G5	S1B, S4N
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5	S2
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<i>Setophaga cerulea</i>	Cerulean Warbler	-	INV	G4	S3B
<i>Sorex longirostris</i>	southeastern shrew	-	INV	G5	S2
<i>Spea bombifrons</i>	plains spadefoot	-	INV	G5	S1
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B

Pope County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Plants-Vascular					
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Claytonia caroliniana</i>	Carolina spring-beauty	-	INV	G5	SU
<i>Crataegus macrocarpa</i>	fan-leaf hawthorn	-	INV	G5	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Dalea lanata</i> var. <i>lanata</i>	woolly prairie-clover	-	INV	G5TNR	S2S3
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Euphorbia hexagona</i>	six-angle spurge	-	INV	G5	S2
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Helianthus occidentalis</i> ssp. <i>plantagineus</i>	plantain-leaf sunflower	-	INV	G5T2T3	S1
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Hydrocotyle americana</i>	marsh pennywort	-	INV	G5	SH
<i>Lilium superbum</i>	Turk's-cap lily	-	INV	G5	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Neviusia alabamensis</i>	Alabama snow-wreath	-	ST	G2	S1S2
<i>Osmunda claytoniana</i>	interrupted fern	-	ST	G5	S1
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	-	INV	G5	S1S2
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Utricularia subulata</i>	zigzag bladderwort	-	INV	G5	S2
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Vitis rupestris</i>	sand grape	-	INV	G3	S3
Special Elements-Natural Communities					
Arkansas Valley Prairie and Woodland		-	INV	GNR	SNR
Central Interior Highlands & Appalachian Sinkhole & Depression Pond		-	INV	GNR	SNR
Central Interior Highlands Dry Acidic Glade and Barrens		-	INV	GNR	SNR
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
Sandstone Glade/Outcrop		-	INV	GNR	S4
South-Central Interior Large Floodplain		-	INV	GNR	SNR
Upland Stream-Ozark Mountains		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Prairie County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Gryllotalpa major</i>	prairie mole cricket	-	INV	G3	S1S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Potamilus capax</i>	fat pocketbook	LE	SE	G2	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Tetraopes quinque maculatus</i>	a red milkweed beetle	-	INV	GNR	S1S2
Animals-Vertebrates					
<i>Acipenser fulvescens</i>	lake sturgeon	-	INV	G3G4	S1
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B, S2N
<i>Asio flammeus</i>	Short-eared Owl	-	INV	G5	S3N
<i>Calcarius pictus</i>	Smith's Longspur	-	INV	G5	S2N
<i>Cistothorus platensis</i>	Sedge Wren	-	INV	G5	S1S2B, S4N
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Deirochelys reticularia miaria</i>	western chicken turtle	-	INV	G5T5	S3
<i>Empidonax traillii</i>	Willow Flycatcher	-	INV	G5	S1B
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
Plants-Vascular					
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G3	S2
<i>Carex arkansana</i>	Arkansas sedge	-	INV	G4	S1
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Coelorachis rugosa</i>	wrinkled joint-tail	-	INV	G5	S2
<i>Crataegus x canescens</i>	Stern's medlar	-	INV	G1	S1
<i>Cuscuta glomerata</i>	rope dodder	-	INV	G5	S1
<i>Dichanthelium dichotomum ssp. roanokense</i>	Roanoke rosette grass	-	INV	G5TNR	S1
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Hypericum adpressum</i>	creeping St. John's-wort	-	INV	G3	S1
<i>Koeleria macrantha</i>	prairie June grass	-	INV	G5	S2
<i>Muhlenbergia glabrifloris</i>	inland muhly	-	INV	G4?	S1
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3

Prairie County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Oenothera pilosella</i> ssp. <i>sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Paspalum boscianum</i>	bull paspalum	-	INV	G5	S1
<i>Polygala incarnata</i>	pink milkwort	-	INV	G5	S1S2
<i>Prenanthes aspera</i>	prairie rattlesnake-root	-	INV	G4?	S2S3
<i>Prunus pumila</i> var. <i>susquehanae</i>	sand cherry	-	ST	G5T4	S1
<i>Pycnanthemum verticillatum</i>	Whorled Mountain-mint	-	INV	G5	S1
<i>Sabatia campanulata</i>	slender rose-gentian	-	SE	G5	S1
<i>Solidago speciosa</i> var. <i>rigidiuscula</i>	narrow-leaf showy goldenrod	-	INV	G5T4	S2S3
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Spiraea tomentosa</i>	hardhack	-	INV	G5	S2
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3

Special Elements-Natural Communities

Lower Mississippi Alluvial Plain Grand Prairie	-	INV	GNR	SNR
Lower Mississippi River Bottomland Depression	-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Pulaski County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Arianops copelandi</i>	Copeland's mold beetle	-	INV	GNR	S1
<i>Dryobius sexnotatus</i>	six-banded longhorn beetle	-	INV	GNR	S2
<i>Hesperia meskei</i>	Meske's Skipper	-	INV	G3G4	S1S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Papaipema eryngii</i>	Rattlesnake-master borer moth	C	INV	G1G2	S1
<i>Somatochlora ozarkensis</i>	Ozark emerald	-	INV	G3	S1
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
Animals-Vertebrates					
<i>Accipiter cooperii</i>	Cooper's Hawk	-	INV	G5	S1B, S3N
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	-	INV	G5	S1
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B, S2N
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Crotalus atrox</i>	western diamond-backed rattlesnake	-	INV	G5	S2
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Gallinula galeata</i>	Common Gallinule	-	INV	G5	S1B, S2N
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Porphyrio martinicus</i>	Purple Gallinule	-	INV	G5	S1B
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5	S2
<i>Rallus elegans</i>	King Rail	-	INV	G4	S1B, S3N
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
Plants-Vascular					
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Bergia texana</i>	Texas bergia	-	INV	G5	S2
<i>Callirhoe alcaeoides</i>	plains poppy-mallow	-	INV	G5?	S1?
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Carex arkansana</i>	Arkansas sedge	-	INV	G4	S1

