



The Department of  
**Arkansas  
Heritage**

Mike Beebe  
Governor

Cathie Matthews  
Director

Arkansas Arts Council

\*

Arkansas Historic  
Preservation Program

\*

Delta Cultural Center

\*

Historic Arkansas Museum

\*

Mosaic Templars  
Cultural Center

\*

Old State House Museum



Arkansas Natural Heritage  
Commission

1500 Tower Building  
323 Center Street  
Little Rock, AR 72201  
(501) 324-9619  
fax: (501) 324-9618  
tdd: (501) 324-9811

e-mail:

[arkansas@naturalheritage.org](mailto:arkansas@naturalheritage.org)

website:

[www.naturalheritage.com](http://www.naturalheritage.com)

An Equal Opportunity Employer



November 26, 2008

David Ferguson, Director  
Arkansas Bureau of Legislative Research  
State Capitol Room 315  
Little Rock, Arkansas 72201

Dear Mr. Ferguson:

Arkansas Statute Annotated §15-20-308 requires the Arkansas Natural Heritage Commission to submit an annual report to the Governor and to the General Assembly on or before December 1 of each year.

The Executive Summary (smaller booklet) contains information about our work over the past year and a status report for the System of Natural Areas and the Registry of Natural Areas as required by the statute.

The larger, bound document includes detailed information for both the System and the Registry and is often used by citizens throughout Arkansas. The status reports (green pages) for each site within the System of Natural Areas include ownership information, driving directions, and stewardship activities performed at every natural area this year. The county-by-county listings of rare species, which make up our Registry of Natural Areas, are provided as blue pages.

As our website has become a vital public relations tool, we also make this information available for download. Last year's report was downloaded over 8,488 times. The 2008 Annual Report can be found under the "Learn" section, at the direct link: <http://naturalheritage.com/resources/report/>.

Thank you for your continued support of the commission and our state's natural heritage. Please contact me if I can provide additional information.

Karen Smith, Director  
Arkansas Natural Heritage Commission



At the Arkansas Natural Heritage Commission we are always looking for ways to do more and do better.

To help target public investments where they are most effective, our new Strategic Plan gives us insight beyond technical forecasts and “reactionary” planning for biennial budgets and annual operating plans.

With conservation of Arkansas’s biodiversity as our primary concern, ANHC’s priorities were established from different perspectives. We affirmed that our best work quite often results from collaborative conservation action with partner organizations that expands our impact across Arkansas. We need to continue to reach out in effective ways to connect an “eco-ethic” with Arkansans of all ages in all corners of the state.

Natural areas are places for Arkansans to watch birds, hike, hunt, fish, and just enjoy the scenery. And, just as important, their ecosystem services offer value-added features such as wetlands to provide flood control, habitat to support a host of insects to pollinate crops and flowers essential to agriculture, and forestlands to sequester carbon.

As required by Arkansas Statute Annotated § 15-20-308 the following annual report conveys our status as of December 1, 2008.

We are learning to look for the “scenery” beyond the horizon so that we can plan and respond and do our best to ensure the Arkansas landscape will forever remain a beautiful mosaic that is the Natural State.

Sincerely,

Karen Smith  
Director

Mark Karnes  
Commission Chairman

## **Guide to Images Used in Report**

Cover: Palmetto Flats NA

Inset images (l to r): Prescribed burn at Railroad Prairie NA, Henslow's sparrow, small-headed pipewort,

Director's letter: Ashy sunflower

Table of contents: Obedient plant

Pages 2 and 3: Cypress knees at Moro Big Pine NA-WMA

Inset images (l to r): ANHC commissioners and staff examine Arkansas biodiversity map, DAH logo, ANHC logo, ANHC commissioners and staff at Lorance Creek NA

Page 4: Bear Hollow NA

Page 7: Signage at Lorance Creek Natural Area

Pages 8 and 9: H.E. Flanagan Prairie NA

Inset images (l to r): Monarch butterflies on pale purple coneflower, staff survey a private prairie remnant, Missouri bladderpod, ANHC staff conduct plant monitoring

Pages 10 and 11: ANHC and TNC staff at Palmetto Flats NA

Inset images (l to r): members of the Multi-agency wetland planning team, natural area boundary marker, staff present ANHC award at state science fair, Holland Bottoms WMA cooperative sign

Pages 12 and 13: Rough coneflower on tallgrass prairie remnant

Inset images (l to r): Aerial view of Ouachita Mountain shale glade, caterpillar of milkweed moth, ANHC and TNC staff conduct plant community monitoring, small-headed pipewort

Page 16: Wildflowers at Cherokee Prairie NA

Page 17: Ornate box turtle

Pages 18 and 19: Kings River Falls NA

Inset images (l to r): Pondberry, RCW at Pine City NA, newspaper article concerning acquisitions at Cave Springs Cave NA, aerial image of Chesney Prairie NA

Page 21: Sweden Creek Falls NA

Pages 22 and 23: Prescribed burn at Railroad Prairie NA  
Inset images (l to r): Terre Noire NA entrance sign, ANHC staff clear brush at Pine City NA, ANHC staff clean an RCW nest cavity, quality circle staff day at Miller County Sandhills NA

Page 25: ANHC staff use a "tree-top peeper" to inspect an RCW cavity at Pine City NA

Page 28: Bumblebee on milkweed

Page 29: Western marsh spider-lily at Palmetto Flats NA

Pages 30 and 31: Cossatot River State Park-NA  
Inset images (l to r): ANHC display at Little Rock Zoo Earth Day event, ANHC e-newsletter, ANHC staff presentation to library summer reading club, ANHC staff instruct teachers at DAH teacher workshop at St. Joe

Page 34: Summer reading program at Ward Public Library

Page 35: (clockwise from upper left) Ornate box turtle, arogos skipper, larkspur at Terre Noire NA, Baker Prairie NA, Seven Devils Swamp NA, Stone Road Glade NA.