Pulaski County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex bromoides</i> ssp. <i>bromoides</i>	brome sedge	-	INV	G5T5	S2
<i>Carex bullata</i>	button sedge	-	INV	G5	S1
<i>Carex comosa</i>	bottle-brush sedge	-	INV	G5	S1S2
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Clematis glaucophylla</i>	White-leaved Leather-flower	-	INV	G4?	S1
<i>Crassula aquatica</i>	water pygmyweed	-	INV	G5	S1S3
<i>Crataegus macrosperma</i>	fan-leaf hawthorn	-	INV	G5	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Dalea lanata</i> var. <i>lanata</i>	woolly prairie-clover	-	INV	G5TNR	S2S3
<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Eustoma exaltatum</i>	catchfly prairie-gentian	-	INV	G5	S2
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Heliotropium convolvulaceum</i>	phlox heliotrope	-	INV	G5	S2
<i>Hexalectris spicata</i> var. <i>spicata</i>	crested-coralroot	-	INV	G5T4T5	S2
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Marshallia caespitosa</i> var. <i>signata</i>	leafy Barbara's-buttons	-	INV	G4T4	S1
<i>Micranthes virginiensis</i>	early saxifrage	-	INV	G5	S1S2
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Panicum rigidulum</i> ssp. <i>pubescens</i>	red-top panic grass	-	INV	G5T5?	S1
<i>Paspalum bifidum</i>	pitchfork paspalum	-	INV	G5	SH
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Polygala incarnata</i>	pink milkwort	-	INV	G5	S1S2
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	white water crowfoot	-	INV	G5T5	S2S3
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Rhynchospora colorata</i>	white-top sedge	-	SE	G5	S1
<i>Sabatia campanulata</i>	slender rose-gentian	-	SE	G5	S1
<i>Schoenoplectus californicus</i>	California bulrush	-	INV	G5	S1S2
<i>Spiraea tomentosa</i>	hardhack	-	INV	G5	S2
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Thalictrum arkansanum</i>	Arkansas meadow-rue	-	ST	G2Q	S2
<i>Tradescantia longipes</i>	dwarf spiderwort	-	INV	G4	S2
<i>Tradescantia paludosa</i>	confederate spiderwort	-	INV	G4?Q	S1S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Trifolium stoloniferum</i>	running buffalo clover	LE	INV	G3	SH
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3	S3
<i>Utricularia macrorhiza</i>	greater bladderwort	-	INV	G5	SH
<i>Vicia ludoviciana</i> ssp. <i>ludoviciana</i>	Louisiana vetch	-	INV	G5TNR	SH

Special Elements-Natural Communities

Lower Mississippi River Bottomland Depression	-	INV	GNR	SNR
---	---	-----	-----	-----

Pulaski County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Ozark-Ouachita Dry Oak Woodland		-	INV	GNR	SNR
West Gulf Coastal Plain Nepheline Syenite Glade		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, swallows & swifts		-	INV	GNR	SNR
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Randolph County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Bactrurus pseudomucronatus</i>	false sword-tailed cave amphipod	-	INV	G2G3	S1?
<i>Caecidotea brevicauda</i>	an isopod	-	INV	GNR	S1
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Epioblasma florentina curtisi</i>	Curtis pearlymussel	LE	SE	G1T1	S1
<i>Epioblasma triquetra</i>	snuffbox	LE	SE	G3	S1
<i>Hesperocheernes occidentalis</i>	a pseudoscorpion	-	INV	G5	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Marstonia ozarkensis</i>	Ozark Pyrg	-	INV	G1	S1?
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Ophiogomphus westfalli</i>	Westfall's snaketail	-	INV	G3	S1S2
<i>Orconectes eupunctus</i>	coldwater crayfish	-	INV	G2	S1
<i>Orconectes marchandi</i>	Mammoth Spring crayfish	-	INV	G2	S2
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Simpsonaias ambigua</i>	salamander mussel	-	INV	G3	S1
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	S3
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Cistothorus platensis</i>	Sedge Wren	-	INV	G5	S1S2B, S4N
<i>Cottus immaculatus</i>	knobfin sculpin	-	INV	GNR	S3
<i>Cryptobranchus alleganiensis bishopi</i>	Ozark hellbender	LE	SE	G3G4T2Q	S2
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Cyprinella spiloptera</i>	spotfin shiner	-	INV	G5	S1
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4	S3S4
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Moxostoma anisurum</i>	silver redhorse	-	INV	G5	S1?
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Notropis atrocaudalis</i>	blackspot shiner	-	INV	G4	S3

Randolph County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Notropis sabiniae</i>	sabine shiner	-	INV	G4	S2?
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Typhlichthys subterraneus</i>	southern cavefish	-	INV	G4	S1
Plants-Vascular					
<i>Carex suberecta</i>	prairie straw sedge	-	INV	G4	S2
<i>Elymus riparius</i>	river-bank wild rye	-	INV	G5	S1S2
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Orbexilum onobrychis</i>	french-grass	-	INV	G5	S1
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Phacelia gilliioides</i>	Brand's scorpion-weed	-	INV	G5	S2S3
<i>Plantago cordata</i>	heart-leaf plantain	-	ST	G4	S2
<i>Pycnanthemum virginianum</i>	Virginia mountain-mint	-	INV	G5	S1S2
<i>Sium suave</i>	water-parsnip	-	INV	G5	S1S3

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Saline County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Agapetus medicus</i>	Arkansas Agapetus Caddisfly	-	INV	G1G2	SNR
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Crangonyx aka</i>	an amphipod	-	INV	G1	S1?
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Hesperia meskei</i>	Meske's Skipper	-	INV	G3G4	S1S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Ochrotrichia robisoni</i>	a microcaddisfly	-	INV	G1G3	S1
<i>Ophiogomphus westfalli</i>	Westfall's snaketail	-	INV	G3	S1S2
<i>Paucicalcaria ozarkensis</i>	a microcaddisfly	-	INV	G1	S1
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Procambarus parasimulans</i>	Bismark burrowing crayfish	-	INV	G4	S3
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Uniomereus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniomereus tetralasmus</i>	pondhorn	-	INV	G5	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Hemidactylium scutatum</i>	four-toed salamander	-	INV	G5	S3
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Noturus lachneri</i>	Ouachita madtom	-	INV	G2	S2
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2

Saline County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Plants-Vascular					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Anthenantia texana</i>	Kral's silkyscale	-	INV	G3G4	S3
<i>Calopogon tuberosus</i> var. <i>tuberosus</i>	tuberous grass-pink	-	INV	G5T5	S1
<i>Camassia angusta</i>	prairie wild hyacinth	-	INV	G5?Q	S2S3
<i>Cardamine douglassii</i>	purple cress	-	INV	G5	S1
<i>Carex atlantica</i> ssp. <i>atlantica</i>	prickly bog sedge	-	INV	G5T4	S2
<i>Carex bullata</i>	button sedge	-	INV	G5	S1
<i>Carex conjuncta</i>	soft fox sedge	-	INV	G4G5	S1
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Carex gigantea</i>	giant sedge	-	INV	G4	S1S2
<i>Carex laevivaginata</i>	smooth-sheath sedge	-	INV	G5	S2
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex willdenowii</i>	Willdenow's sedge	-	INV	G5	S1
<i>Chelone glabra</i>	white turtlehead	-	INV	G5	S1
<i>Claytonia caroliniana</i>	Carolina spring-beauty	-	INV	G5	SU
<i>Cyperus haspan</i>	haspan flatsedge	-	INV	G5	S2
<i>Cyperus hystricinus</i>	bristly flatsedge	-	INV	G4	S2S3
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eleocharis equisetoides</i>	horsetail spike-rush	-	INV	G4	S1
<i>Eleocharis flavescens</i> var. <i>flavescens</i>	yellow spike-rush	-	INV	G5T5	S1S2
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Euphorbia missurica</i>	Missouri spurge	-	INV	G5	S2
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Fuirena bushii</i>	Bush's umbrella sedge	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Hypericum adpressum</i>	creeping St. John's-wort	-	INV	G3	S1
<i>Ilex verticillata</i>	winterberry	-	ST	G5	S2
<i>Iris verna</i> var. <i>smalliana</i>	dwarf iris	-	INV	G5T4T5	S2
<i>Juncus canadensis</i>	Canadian rush	-	INV	G5	S1
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Lycopodiella prostrata</i>	prostrate bog club-moss	-	INV	G5	S1
<i>Muhlenbergia glaberriflora</i>	inland muhly	-	INV	G4?	S1
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Panicum rigidulum</i> ssp. <i>pubescens</i>	red-top panic grass	-	INV	G5T5?	S1
<i>Paspalum bifidum</i>	pitchfork paspalum	-	INV	G5	SH
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Photinia melanocarpa</i>	black chokeberry	-	INV	G5	SH
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Platanthera x channellii</i>	Channell's fringed orchid	-	INV	GNA	S1

Saline County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Pogonia ophioglossoides</i>	rose pogonia	-	ST	G5	S2
<i>Prenanthes aspera</i>	prairie rattlesnake-root	-	INV	G4?	S2S3
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Rhynchospora gracilentia</i>	slender beaksedge	-	INV	G5	S2
<i>Rhynchospora rariflora</i>	few-flower beaksedge	-	ST	G5	S1S2
<i>Rhynchospora scirpoides</i>	long-beak bald-rush	-	INV	G4	S1
<i>Sabatia arkansana</i>	Pelton's rose-gentian	-	INV	G1	S1
<i>Sabatia campanulata</i>	slender rose-gentian	-	SE	G5	S1
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Scirpus polyphyllus</i>	leafy bulrush	-	INV	G5	S2
<i>Scleria muehlenbergii</i>	Muhlenberg's nut-rush	-	INV	G5	S1S2
<i>Scleria verticillata</i>	whorled nut-rush	-	ST	G5	S1
<i>Scutellaria cardiophylla</i>	Gulf skullcap	-	INV	G4?	S1S2
<i>Spiraea tomentosa</i>	hardhack	-	INV	G5	S2
<i>Spiranthes lacera</i> var. <i>lacera</i>	northern slender ladies'-tresses	-	INV	G5T5	S1
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Thalictrum arkansanum</i>	Arkansas meadow-rue	-	ST	G2Q	S2
<i>Tradescantia paludosa</i>	confederate spiderwort	-	INV	G4?Q	S1S2
<i>Triadenum virginicum</i>	Virginia marsh-St. John's-wort	-	INV	G5	S1
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Utricularia subulata</i>	zigzag bladderwort	-	INV	G5	S2
<i>Uvularia perfoliata</i>	perfoliate bellwort	-	INV	G5	S3
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<i>Valerianella palmeri</i>	Palmer's cornsalad	-	INV	G3	S3
<i>Veratrum woodii</i>	Wood's false hellebore	-	INV	G5	S3
<i>Viola walteri</i>	Walter's violet	-	INV	G4G5	S1S2
<i>Xyris ambigua</i>	Coastal Plain yellow-eyed-grass	-	INV	G5	S2S3

Special Elements-Natural Communities

Ozark-Ouachita Shortleaf Pine-Oak Forest	-	INV	GNR	SNR
--	---	-----	-----	-----

Special Elements-Other

Colonial nesting site, water birds	-	INV	GNR	SNR
Geological feature	-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Scott County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Caecidotea montana</i>	an isopod	-	INV	GNR	S1
<i>Callophrys irus hadros</i>	Frosted Elfyn	-	INV	G3T2T3	S1
<i>Derops divalis</i>	a beetle	-	INV	GNR	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lirceus garmani</i>	an isopod	-	INV	GNR	S1
<i>Nicrophorus americanus</i>	American burying beetle	LE	SE	G2G3	S1
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Problema byssus</i>	Byssus Skipper	-	INV	G3G4	S1
<i>Procambarus tenuis</i>	Ouachita Mountain crayfish	-	INV	G3	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Stenotrema unciferum</i>	Ouachita slitmouth	-	INV	G2	SNR
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<i>Zealeuctra wachita</i>	Ouachita needlefly	-	INV	G2	S1
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Cistothorus platensis</i>	Sedge Wren	-	INV	G5	S1S2B, S4N
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Desmognathus conanti</i>	spotted dusky salamander	-	INV	G5	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Plestiodon obsoletus</i>	Great Plains skink	-	INV	G5	S1
<i>Plethodon fourchensis</i>	Fourche Mountain salamander	-	INV	G2Q	S2
<i>Plethodon ouachitae</i>	Rich Mountain salamander	-	INV	G2G3	S2
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Spilogale putorius</i>	eastern spotted skunk	-	INV	G5	S2S3
Plants-Vascular					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Calamovilfa arcuata</i>	Cumberland sand-reed	-	INV	G2G3	S1
<i>Carex pensylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Euphorbia sp. nov.</i>	Ouachita spurge	-	INV	GNR	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Iva angustifolia</i>	slender marsh-elder	-	INV	G5?	S1

Scott County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Liatris scariosa</i> var. <i>nieuwlandii</i>	northern blazing-star	-	INV	G5?T3T5	S2?
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Veratrum woodii</i>	Wood's false hellebore	-	INV	G5	S3
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Vitis rupestris</i>	sand grape	-	INV	G3	S3
<i>Xyris difformis</i> var. <i>difformis</i>	bog yellow-eyed-grass	-	INV	G5T5	S2
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Searcy County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S2
<i>Cambarus causeyi</i>	Boston Mountains crayfish	-	INV	G2	S1
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Daedalochila peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Heterosternuta phoebeae</i>	a predaceous diving beetle	-	INV	G2	S2
<i>Heterosternuta sulphuria</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lampsilis streckeri</i>	speckled pocketbook	LE	SE	G1Q	S1
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Patera clenchi</i>	Calico Rock oval	-	INV	G1	SNR
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Pygarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	SE	G3G4T1	S1
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4	S3S4
<i>Etheostoma autumnale</i>	autumn darter	-	INV	G4	S2
<i>Etheostoma moorei</i>	yellowcheek darter	LE	SE	G1	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G1G3	S1
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Sorex longirostris</i>	southeastern shrew	-	INV	G5	S2
Plants-Vascular					
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Carex radiata</i>	eastern star sedge	-	INV	G4	S1
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Cerastium velutinum var. velutinum</i>	velvety chickweed	-	INV	GNRT4?	S1

Searcy County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Desmodium illinoense</i>	Illinois tick-trefoil	-	INV	G5	S2
<i>Fothergilla major</i>	witch-alder	-	INV	G3	S1
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Mentzelia oligosperma</i>	stick-leaf	-	INV	G4	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Muhlenbergia cuspidata</i>	plains muhly	-	INV	G4	S1
<i>Neviusia alabamensis</i>	Alabama snow-wreath	-	ST	G2	S1S2
<i>Paronychia virginica</i>	yellow nailwort	-	INV	G4	S2
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Phlox amplifolia</i>	broad-leaf phlox	-	INV	G3G5	S1
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Ribes cynosbati</i>	prickly gooseberry	-	INV	G5	S2S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3

Special Elements-Natural Communities

Ozark-Ouachita Dry-Mesic Oak Forest	-	INV	GNR	SNR
Ozark-Ouachita Mesic Hardwood Forest	-	INV	GNR	SNR