## **Guide to Abbreviations Used in Text**

**AFC:** Arkansas Forestry Commission

**AGFC:** Arkansas Game and Fish Commission

**ANCRC:** Arkansas Natural and Cultural Resources Council

**ANHC:** Arkansas Natural Heritage Commission

**ASP:** Arkansas State Parks

**ATV:** All-terrain Vehicle

**CAST:** Center for Advanced Spatial Technologies

**DAH:** Department of Arkansas Heritage

**EAST:** Environmental and Spatial Technology

**GAP:** Gap Analysis Project

**IBW:** Ivory-billed Woodpecker

**NA:** Natural Area

**NAA:** Natural Areas Association

**NAWCA:** North American Wetlands Conservation Act

**ONSC:** Ozark Natural Science Center

**RCW:** Red-cockaded Woodpecker

**TNC:** The Nature Conservancy

**USFWS:** United States Fish and Wildlife Service

**USGS:** United States Geological Survey

**WRNWR:** White River National Wildlife Refuge



**Table of Contents**

Commission .....	2
Staff .....	4
Strategic Plan-Executive Summary .....	5
Financial Summary .....	6
Grants.....	8
Cooperative Agreements .....	10
Research and Inventory .....	12
Registry of Natural Areas .....	16
Registry of Natural Areas-Status .....	17
Acquisitions .....	18
Stewardship.....	22
System of Natural Areas-Map .....	27
System of Natural Areas-Status .....	28
Education and Information .....	30

*It's a family's responsibility to teach preservation to our children, whether through stories or artifacts. Our children need to accept the responsibility of using what we have wisely and trying to maintain and preserve it.*

a Department of Arkansas Heritage  
focus group participant

# Commission



The Department of  
**Arkansas  
Heritage**



*I was extremely impressed with the professionalism, dedication and enthusiasm of the highly qualified and educated staff.*

Lucien Gillham, ANHC Commissioner  
*Arkansas Out-of-Doors*  
June 2008

The Department of Arkansas Heritage (DAH) and its agency partners have catalyzed a long period of productive growth in cultural, artistic, conservation, and preservation in Arkansas as evidenced by recent research conducted by Ken Hubbell Associates. Led by Director Cathie Matthews, the department is made up of seven divisions, each with its special contributions: Arkansas Arts Council, Arkansas Historic Preservation Program, Arkansas Natural Heritage Commission, Historic Arkansas Museum, Delta Cultural Center in Helena, Mosaic Templars Cultural Center, and the Old State House Museum.

The Arkansas Natural Heritage Commission (ANHC) is charged with establishing and protecting a system of natural areas and

working to conserve the state's natural diversity. Created by Act 112 of 1973, the commission became a part of the department when it was created in 1975.

The commission is made up of fifteen members. Nine members are appointed by the governor for staggered terms of nine years each. Through Act 1288 of 2001, three members are appointed by the President Pro Tempore of the Senate and three members are appointed by the Speaker of the House of Representatives. The commission provides general direction to ANHC professional staff, approves cooperative agreements, acts on staff proposals for acquiring natural areas, establishes rules and regulations, and adopts and amends management plans for individual natural areas.

This year, commissioners continued to support, enhance, and diversify our conservation impacts. They discussed detailed reports on grant funding and budget reports, took an extensive look at ANHC's partnership projects, requested a special report on natural area management plans and monitoring



procedures, and branched out beyond the boardroom. Commissioners visited Lorraine Creek Natural Area and Warren Prairie Natural Area for field trips following quarterly commission meetings. The executive committee actively participated in our strategic planning process.

The strategic plan concentrated on different aspects of ANHC, DAH and outside forces. We looked at what organizations and which leaders would be playing a role in the sustainability and conservation of our state's native landscapes, ecosystems, and biodiversity.

The department and commission welcomed 30 colleagues and conservation partners to take part in the planning process by participating in a Visioning Forum. Key insights and recommendations were assembled into trends and larger forces that ANHC staff used to develop a set of strategies. An executive summary of the strategic plan can be found on our website at:

<http://www.naturalheritage.com/about/who.asp>

The commission and staff would like to take this opportunity to recognize three commissioners whose terms of service ended this year: Staria Vanderpool, Kay Arnold, and David Strohl. In addition, we marked the passing of two former commissioners, Jane Huffman and Hurlon Ray. We are grateful for all of their contributions to the commission and to conservation in Arkansas.

Governor Appointees

Mark Karnes, Chairman  
Arkadelphia

Len Pitcock, Vice-chairman  
Little Rock

Curtis Adams Jr., Secretary  
Fort Smith

Manuel Barnes  
Bentonville

Lucien Gillham  
Sherwood

Neill Sloan  
Lake Village

Doug Swann  
Little Rock

Kay Arnold (term expired 2008)  
Little Rock

Staria Vanderpool (resigned August 2008)  
Jonesboro

David Strohl (resigned September 2008)  
Hazen

President Pro Tempore of the Senate Appointees

Anne Bradford  
Little Rock

Ann Cornwell  
Little Rock

Lisa Oden  
Camden

Speaker of the House of Representatives Appointees

David Duch (resigned October)  
Hazen

Warren Jennings, Sr.  
DeWitt

Myra McNeil  
England

## **ANHC Staff**

### Administration

Karen Smith, Director

Chris Colclasure, Deputy Director  
Specialty: Land Acquisition

Toni Snow, Administrative Assistant

Bob Spraggins, Business Manager

### Stewardship

Douglas Fletcher, Chief of Stewardship  
Specialty: Herpetology/Mammalogy

John O'Dell, Stewardship Field Ecologist  
Specialty: Public use specialist/Prescribed  
fire crew leader

Bryan Rupar, Stewardship Field Ecologist  
Specialty: Invasive species

### Arkansas Heritage Program

Bill Holimon, Chief of Research  
Specialty: Zoology

Cindy Osborne, Data Manager/  
Environmental Review Coordinator  
Specialty: Biology

Jennifer Akin, Conservation Biologist/  
Grants Coordinator  
Specialty: Plant ecology

Tom Foti, Part-time Advisor/Natural Area  
Chief Planner  
Specialty: Plant community ecology

Scotty Winningham, Assistant Data  
Manager  
Specialty: Wildlife biology

Theo Witsell, Botanist  
Specialty: Botany

Katie Shannon Assistant Data Manager/  
Environmental Review Specialist

### Education and Information

Jane Jones-Schulz, Education and  
Information Coordinator  
Specialty: Scenic rivers and watersheds