Special Elements-Other

Colonial nesting site, water birds	-	INV	GNR	SNR
------------------------------------	---	-----	-----	-----

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Sebastian County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Atrytone arogos</i>	Arogos Skipper	-	INV	G3	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Hesperia meskei</i>	Meske's Skipper	-	INV	G3G4	S1S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Nicrophorus americanus</i>	American burying beetle	LE	SE	G2G3	S1
<i>Procambarus parasimulans</i>	Bismark burrowing crayfish	-	INV	G4	S3
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Calcarius pictus</i>	Smith's Longspur	-	INV	G5	S2N
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Plestiodon obtusirostris</i>	southern prairie skink	-	INV	G5	S2
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5	S2
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Reithrodontomys humulis</i>	eastern harvest mouse	-	INV	G5	S2
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S1B, S1S2N
Plants-Vascular					
<i>Androsace occidentalis</i>	rock-jasmine	-	INV	G5	S1
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G3	S2
<i>Camassia angusta</i>	prairie wild hyacinth	-	INV	G5?Q	S2S3
<i>Carex gravida</i>	heavy sedge	-	INV	G5	S2S3
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Cooperia drummondii</i>	rain-lily	-	INV	G5	S1S2
<i>Croton lindheimerianus var. lindheimerianus</i>	Lindheimer's croton	-	INV	G5TNR	S1
<i>Dalea lanata var. lanata</i>	woolly prairie-clover	-	INV	G5TNR	S2S3
<i>Diaperia verna var. verna</i>	many-stem rabbit-tobacco	-	INV	G5TNR	SH
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Equisetum laevigatum</i>	smooth scouring-rush	-	INV	G5	S1
<i>Iva angustifolia</i>	slender marsh-elder	-	INV	G5?	S1

Sebastian County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Koeleria macrantha</i>	prairie June grass	-	INV	G5	S2
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Minuartia drummondii</i>	Drummond's sandwort	-	INV	G5	S2S3
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Physalis pumila</i>	prairie ground-cherry	-	INV	G5	S1
<i>Plantago patagonica</i>	woolly plantain	-	INV	G5	S2
<i>Prenanthes aspera</i>	prairie rattlesnake-root	-	INV	G4?	S2S3
<i>Quercus acerifolia</i>	maple-leaf oak	-	ST	G1	S1
<i>Rhynchospora macrostachya</i>	prairie horned beaksedge	-	INV	G4	S2
<i>Rudbeckia maxima</i>	great coneflower	-	INV	G4?	S3
<i>Solidago speciosa</i> var. <i>rigidiuscula</i>	narrow-leaf showy goldenrod	-	INV	G5T4	S2S3
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2

Special Elements-Natural Communities

Arkansas Valley Prairie and Woodland	-	INV	GNR	SNR
Ozark-Ouachita Dry Oak Woodland	-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Sevier County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Amblyscirtes aesculapius</i>	Lace-winged Roadside-Skipper	-	INV	G3G4	S1S3
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	SE	G1	S1
<i>Fallicambarus strawni</i>	Saline burrowing crayfish	-	INV	G1G2	S1
<i>Faxonella blairi</i>	Blair's fencing crayfish	-	INV	G2	S2
<i>Gomphus ozarkensis</i>	Ozark clubtail	-	INV	G4	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Leptodea leptodon</i>	scaleshell	LE	SE	G1G2	S1
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Poanes yehl</i>	Yehl Skipper	-	INV	G4	S1S3
<i>Procambarus parasimulans</i>	Bismark burrowing crayfish	-	INV	G4	S3
<i>Procambarus regalis</i>	Regal burrowing crayfish	-	INV	G2G3	S2S3
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lythrurus snelsoni</i>	Ouachita shiner	-	INV	G3G4	SNR
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Notropis atrocaudalis</i>	blackspot shiner	-	INV	G4	S3
<i>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Percina pantherina</i>	leopard darter	LT	SE	G2	S1
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Phrynosoma cornutum</i>	Texas horned lizard	-	INV	G4G5	S2
<i>Plethodon sequoyah</i>	Sequoyah slimy salamander	-	INV	G2	S1
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
Plants-Vascular					
<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	G5T5	S2S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3

Sevier County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Astragalus crassicaarpus</i> var. <i>crassicaarpus</i>	purple ground-plum	-	INV	G5T5	S2
<i>Cardamine angustata</i>	slender toothwort	-	INV	G5	S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	-	INV	G5TNR	S1S3
<i>Distichlis spicata</i>	salt grass	-	INV	G5	S1
<i>Engelmannia peristenia</i>	Engelmann's daisy	-	INV	G5	S1
<i>Euphorbia</i> sp. <i>nov.</i>	Ouachita spurge	-	INV	GNR	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Lindheimeria texana</i>	Texas yellowstar	-	INV	G5	SH
<i>Lithospermum tuberosum</i>	tuberous puccoon	-	INV	G4	S2
<i>Panicum hemitomom</i>	maiden-cane	-	INV	G5?	S1
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Pyrrhopappus pauciflorus</i>	few-flower false dandelion	-	INV	G5	S1S2
<i>Quercus sinuata</i>	Durand's white oak	-	ST	G4G5	S2
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Streptanthus squamiformis</i>	Ouachita twistflower	-	ST	G2G3	S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Valerianella palmeri</i>	Palmer's cornsalad	-	INV	G3	S3
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3

Special Elements-Natural Communities

Cypress Swamp	-	INV	GNR	S3
Lowland Meander Scar Lake	-	INV	GNR	SNR
West Gulf Coastal Plain Northern Calcareous Prairie	-	INV	GNR	SNR

Special Elements-Other

Colonial nesting site, water birds	-	INV	GNR	SNR
------------------------------------	---	-----	-----	-----

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Sharp County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Bactrurus speleopolis</i>	Cave City cave amphipod	-	INV	G1	S1
<i>Caecidotea brevicauda</i>	an isopod	-	INV	GNR	S1
<i>Cicindela obsoleta</i>	scrubland tiger beetle	-	INV	G5	S1S2
<i>Crangonyx forbesi</i>	an amphipod	-	INV	G5	S1?
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Epioblasma triquetra</i>	snuffbox	LE	SE	G3	S1
<i>Epioblasma turgidula</i>	turgid blossom	LE	SE	GX	SX
<i>Gomphus ozarkensis</i>	Ozark clubtail	-	INV	G4	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Ophiogomphus westfalli</i>	Westfall's snaketail	-	INV	G3	S1S2
<i>Orconectes eupunctus</i>	coldwater crayfish	-	INV	G2	S1
<i>Orconectes marchandi</i>	Mammoth Spring crayfish	-	INV	G2	S2
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Simpsonaias ambigua</i>	salamander mussel	-	INV	G3	S1
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	S3
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4	S3S4
<i>Etheostoma fragi</i>	Strawberry River darter	-	INV	G4	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Notropis sabiniae</i>	sabine shiner	-	INV	G4	S2?
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2

Sharp County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Plants-Vascular					
<i>Carex aggregata</i>	cluster sedge	-	INV	G5	S1
<i>Carex conjuncta</i>	soft fox sedge	-	INV	G4G5	S1
<i>Carex davisii</i>	Davis' sedge	-	INV	G4	S3
<i>Carex gravida</i>	heavy sedge	-	INV	G5	S2S3
<i>Carex interior</i>	inland star sedge	-	INV	G5	S1
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Carex suberecta</i>	prairie straw sedge	-	INV	G4	S2
<i>Carex timida</i>	timid sedge	-	INV	G2G4	S2S3
<i>Cyperus retrofractus</i>	rough flatsedge	-	INV	G5	S1?
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	-	INV	G5TNR	S1S3
<i>Elymus riparius</i>	river-bank wild rye	-	INV	G5	S1S2
<i>Erysimum capitatum</i> var. <i>capitatum</i>	western wallflower	-	INV	G5T5	S2
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Glyceria acutiflora</i>	creeping manna grass	-	INV	G5	S1
<i>Juncus subcaudatus</i>	fen rush	-	INV	G5	S1
<i>Ludwigia microcarpa</i>	small-fruit primrose-willow	-	INV	G5	S1
<i>Lysimachia hybrida</i>	lowland yellow-loosestrife	-	INV	G5	S1
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Marshallia caespitosa</i> var. <i>signata</i>	leafy Barbara's-buttons	-	INV	G4T4	S1
<i>Mimulus ringens</i> var. <i>ringens</i>	Allegheny monkey-flower	-	INV	G5T5	S1S2
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Pediomelum esculentum</i>	large Indian-breadroot	-	INV	G5	S2
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Physaria filiformis</i>	Missouri bladderpod	LT	INV	G3	S1
<i>Plantago cordata</i>	heart-leaf plantain	-	ST	G4	S2
<i>Pycnanthemum virginianum</i>	Virginia mountain-mint	-	INV	G5	S1S2
<i>Rhynchospora capillacea</i>	capillary beaksedge	-	INV	G4	S2
<i>Scleria verticillata</i>	whorled nut-rush	-	ST	G5	S1
<i>Scutellaria bushii</i>	Bush's skullcap	-	ST	G3	S2
<i>Sida elliotii</i>	Elliott's sida	-	INV	G4G5	S2S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Sium suave</i>	water-parsnip	-	INV	G5	S1S3
<i>Solidago riddellii</i>	Riddell's goldenrod	-	ST	G5	S1
<i>Spiranthes lucida</i>	shining ladies'-tresses	-	INV	G5	S2
<i>Symphotrichum sericeum</i>	silvery aster	-	INV	G5	S2
<i>Tradescantia subaspera</i>	zigzag spiderwort	-	INV	G5	S1S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Vallisneria americana</i>	eel-grass	-	INV	G5	S1
<i>Vitis rupestris</i>	sand grape	-	INV	G3	S3
Special Elements-Natural Communities					
Central Interior Highlands Calcareous Glade and Barrens		-	INV	GNR	SNR
Ozark-Ouachita Fen		-	INV	GNR	SNR
Spring-Ozark Mountains		-	INV	GNR	SNR
Upland Stream-Ozark Mountains		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
St. Francis County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Leptodea leptodon</i>	scaleshell	LE	SE	G1G2	S1
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Potamilus alatus</i>	pink heelsplitter	-	INV	G5	S1
<i>Potamilus capax</i>	fat pocketbook	LE	SE	G2	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
Animals-Vertebrates					
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Desmognathus conanti</i>	spotted dusky salamander	-	INV	G5	S1
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Scaphirhynchus albus</i>	pallid sturgeon	LE	SE	G2	S1
Plants-Vascular					
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Obolaria virginica</i>	Virginia pennywort	-	INV	G5	S2
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Paspalum boscianum</i>	bull paspalum	-	INV	G5	S1
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Schisandra glabra</i>	bay star-vine	-	INV	G3	S2S3
<i>Sida elliotii</i>	Elliott's sida	-	INV	G4G5	S2S3
<i>Spiranthes lucida</i>	shining ladies'-tresses	-	INV	G5	S2
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
Special Elements-Natural Communities					
Lower Mississippi Alluvial Plain Grand Prairie		-	INV	GNR	SNR
Lower Mississippi River Flatwoods		-	INV	GNR	SNR
Southern Crowley's Ridge Mesic Loess Slope Forest		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Stone County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Apochthonius titanicus</i>	a cave obligate pseudoscorpion	-	INV	G1G2	S1
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S2
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S2
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Cambarus causeyi</i>	Boston Mountains crayfish	-	INV	G2	S1
<i>Cambarus zophonastes</i>	Hell Creek Cave crayfish	LE	SE	G1	S1
<i>Cicindela obsoleta</i>	scrubland tiger beetle	-	INV	G5	S1S2
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Daedalochila peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Derops divalis</i>	a beetle	-	INV	GNR	S1
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lampsilis streckeri</i>	speckled pocketbook	LE	SE	G1Q	S1
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligidium elrodii</i>	an isopod	-	INV	G4G5	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Lirceus ouachitaensis</i>	an isopod	-	INV	GNR	S1
<i>Orconectes neglectus chaenodactylus</i>	gap ringed crayfish	-	INV	G5T3	S3
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S2
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<i>Xolotrema occidentale</i>	Arkansas wedge	-	INV	G1	SNR
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4	S3S4
<i>Etheostoma autumnale</i>	autumn darter	-	INV	G4	S2
<i>Etheostoma moorei</i>	yellowcheek darter	LE	SE	G1	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Eurycea tynerensis</i>	Oklahoma salamander	-	INV	G3	S3
<i>Geomys bursarius ozarkensis</i>	Ozark pocket gopher	-	INV	G5T1T3	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?

Stone County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G1G3	S1
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Sorex longirostris</i>	southeastern shrew	-	INV	G5	S2
<i>Taxidea taxus</i>	American badger	-	INV	G5	S1S2
<i>Typhlichthys subterraneus</i>	southern cavefish	-	INV	G4	S1

Plants-Vascular

<i>Anemone acutiloba</i>	sharp-lobe hepatica	-	INV	G5	S1S2
<i>Anemone quinquefolia</i> var. <i>quinquefolia</i>	wood anemone	-	INV	G5T4T5	S2
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Bromus nottowayanus</i>	satin brome	-	INV	G3G5	S2
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex hirtifolia</i>	hairy sedge	-	INV	G5	S3
<i>Carex laevivaginata</i>	smooth-sheath sedge	-	INV	G5	S2
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Carex timida</i>	timid sedge	-	INV	G2G4	S2S3
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Coreopsis grandiflora</i> var. <i>saxicola</i>	large-flower tickseed	-	INV	G5T4?	S3
<i>Cypripedium reginae</i>	showy lady's-slipper	-	SE	G4	S1
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Dennstaedtia punctilobula</i>	hay-scented fern	-	INV	G5	S2
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dryopteris carthusiana</i>	spinulose wood fern	-	ST	G5	S1
<i>Echinacea paradoxa</i> var. <i>paradoxa</i>	yellow coneflower	-	ST	G2T2	S2
<i>Elymus riparius</i>	river-bank wild rye	-	INV	G5	S1S2
<i>Euonymus obovatus</i>	running strawberry-bush	-	INV	G5	S3
<i>Gentiana alba</i>	pale gentian	-	INV	G4	S1
<i>Gillenia trifoliata</i>	Bowman's-root	-	INV	G4G5	S1
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Humulus lupulus</i> var. <i>pubescens</i>	wild hop	-	INV	G5T4?	S1S2
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Lysimachia hybrida</i>	lowland yellow-loosestrife	-	INV	G5	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Mitella diphylla</i>	miterwort	-	INV	G5	S2
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Osmunda claytoniana</i>	interrupted fern	-	ST	G5	S1
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Plantago cordata</i>	heart-leaf plantain	-	ST	G4	S2
<i>Quercus prinoides</i>	dwarf chinquapin oak	-	INV	G5	SH