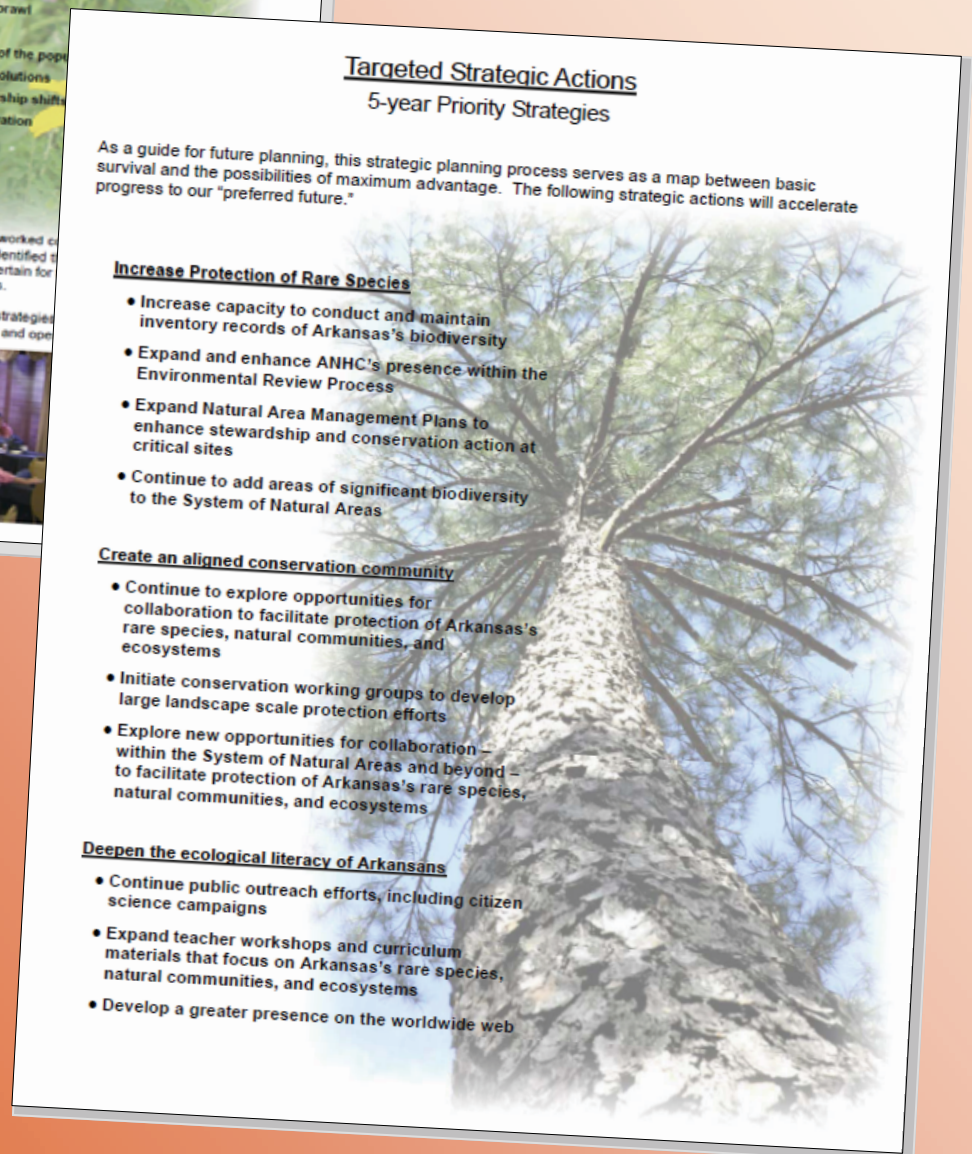
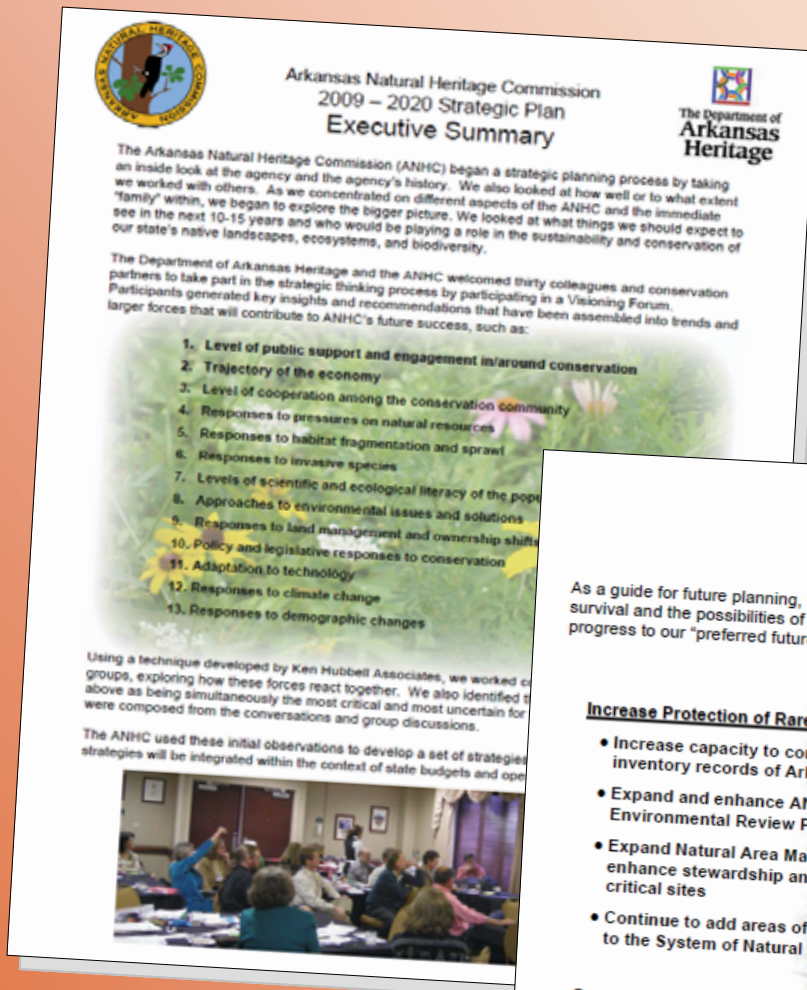
Michael D. Warriner, Information Officer  
Specialty: Website development



# Strategic Planning

Our strategic planning process concentrated on forces that will play a role in the sustainability and conservation of our state's native landscapes, ecosystems, and biodiversity. A Visioning Forum with 30 colleagues and conservation partners generated key insights and recommendations that were assembled into trends and larger forces we used to develop a set of five-year priority strategies. A copy of the Executive Summary of our Strategic Plan is available on our website at:

<http://www.naturalheritage.com/about/who.asp>





# Financial Summary

*Our conservative budgeting and careful planning have put Arkansas in an advantageous economic position compared to many other states.*

Governor Mike Beebe's Statement  
on Year-end State Revenue Figures  
July 2, 2008

The commission receives its funding from five sources. These sources are: General Revenue, Arkansas Natural and Cultural Resources Council Grants, Federal Grants, one-eighth cent conservation tax and two cash accounts.