Stone County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Rhynchospora capillacea</i>	capillary beaksedge	-	INV	G4	S2
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	-	INV	G5	S1S2
<i>Spiranthes lucida</i>	shining ladies'-tresses	-	INV	G5	S2
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trillium flexipes</i>	white trillium	-	INV	G5	S1
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Veratrum latifolium</i>	bunchflower	-	INV	G5	SH
<i>Vitis rupestris</i>	sand grape	-	INV	G3	S3
<i>Waldsteinia fragarioides</i>	barren-strawberry	-	INV	G5	S1

Special Elements-Natural Communities

Central Interior Highlands Calcareous Glade and Barrens	-	INV	GNR	SNR
Central Interior Highlands Dry Acidic Glade and Barrens	-	INV	GNR	SNR
Ozark-Ouachita Dry-Mesic Oak Forest	-	INV	GNR	SNR
Ozark-Ouachita Fen	-	INV	GNR	SNR
Ozark-Ouachita Mesic Hardwood Forest	-	INV	GNR	SNR
Upland Stream-Ozark Mountains	-	INV	GNR	SNR

Special Elements-Other

Colonial nesting site, water birds	-	INV	GNR	SNR
Geological feature	-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Union County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela formosa pigmentosignata</i>	big sand tiger beetle	-	INV	G5T5	S2S3
<i>Fallicambarus petilicarpus</i>	Slenderwrist burrowing crayfish	-	INV	G1	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Coluber constrictor anthicus</i>	buttermilk racer	-	INV	G5T4	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Micrurus tener</i>	Texas coral snake	-	INV	G5T5	S2
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Setophaga cerulea</i>	Cerulean Warbler	-	INV	G4	S3B
Plants-Vascular					
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Aristida lanosa</i>	woolly three-awn	-	INV	G5	S2
<i>Asimina parviflora</i>	dwarf pawpaw	-	INV	G5	S2S3
<i>Astragalus soxmaniorum</i>	Soxman's milk-vetch	-	INV	G3	S2
<i>Bolboschoenus robustus</i>	salt-marsh bulrush	-	INV	G5	S1
<i>Bulbostylis ciliatifolia</i> var. <i>coarctata</i>	fringe-leaf hairsedge	-	INV	G5T3T5	S1S2
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Carex laevivaginata</i>	smooth-sheath sedge	-	INV	G5	S2
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Cladium jamaicense</i>	saw-grass	-	INV	G5	SH
<i>Cooperia drummondii</i>	rain-lily	-	INV	G5	S1S2
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Cyperus haspan</i>	haspan flatsedge	-	INV	G5	S2
<i>Cyperus hystrixinus</i>	bristly flatsedge	-	INV	G4	S2S3
<i>Decumaria barbara</i>	climbing-hydrangea	-	INV	G5	S1
<i>Eleocharis equisetoides</i>	horsetail spike-rush	-	INV	G4	S1
<i>Eleocharis flavescens</i> var. <i>flavescens</i>	yellow spike-rush	-	INV	G5T5	S1S2

Union County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Eleocharis flavescens</i> var. <i>olivacea</i>	bright-green spike-rush	-	INV	G5T4T5	S1
<i>Eryngium integrifolium</i>	blue-flower eryngo	-	INV	G5	S2
<i>Fuirena bushii</i>	Bush's umbrella sedge	-	INV	G5	S3
<i>Fuirena pumila</i>	dwarf umbrella sedge	-	INV	G4	SH
<i>Fuirena squarrosa</i>	hairy umbrella sedge	-	INV	G4G5	S1
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Hypericum apocynifolium</i>	dogbane St. John's-wort	-	INV	GNR	S1S2
<i>Ipomoea cordatotriloba</i> var. <i>cordatotriloba</i>	tie-vine morning-glory	-	INV	G5T5	S1
<i>Juncus canadensis</i>	Canadian rush	-	INV	G5	S1
<i>Krigia occidentalis</i>	western dwarf-dandelion	-	INV	G5	S3
<i>Mitreola sessilifolia</i>	swamp hornpod	-	INV	G4G5	S2
<i>Panicum hemitomon</i>	maiden-cane	-	INV	G5?	S1
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Polygala nana</i>	candyroot	-	INV	G5	S2S3
<i>Pseudolycopodiella caroliniana</i>	slender bog club-moss	-	INV	G4	S1
<i>Quercus sinuata</i>	Durand's white oak	-	ST	G4G5	S2
<i>Rudbeckia maxima</i>	great coneflower	-	INV	G4?	S3
<i>Schoenoplectus californicus</i>	California bulrush	-	INV	G5	S1S2
<i>Seymeria cassioides</i>	yaupon black-senna	-	INV	G5	S1
<i>Sisyrinchium sagittiferum</i>	spear-bract blue-eyed-grass	-	INV	G4?	SH
<i>Smilax walteri</i>	red-berried greenbrier	-	INV	G5	S2S3
<i>Solidago patula</i> ssp. <i>strictula</i>	swamp goldenrod	-	INV	G5T5	S1S2
<i>Spiranthes lacera</i> var. <i>lacera</i>	northern slender ladies'-tresses	-	INV	G5T5	S1
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Stylisma aquatica</i>	water dawnflower	-	INV	G4	S1S2
<i>Utricularia inflata</i>	swollen bladderwort	-	INV	G5	S1
<i>Xyris baldwiniana</i>	Baldwin's yellow-eyed-grass	-	ST	G5	S1
<i>Xyris difformis</i> var. <i>difformis</i>	bog yellow-eyed-grass	-	INV	G5T5	S2

Special Elements-Natural Communities

Cattail Marsh	-	INV	GNR	S1S2
Lowland Oak-Hickory Forest	-	INV	GNR	S1
West Gulf Coastal Plain Seepage Swamp and Baygall	-	INV	GNR	SNR
Willow Oak Forest	-	INV	GNR	S2

Special Elements-Other

Colonial nesting site, water birds	-	INV	GNR	SNR
------------------------------------	---	-----	-----	-----

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Van Buren County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Allocapnia oribata</i>	bowed snowfly	-	INV	G1	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4G5	S2
<i>Crangonyx aka</i>	an amphipod	-	INV	G1	S1?
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Heterosternuta sulphurica</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lampsilis streckeri</i>	speckled pocketbook	LE	SE	G1Q	S1
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Simpsonaias ambigua</i>	salamander mussel	-	INV	G3	S1
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Uniomereus tetralasmus</i>	pondhorn	-	INV	G5	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Cyprinella spiloptera</i>	spotfin shiner	-	INV	G5	S1
<i>Empidonax traillii</i>	Willow Flycatcher	-	INV	G5	S1B
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4	S3S4
<i>Etheostoma autumnale</i>	autumn darter	-	INV	G4	S2
<i>Etheostoma moorei</i>	yellowcheek darter	LE	SE	G1	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
Plants-Vascular					
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex hirtifolia</i>	hairy sedge	-	INV	G5	S3
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2

Van Buren County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Claytonia caroliniana</i>	Carolina spring-beauty	-	INV	G5	SU
<i>Claytonia ozarkensis</i>	Ozark spring-beauty	-	INV	G1G3Q	S2
<i>Cuscuta coryli</i>	hazel dodder	-	INV	G5?	SU
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Dryopteris x leedsii</i>	Leed's wood fern	-	INV	GNA	S1
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	-	INV	G5	S1S3
<i>Paronychia virginica</i>	yellow nailwort	-	INV	G4	S2
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Scleria muehlenbergii</i>	Muhlenberg's nut-rush	-	INV	G5	S1S2
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Solidago juncea</i>	early goldenrod	-	INV	G5	S1
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	-	INV	G5	S1S2
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Symphotrichum sericeum</i>	silvery aster	-	INV	G5	S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Utricularia subulata</i>	zigzag bladderwort	-	INV	G5	S2
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Viola canadensis var. canadensis</i>	Canadian white violet	-	INV	G5T5	S2

Special Elements-Natural Communities

Upland Stream-Ozark Mountains	-	INV	GNR	SNR
-------------------------------	---	-----	-----	-----

Special Elements-Other

Geological feature	-	INV	GNR	SNR
--------------------	---	-----	-----	-----

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Washington County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Allocapnia jeanae</i>	a winter stonefly	-	INV	G2	S1?
<i>Allocapnia warreni</i>	a winter stonefly	-	INV	GH	SH
<i>Amblyscirtes aesculapius</i>	Lace-winged Roadside-Skipper	-	INV	G3G4	S1S3
<i>Amblyscirtes carolina</i>	Carolina Roadside-Skipper	-	INV	G3G4	S1S3
<i>Amblyscirtes linda</i>	Linda's Roadside-Skipper	-	INV	G2G3	S1S3
<i>Apochthonius diabolus</i>	a cave obligate pseudoscorpion	-	INV	G1G2	S1
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S2
<i>Caecidotea macropropoda</i>	bat cave isopod	-	INV	G2G3	S2
<i>Caecidotea simulator</i>	a cave obligate isopod	-	INV	G2G3	S1
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Calephelis muticum</i>	Swamp Metalmark	-	INV	G3	S1
<i>Cambarus aculabrum</i>	Benton County cave crayfish	LE	SE	G1	S1
<i>Cicindela duodecimguttata</i>	twelve-spotted tiger beetle	-	INV	G5	S3S4
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4G5	S2
<i>Crosbyella roeweri</i>	a cave obligate harvestman	-	INV	G1G2	S1
<i>Dendrocoelopsis americana</i>	a cave obligate planarian	-	INV	G2G3	S1
<i>Derops divalis</i>	a beetle	-	INV	GNR	S1
<i>Gomphus ozarkensis</i>	Ozark clubtail	-	INV	G4	S1
<i>Hesperochernes occidentalis</i>	a pseudoscorpion	-	INV	G5	S1
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Heterosternuta sulphuria</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lampsilis rafinesqueana</i>	Neosho mucket	LE	SE	G2	S1
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Microcreagris ozarkensis</i>	a pseudoscorpion	-	INV	GNR	S1
<i>Nicrophorus americanus</i>	American burying beetle	LE	SE	G2G3	S1
<i>Orconectes meeki brevis</i>	Meek's short pointed crayfish	-	INV	G4T3	S2
<i>Orconectes nana</i>	midget crayfish	-	INV	G3	S3
<i>Orconectes williamsi</i>	Williams crayfish	-	INV	G3	S1
<i>Paduniella nearctica</i>	nearctic paduniellan caddisfly	-	INV	G1G2	S1?
<i>Poanes yehi</i>	Yehl Skipper	-	INV	G4	S1S3
<i>Problema byssus</i>	Byssus Skipper	-	INV	G3G4	S1
<i>Pseudosinella dubia</i>	a springtail	-	INV	G1G2	SNR
<i>Pseudosinella testa</i>	Shelled Cave Springtail	-	INV	G2G3	SNR
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Rhadine ozarkensis</i>	a ground beetle	-	INV	GH	SH
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
<i>Speyeria idalia</i>	Regal Fritillary	-	INV	G3	S1
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S2
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Trigenotyla parca</i>	a cave obligate millipede	-	INV	G1G2	S1

Washington County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Venustaconcha ellipsiformis</i>	ellipse	-	INV	G4	S1
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Accipiter cooperii</i>	Cooper's Hawk	-	INV	G5	S1B, S3N
<i>Amblyopsis rosae</i>	Ozark cavefish	LT	SE	G3	S1
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	S3
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B, S2N
<i>Asio flammeus</i>	Short-eared Owl	-	INV	G5	S3N
<i>Cemophora coccinea copei</i>	northern scarletsnake	-	INV	G5T5	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	SE	G3G4T1	S1
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Cyprinella camura</i>	blunface shiner	-	INV	G5	SH
<i>Cyprinella spiloptera</i>	spotfin shiner	-	INV	G5	S1
<i>Erimystax harryi</i>	Ozark chub	-	INV	G3G4	S3S4
<i>Etheostoma autumnale</i>	autumn darter	-	INV	G4	S2
<i>Etheostoma cragini</i>	Arkansas darter	C	SE	G3G4	S1
<i>Etheostoma microperca</i>	least darter	-	INV	G5	S1
<i>Etheostoma mihileze</i>	sunburst darter	-	INV	G4	S3
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Eurycea tynerensis</i>	Oklahoma salamander	-	INV	G3	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Nerodia cyclopion</i>	Mississippi green watersnake	-	INV	G5	S3
<i>Nocomis asper</i>	redspot chub	-	INV	G4	S2?
<i>Notiosorex crawfordi</i>	Crawford's gray shrew	-	INV	G5	S2
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Phrynosoma cornutum</i>	Texas horned lizard	-	INV	G4G5	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Reithrodontomys montanus</i>	plains harvest mouse	-	INV	G5	S1
<i>Sorex longirostris</i>	southeastern shrew	-	INV	G5	S2
<i>Taxidea taxus</i>	American badger	-	INV	G5	S1S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S1B, S1S2N
Plants-Vascular					
<i>Agalinis auriculata</i>	ear-leaf false foxglove	-	INV	G3	S1
<i>Androsace occidentalis</i>	rock-jasmine	-	INV	G5	S1
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Apocynum androsaemifolium</i>	spreading dogbane	-	INV	G5	SH
<i>Arabis hirsuta var. adpressipilis</i>	hairy rockcress	-	INV	G5T4Q	S1?
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Artemisia ludoviciana ssp. mexicana</i>	white sagebrush	-	INV	G5T5?	S1S2
<i>Asclepias incarnata ssp. incarnata</i>	swamp milkweed	-	INV	G5T5	S2