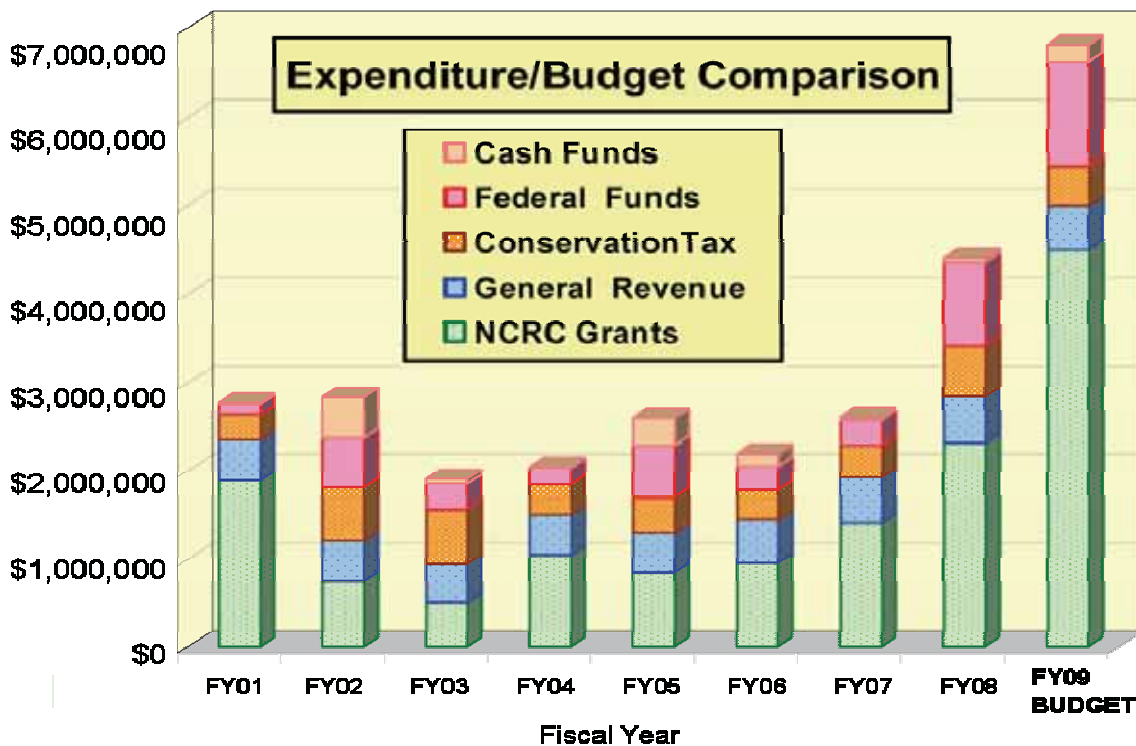
From General Revenues we pay the salaries of eight of our fifteen full time employees, and a limited portion of the commission's operating expenses.

The Arkansas Natural and Cultural Resources Council grant funds contribute to biodiversity research activities, as well as stewardship and land acquisition for the System of Natural Areas. The FY 2009 grant award totaled a record \$4,000,000 for land acquisitions. Carry-over funds from the previous grant will provide the remaining projects and services this year.

Federal grants pay the salaries and associated matching expenses for five full-time staff. Each grant is specific in nature, with no on-going federal grant sources to fund fixed administrative costs. The commission staff, which includes a grants coordinator, must continually work to secure grants that collectively can generate the income to support expenses in the federal account.

The one-eighth cent conservation tax pays for two employees, administrative costs, and special maintenance, stewardship and research activities on the natural areas. This year we have a carry forward amount for land acquisitions of \$94,110 from an allocation made in FY2008.

The Cash account funds are generated from fees for research services, donations, and other income from non-federal sources to pay for one part-time employee and special projects from time to time.



**Arkansas Natural Heritage Commission  
FINANCIAL REPORT: FY2009 B U D G E T**

The commission effectively manages its staff and financial resources to maximize conservation efforts for Arkansas's natural resources. The commission's staff consists of fifteen full-time employees, five part-time land stewards, and one part-time advisor. With expertise in all phases of conservation, they continue to discover more about Arkansas's biodiversity, protect and care for ecologically significant locations, and share the conservation message throughout the natural state and beyond.

<b>General Revenue</b>	<b>\$507,655</b>	<b>7%</b>
<b>Conservation Tax</b>	<b>\$445,580</b>	<b>7%</b>
<b>Federal Funds</b>	<b>\$1,173,072</b>	<b>17%</b>
<b>ANCRC Grants</b>	<b>\$4,489,781</b>	<b>66%</b>
<b>Cash Funds</b>	<b>\$189,180</b>	<b>3%</b>
<b>TOTAL</b>	<b><u>\$6,805,278</u></b>	<b>100%</b>



# Grants



*The U.S. Congress has responded to the problem facing America's wildlife by enacting a visionary program to ...chart a future for wildlife conservation—State Wildlife Grants.*

Arkansas Wildlife Action Plan  
Arkansas Game and Fish Commission

The commission seeks out grant opportunities to sustain conservation initiatives throughout Arkansas. Grant funding supports land acquisitions for the System of Natural Areas, restores native habitat and ecosystems, and expands research of Arkansas's biodiversity. We use grant funding to strengthen relationships with government agencies and other conservation partners to expand the impact of our work across the landscape of Arkansas.

Our most significant grant funding comes from the Arkansas Natural and Cultural Resources Council (ANCRC). This year, DAH Director Cathie Matthews allocated a record \$4,000,000 in land acquisition funding

for the System of Natural Areas from the Department's 2009 ANCRC grant. ANCRC council members, including our chairman, Mark Karnes, recognized that Arkansas has an opportunity for conservation as we encounter transfers of ownership on major tracts of ecologically significant lands.

Grant administration requires careful monitoring of each grantor's funding cycles, state and federal fiscal year calendars, and contributions pledged as state matching requirements. The project planning, for grant funded initiatives, must also factor in breeding seasons for animals, flowering/seed production for plants, and the weather/ground conditions for on-the-ground activities.

Working on a grant awarded last year by the U.S. Fish and Wildlife Service, through the Arkansas Game and Fish Commission, ANHC staff examined populations of grassland-dependent species (a number of bird species, the ornate box turtle, and arogos skipper, a butterfly) in the Arkansas Valley Ecoregion,



discovering and re-discovering several rare species on privately owned prairie remnants. This research project and others like it provide important biodiversity inventory data which is the basis for determining our conservation action strategies.

In 2008, new grant awards totaled \$4,137,145, amounting to 66% of our active grant funds. The remaining 34% represents carryover funds from grants for multi-year projects and/or funding cycles that do not correspond with state fiscal years.

Funding for new grant awards during this reporting period include:

- \$4,000,000 from the Arkansas Natural and Cultural Resources Council for land acquisitions, including additions to current natural areas as well as targeted new locations to the System of Natural Areas (Project period is July 1, 2008 to

June 30, 2009, with a carry forward option for one year)

- \$61,000 from the U.S. Fish and Wildlife Service, Habitat Conservation Planning Assistance Program through the Arkansas Game and Fish Commission for a third year of support to develop a plan for implementing immediate and long-term conservation efforts in the Big Woods of Arkansas for six federally listed endangered species: the Ivory-billed Woodpecker, the Interior Least Tern, the Red-cockaded Woodpecker, and three mussels: the fat pocketbook, the pink mucket and the scaleshale (Project period October 18, 2007 through September 30, 2009)
- \$50,625 from the Land and Water Conservation Fund through the Arkansas Department of Parks and Tourism's Outdoor Recreation Grants Program, amending the previous year's grant for the acquisition of land as an addition to Miller County Sandhills Natural Area (Project period February 28, 2007 through December 31, 2008)
- \$18,320 from the U.S. Fish and Wildlife Service Section 6 Endangered Species Grants Program for biological surveys and research on five plant species of conservation concern (Project period November 1, 2008 through December 31, 2009)
- \$4,000 from the U.S. Fish and Wildlife Service Section 6 Endangered Species Grants Program for a two year project to conduct surveys of Missouri bladderpod populations and to develop management plans for documented sites (Project period August 30, 2006 through December 31, 2008)
- \$3,200 from the US Forest Service Invasive Plants Program through the Arkansas Forestry Commission, amending Phase II of the existing two year project grant for conducting management activities to control non-native invasive plant species and assess treatment success at six exemplary natural areas (Project period September 1, 2006 through September 30, 2008)

# Cooperative Agreements



*It's very good to partner with an agency that is doing important preservation and education work in Arkansas.*

Jay Miller  
Administrator of Program Service  
Arkansas State Parks  
Memorandum March 31, 2008

The commission is granted authority to collaborate by Arkansas Code Annotated § 15-20-308, and since its creation in 1973, has participated in a variety of partnerships to protect the biodiversity of the “natural state.” These partnerships help with managing the System of Natural Areas and promote other conservation actions and initiatives. ANHC staff members share their specialized expertise with our conservation partners, while at the same time benefit from the skill sets of experts in other fields.

Each agreement is presented to the commission for approval providing details such as the focus of the partnership project

and the commitment of staff time and other resources. Currently ANHC devotes 23% of its staff time to work on 72 cooperative agreements with non-profit organizations, private timber companies, local governments, state and federal agencies, state colleges and universities, and others.

Many cooperative agreements are ongoing and represent long-term partnership arrangements. This year, we updated and renewed our Memorandum of Agreement with the AGFC first established in 2001. We also participated in a stakeholders meeting for state, federal, and other cooperators to report progress, plan for upcoming projects, and discuss the funding needs of future studies related to the White River Comprehensive Study, a cooperative agreement initiated in 2002.

Other cooperative agreements have a defined timeframe or concentrated project focus. For example, the Arkansas Herpetological Society finished working on an agreement to



orchestrate an ornate box turtle survey on tallgrass prairie remnants in western Arkansas. The Albermarle Mitigation Bank, developed to mitigate wetland impacts caused from the piping of brine from oil fields, has been inactive for many years and no longer requires the commission's participation. We completed an agreement with Potlatch Forest Holdings, Incorporated and NatureServe that resulted in the creation of a computerized decision support system to guide land management activities on Potlatch lands in Bradley and Calhoun Counties. The Aquatic Nuisance Task Force developed a statewide Aquatic Nuisance Species Management Plan which was the project focus of this cooperative agreement.

The commission continues to expand its involvement in cooperative conservation projects statewide. In 2008, twelve new cooperative agreements were established.

The most significant of these include:

- **University of Arkansas Center for Advanced Spatial Technologies:** ANHC staff is working with the University of Arkansas Center for Advanced Spatial Technologies (CAST) to revise and update an existing vegetation map of Arkansas based on the Gap Analysis Project (GAP). This new effort focuses on a limited area of the state that encompasses the primary location of Fayetteville Shale play exploration and development activities. This information can then be used by the LINGO project (Low Impact Natural Gas and Oil) to help developers and government agencies identify and minimize environmental impacts.
- **Arkansas Environmental Education Association:** Our Education and Information Coordinator serves on the Arkansas Environmental Education Association (AEEA) Board of Directors. AEEA is a networking and information based organization for educators, students, business, government, and the general public to increase the awareness and knowledge about the environment.
- **Arkansas Science Fair Association:** The commission is sponsoring four general "Natural Heritage" awards at the annual state science fair, as well as providing support for the Arkansas students to compete at the national level.
- **US Fish and Wildlife Service:** The US Fish and Wildlife Service agreed to partner with the commission in the reforestation of a recent acquisition at Cave Springs Cave Natural Area. Cave Springs Cave supports two federally listed karst dependent species, the Ozark cavefish and the gray bat. Through this agreement we received \$4,800 for the first restoration phase and project an additional \$7,200 in funding to continue the restoration this year.

# Research and Inventory



*This information allows us to review overall impacts to endangered and threatened species, avoid duplication of recovery efforts, coordinate more closely with our law enforcement division, and most importantly, track recovery efforts and task implementation.*

Sam D. Hamilton, Regional Director  
U.S. Fish and Wildlife Service  
Section 6 Cooperative Agreement letter  
October 10, 2007

The commission participates in NatureServe, the international network of scientific researchers and biodiversity databanks also known as “heritage programs.” Our Research and Inventory Section interfaces the results of field research, as well as findings from other sources, related to Arkansas’s rare, threatened, and endangered plant and animal species and natural communities with this network.

Biological field surveys and inventory work document locations of species and natural

communities of conservation concern. The Arkansas Heritage Program biodiversity database contains computerized data on the location and extent or abundance of a species or natural community of concern, with mapable features in a Geographic Information System. This database is also used to organize monitoring efforts, which are conducted to detect possible changes over time in the status – or “rarity” - of rare species and natural community composition.

NatureServe’s standardized methods provide a consistent process for evaluating the relative imperilment of native species and ecological communities. The result is a dynamic process that updates the conservation status and ranks of the elements of biodiversity as new data and technologies become available. For example, this year staff integrated years of research with the internationally recognized natural community classification system. This effort allows much better assimilation of Arkansas information at all levels.



The commission currently tracks 849 species of plants and animals considered to be rare or uncommon in the state. This list includes 22 mammals, 28 birds, 54 fish, 28 amphibians, 20 reptiles, 194 invertebrates, and 503 plants. ANHC staff entered 1,566 new locations for rare species into the database this year. These records were derived from biological field inventory work conducted by ANHC staff and contract biologists, as well as reports and data files received from outside sources. As of this report, the Arkansas Heritage biodiversity database contains a total of 13,827 records.

Other notable research and biological inventory projects over the past year include:

- ANHC staff conducted surveys by helicopter to investigate areas identified from aerial photography and target future biological inventory work.

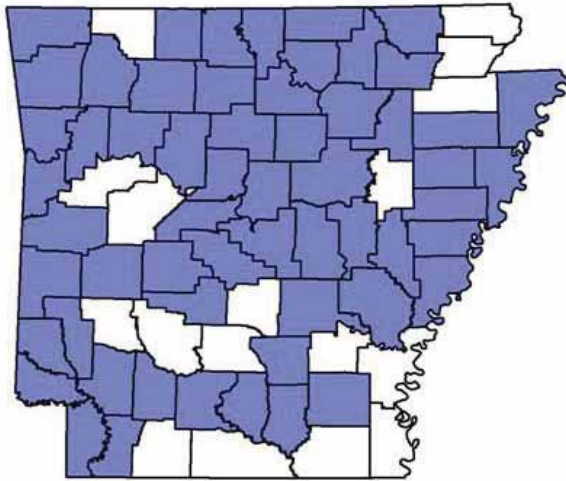
- ANHC staff represented Arkansas and reported the status of the federally listed endangered plant Harperella (*Ptilimnium nodosum*) at the national recovery plan meeting.
- A contract with the University of Arkansas at Monticello to update data on Arkansas's rare plants, added 611 specimen records to the database.
- ANHC staff participated in meetings and provided input to the regional and statewide recovery planning for the federally listed endangered Red-cockaded Woodpecker (*Picoides borealis*).
- ANHC staff participated in the Southern Forest Futures Project, a two-year effort that will use technical forecasts and expert analysis to provide forest managers, policy makers, and science leaders a better understanding of the potential long-term changes in southern forests.
- ANHC staff guided and provided ecological input to Dr. Reed Noss, a former editor of the Journal of the Society for Conservation Biology, who is writing a book on grassland communities of the southeastern United States.

As the central repository for statewide information on the location of rare species and natural communities, the Arkansas Heritage Program biodiversity database serves a diverse audience. Government and non-government entities request the data for use in protection and stewardship planning. Internally, the commission uses the data in creating and updating management plans for the System of Natural Areas.

The environmental review and information sharing process combines NatureServe technology, the records compiled in the Arkansas Heritage Program's biodiversity database, and the input and analysis of commission's staff expertise. The



## ANHC 2008 Inventory Work



### Animal Inventory



### Plant Inventory



### Natural Community Inventory



commission had the opportunity to contribute to a variety of projects and initiatives over the past year, including:

- ANHC staff provided data to the Ouachita and Ozark-St. Francis National Forests for use in land management planning, and to several timber companies to help meet mandates associated with the sustainable forestry initiative.
- ANHC staff coordinated with the Corps of Engineers on multiple projects including the evaluation of the Lower Arkansas-White River Cutoff study and the Boeuf-Tensas Basin, Southeast Arkansas Feasibility Study for agricultural water supply and flood control.
- ANHC staff participated in the review of the Ouachita National Forest Travel Management Plan that will designate where Off Highway Vehicles may travel within the Ouachita National Forest.
- ANHC staff worked with private and public agencies related to the Fayetteville Shale Natural Gas discovery:
  - Working under a federal grant, the University of Arkansas designed a website to provide information to companies and individuals related to the

natural gas play in the Fayetteville Shale of central Arkansas. The project is referred to as the Low Impact Natural Gas and Oil Program (LINGO). ANHC staff provided input on website content and a prototype data set for use on the project.

- ANHC staff provided data to a natural gas company to help reduce the potential for adverse environmental impacts from development.
- The commission worked with the Bureau of Land Management to help evaluate potential impacts to sensitive species and habitats related to the lease of federal mineral rights in the natural gas play area.

ANHC staff, following a series of severe storms that included tornados and flooding, provided data to several state and federal agencies helping with emergency relief. The data was used to help minimize impacts to endangered species during storm clean-up.

The Arkansas Heritage Program's biodiversity database also allows ANHC staff to provide information on the locations of rare species and/or biologically sensitive areas to development project coordinators early in their planning process. This helps them comply with environmental regulations and saves them

time and money by discovering potential impacts early in the process rather than after development has begun. It also increases the likelihood of voluntarily change in development plans that reduce or eliminate negative impacts to rare species or natural communities.

ANHC staff often publish and present findings on the results of their research projects. Research efforts are sometimes completed by a single investigator and at other times are collaborative efforts among ANHC staff and partners such as federal, state, non-government, and academic scientists. Presentations are given at a variety of state, regional, and national forums. Specific staff presentations and publications for 2007-2008 were as follows (ANHC staff underlined):

#### **Technical Presentations**

##### **Arkansas Academy of Science, Arkadelphia, Arkansas**

Warriner, M.D. Distribution and Taxonomic Status of Tarantulas (*Theraphosidae*: *Aphonopelma*) in Arkansas.

Fulmer, T. Management of Invasive Plants on Two Natural Areas in Southwest Arkansas.

##### **Natural Areas Association, Nashville, Tennessee**

Akin, J. Innovations in Arkansas.

Holimon, W.C., C.T. Witsell, C.W. Rideout, W.H. Baltosser, and J.A. Akin. Smith's Longspur Winter Landing at Arkansas Airports.

Smith, K. (Host). State Natural Areas Workshop.

Witsell, C.T. Floristic Inventory in the Grand Prairie of Eastern Arkansas.

Warriner, M.D. Selling and Building a Natural Area Program.

Warriner, M.D., C.T. Witsell, and D. Emerson. Red-imported Fire Ants (*Solenopsis invicta*) as an Agent of Pedoturbation in Saline Barrens of Southern Arkansas.

##### **Arkansas-Louisiana Red-cockaded Woodpecker Stakeholders Meeting, El Dorado, Arkansas**

Foti, T.L. Ecology of Pine Flatwoods of southern Arkansas.

Holimon, W.C. Update on the Status of Red-cockaded Woodpeckers at Pine City Natural Area and Habitat Management of Warren Prairie Natural Area.

Witsell, C.T. Rare Plants and Plant Communities of the Pine Flatwoods Ecosystem.

##### **Regional Red-cockaded Woodpecker Translocation and Planning Meeting, Nacogdoches, Texas**

Holimon, W.C. Recovery Strategies for Red-cockaded Woodpecker Populations in Arkansas.

##### **SE Regional Fire Learning Network**

Witsell, C.T. Plants and Fire Ecology of Upland Woodland Ecosystems.

#### **Publications**

Jones. R.L., C.T. Witsell, and G. Nesom. 2008. Distribution and taxonomy of *Symphyotrichum sericeum* and *S. pratense* (Asteraceae: Astereae). Journal of the Botanical Research Institute of Texas 2(1):733-741.

Simpson, J., D. Crank, C.T. Witsell, and J.H. Peck. 2008. Two exotic ferns, *Dryopteris erythrosora* and *Marsilea quadrifolia*, newly naturalized in Arkansas. American Fern Journal 98: 111-112.

Warriner, M.D. 2008. First record of the Asian horntail *Eriotremex formosanus* (Hymenoptera: Siricidae), in Arkansas, U.S.A. Entomological News 119:212-213.

Witsell, C.T. 2007. The vascular flora of Saline County, Arkansas. M.S. Thesis. University of Arkansas at Little Rock. 280 pp.

# Registry of Natural Areas

Arkansas Code Annotated §15-20-308 directs the commission to maintain a registry or inventory of lands and waters in the state that are of significant scientific, educational, and/or recreational interest.

The Registry of Natural Areas reports the county-level distribution and status of rare species in Arkansas.

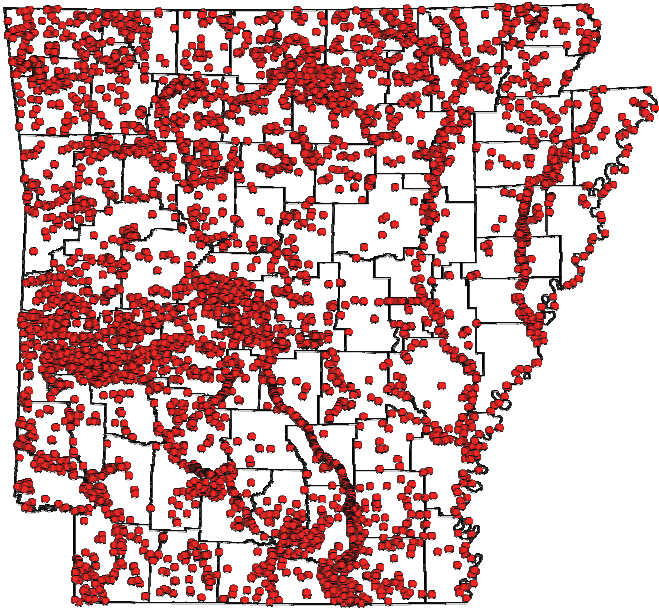
ANHC staff entered 1,566 new locations for rare species into the Arkansas Heritage Program biodiversity database this year. As of this report, the database contains a total of 13,827 records.

The information for each county is compiled and reported annually and is available on-line through the “Learn” section of our website at:

[www.naturalheritage.com/resources/report/](http://www.naturalheritage.com/resources/report/).

Each of the red dots on the map represents an Element Occurrence Record (EOR) that is a site-specific record of a rare plant, animal or high quality natural community. Additional information on the EORS currently tracked for each county is available as an active, searchable database on our website at:

[www.naturalheritage.com/program/element-search/](http://www.naturalheritage.com/program/element-search/).



Arkansas Counties





# Status of the Registry of Natural Areas

Cooperative agreements at the federal level with the U.S. Fish and Wildlife Service (USFWS) and at the state level with the Arkansas Game and Fish Commission (AGFC) address the agency's authority relative to plant protection. The federal agreement is a limited authority agreement for the conservation of threatened and endangered plant species and is renewed each year. Since 2001, a Memorandum of Agreement with the AGFC maintains "...to recognize the ANHC as the agency primarily responsible for monitoring the status of rare, threatened and endangered plant species; ..."

Locations of the state's rare species and natural communities are maintained in a repository of over 13,000 scientific records known as the "Arkansas Heritage Program." A member of NatureServe, an international network of State Natural Heritage Programs and Conservation Data Centers, this information is a powerful conservation tool useful in guiding natural resource decisions. Utilizing uniform methodologies enables standardized information regarding biological diversity to be shared across state and international boundaries.

A legend explains federal and state status codes and global and state ranks. Federal status codes represent designations by the USFWS under the Endangered Species Act. Global ranks address the rarity of a species throughout its entire range of habitat. State status and ranks for species and natural communities are not static and require regular evaluation by ANHC staff and other natural resource professionals.

The Registry of Natural Areas incorporates results of ANHC staff research and efforts of federal, state, and non-government organizations to collect data from existing

sources and to conduct new biological field inventories. The following examples occurred over the past year:

- Over 1,500 new locations for rare species were entered into the database this year. Records were derived from field inventory conducted by ANHC staff and contract biologists, as well as reports and data files received from outside sources.
- The commission updated its natural community classification system, adopting and adapting the national system used by NatureServe. This represents a significant advancement that will allow integration of the agency's natural community information at a national level and is the culmination of many years of effort.
- ANHC staff conducted research funded through an Arkansas Wildlife Action Plan grant on private land to assess the status and of remnant tracts of tallgrass prairie of the Cherokee Prairie Complex in the Arkansas Valley Ecoregion.
- Conservation data were provided to the Ouachita and Ozark-St. Francis National Forests for use in land management planning, and to several timber companies to help meet mandates associated with the sustainable forestry initiative.

Requests for county lists contained in the Registry of Natural Areas and other information can be made by contacting the ANHC using the contact information provided below.

Arkansas Natural Heritage Commission  
1500 Tower Building 323 Center Street  
Little Rock, AR 72201  
Phone: 501-324-9619 Fax: 501-324-9618  
Email: [arkansas@naturalheritage.org](mailto:arkansas@naturalheritage.org)

# Acquisitions



*WHEREAS, Joe Woolbright was instrumental in the acquisition of additional tallgrass prairie habitat that will now be protected within the bounds of Chesney Prairie Natural Area for perpetuity;*

*THEREFORE BE IT RESOLVED that the Arkansas Natural Heritage Commission honors efforts of Joe Woolbright and will continue to protect and manage Chesney Prairie Natural Area so it can be appreciated today and preserved for future generations of Arkansans.*

ANHC resolution  
September 17, 2008

Arkansas Code Annotated § 15-20-303 establishes the Arkansas System of Natural Areas. The commission takes steps to secure conservation protection by acquiring wild lands for the system. Relying on sound scientific research and biological inventory work, these sites represent some of the best, and last, remaining features of the mosaic of Arkansas's natural landscape.

Combining its institutional knowledge and collaboration efforts with outside partners, the commission implemented a strategic planning process in 2007. The strategic plan includes background materials, summary documents, and maps. The plan guides the commission's actions and targets public investments to the areas of greatest conservation concern. Those sites that can be successfully managed are then considered as potential additions to the System of Natural Areas. The commission's purchase negotiations are multifaceted, addressing such considerations as the availability of special grants funds for habitat protection of targeted rare species; purchase options for appraised value or bargain sales; cost-sharing through partnership opportunities; and fee-title or easement ownership of the new acquisition.

The timing of property acquisition is dependent on many variables, as is the case of Moro Big Pine Natural Area-Wildlife Management Area. The commission acquired



an interest in 6,042 acres in 2007 with plans to acquire an interest in the remaining 9,880 acres in 2008. The second closing for this area has yet to occur due to delays in accessing federal funds as a result of a required appraisal revision and a complex appraisal review.

Using funds from the one-eighth cent conservation tax, state grants from the Arkansas Natural and Cultural Resources Council, and federal grants from the US Fish and Wildlife Services, the commission acquired the following natural area properties in 2008:

- **Benson Creek (411.79 acres)**  
The natural area protects a high quality swamp and bottomland hardwood forest in the Big Woods of Arkansas. The Big Woods encompasses Arkansas's remnant floodplain forests lining the Mississippi, White, and lower Arkansas rivers, as well as the Cache River and its main tributary,

Bayou DeView. This addition was purchased from The Nature Conservancy and is a mix of agricultural land and floodplain forest. The agricultural land will be restored to bottomland hardwood forest.

- **Chesney Prairie (22.27 acres)**  
The natural area is one of the few prairie remnants on the Arkansas portion of the Springfield Plateau of the Ozark Mountains natural division. Much of its plants and animals are representative of the once extensive upland prairies and savannas of the western Ozarks. The site supports several plant and animal species of conservation concern that are dependent on or closely associated with tallgrass prairie. This acquisition added a quality prairie remnant directly adjacent to the natural area and the last of such quality in the immediate area.

- **Cove Creek (Access Easement)**  
ANHC staff aided by the Attorney Generals Office and Conway County Judge Jimmy Hart successfully acquired an access easement across three separate landowners providing public access to the natural area. This project has been ongoing since 2001. Access improvements to an unimproved road will provide adequate access for management and public visitation.

- **Kings River (112.083 acres)**  
The natural area is located at the transition of the Springfield Plateau and Boston Mountains subdivisions of the Ozark Mountains and includes significant portion of Kings River which is a clear mountain stream. ANHC staff negotiated two additions, one by donation and the other by purchase. These new properties increase public access to the river while also protecting more of Kings River, its riparian forest and tributaries.

- **Nacatoch Ravines (1,018 acres)**  
The natural area is one of the largest and most intact examples of dry, dry mesic, and mesic upland forests remaining in the northern part of the West Gulf Coastal

Plain. The Nature Conservancy recently purchased the property as part of a portfolio of priority sites when International Paper Company sold a significant portion of their land-holdings in Arkansas. The ANHC acquired a conservation easement on the property and will work with The Nature Conservancy to cooperatively manage the area.

- **Palmetto Flats (1,848 acres)**  
This is a new natural area that supports a large wetland ecosystem situated on the upper terraces of the Red River. The Nature Conservancy purchased the property on behalf of the commission as part of a portfolio of priority sites when International Paper Company sold a significant portion of their land-holdings in Arkansas.

- **Pine City (155.02