Washington County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Callirhoe alcaeoides</i>	plains poppy-mallow	-	INV	G5?	S1?
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Carex aggregata</i>	cluster sedge	-	INV	G5	S1
<i>Carex alata</i>	broad-wing sedge	-	INV	G5	S1
<i>Carex arkansana</i>	Arkansas sedge	-	INV	G4	S1
<i>Carex davisii</i>	Davis' sedge	-	INV	G4	S3
<i>Carex fissa</i> var. <i>fissa</i>	hammock sedge	-	INV	G4?T3T4	S1
<i>Carex gravida</i>	heavy sedge	-	INV	G5	S2S3
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Carex pellita</i>	woolly sedge	-	INV	G5	S1S2
<i>Carex radiata</i>	eastern star sedge	-	INV	G4	S1
<i>Carex scoparia</i> var. <i>scoparia</i>	pointed broom sedge	-	INV	G5T5	S1S2
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Claytonia ozarkensis</i>	Ozark spring-beauty	-	INV	G1G3Q	S2
<i>Crataegus coccinioides</i>	Kansas hawthorn	-	INV	G4?	SH
<i>Crocianthemum bicknellii</i>	hoary frostweed	-	INV	G5	SH
<i>Cuscuta coryli</i>	hazel dodder	-	INV	G5?	SU
<i>Cuscuta glomerata</i>	rope dodder	-	INV	G5	S1
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Didiplis diandra</i>	water-purslane	-	INV	G5	S1S3
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Elymus glaucus</i> ssp. <i>mackenzii</i>	Mackenzie's blue wild rye	-	INV	G5TNR	S1
<i>Elymus riparius</i>	river-bank wild rye	-	INV	G5	S1S2
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Gillenia trifoliata</i>	Bowman's-root	-	INV	G4G5	S1
<i>Helianthus pauciflorus</i> ssp. <i>pauciflorus</i>	prairie sunflower	-	INV	G5T5?	S1
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Hexalectris spicata</i> var. <i>spicata</i>	crested-coralroot	-	INV	G5T4T5	S2
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Humulus lupulus</i> var. <i>pubescens</i>	wild hop	-	INV	G5T4?	S1S2
<i>Koeleria macrantha</i>	prairie June grass	-	INV	G5	S2
<i>Limnodea arkansana</i>	Ozark grass	-	INV	G4?	SH
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Mentzelia oligosperma</i>	stick-leaf	-	INV	G4	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Minuartia drummondii</i>	Drummond's sandwort	-	INV	G5	S2S3
<i>Muhlenbergia glabrifloris</i>	inland muhly	-	INV	G4?	S1
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Paspalum boscianum</i>	bull paspalum	-	INV	G5	S1
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Phlox amplifolia</i>	broad-leaf phlox	-	INV	G3G5	S1
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Physalis missouriensis</i>	Missouri ground-cherry	-	INV	G5?	SH
<i>Physalis pumila</i>	prairie ground-cherry	-	INV	G5	S1
<i>Physaria filiformis</i>	Missouri bladderpod	LT	INV	G3	S1
<i>Plantago patagonica</i>	woolly plantain	-	INV	G5	S2
<i>Polygala incarnata</i>	pink milkwort	-	INV	G5	S1S2
<i>Rhynchospora macrostachya</i>	prairie horned beaksedge	-	INV	G4	S2
<i>Sagittaria rigida</i>	stiff arrowhead	-	INV	G5	SH

Washington County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Schedonnardus paniculatus</i>	tumble grass	-	INV	G5	S2
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	-	INV	G5	S1S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Viola pedatifida</i>	prairie violet	-	INV	G5	S2
Special Elements-Natural Communities					
Ozark-Ouachita Dry Oak Woodland		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
White County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Allocrenonyx hubrichti</i>	Hubricht's long-tailed amphipod	-	INV	G2G3	S1?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
Animals-Vertebrates					
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Etheostoma autumnale</i>	autumn darter	-	INV	G4	S2
<i>Eudocimus albus</i>	White Ibis	-	INV	G5	S1B
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
Plants-Vascular					
<i>Dennstaedtia punctilobula</i>	hay-scented fern	-	INV	G5	S2
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Polygala incarnata</i>	pink milkwort	-	INV	G5	S1S2
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Woodruff County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G4G5	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	LT	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3Q	S2
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Mustela frenata primulina</i>	long-tailed weasel	-	INV	G5T4	S3
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Porphyrio martinicus</i>	Purple Gallinule	-	INV	G5	S1B
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
Plants-Vascular					
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
Special Elements-Natural Communities					
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
Willow Oak Forest		-	INV	GNR	S2

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Yell County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Derops divalis</i>	a beetle	-	INV	GNR	S1
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Patera clenchi</i>	Calico Rock oval	-	INV	G1	SNR
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Procambarus parasimulans</i>	Bismark burrowing crayfish	-	INV	G4	S3
<i>Speyeria diana</i>	Diana Fritillary	-	INV	G3G4	S2S3
Animals-Vertebrates					
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	-	INV	G5	S1
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Crotalus atrox</i>	western diamond-backed Rattlesnake	-	INV	G5	S2
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Desmognathus conanti</i>	spotted dusky salamander	-	INV	G5	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B, S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G1G3	S1
<i>Notropis girardi</i>	Arkansas River shiner	LT	SE	G2	SX
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Pandion haliaetus</i>	Osprey	-	INV	G5	S1B, S4N
<i>Pantherophis emoryi</i>	Great Plains ratsnake	-	INV	G5	S3
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Plethodon serratus</i>	southern red-backed salamander	-	INV	G5	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5	S2
<i>Riparia riparia</i>	Bank Swallow	-	INV	G5	S3B
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Spea bombifrons</i>	plains spadefoot	-	INV	G5	S1
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
Plants-Vascular					
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Carex gigantea</i>	giant sedge	-	INV	G4	S1S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Croton lindheimerianus var. lindheimerianus</i>	Lindheimer's croton	-	INV	G5TNR	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Didiplis diandra</i>	water-purslane	-	INV	G5	S1S3
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dryopteris carthusiana</i>	spinulose wood fern	-	ST	G5	S1
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3

Yell County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Heliotropium convolvulaceum</i>	phlox heliotrope	-	INV	G5	S2
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Krigia occidentalis</i>	western dwarf-dandelion	-	INV	G5	S3
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Liatris scariosa</i> var. <i>nieuwlandii</i>	northern blazing-star	-	INV	G5?T3T5	S2?
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Solidago ouachitensis</i>	Ouachita goldenrod	-	INV	G3	S3
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Tradescantia bracteata</i>	long-bract spiderwort	-	INV	G5	S2
<i>Tradescantia longipes</i>	dwarf spiderwort	-	INV	G4	S2
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Vitis rupestris</i>	sand grape	-	INV	G3	S3
<i>Vulpia sciurea</i>	squirrel-tail six-weeks grass	-	INV	G5	S1
<i>Xyris difformis</i> var. <i>difformis</i>	bog yellow-eyed-grass	-	INV	G5T5	S2
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR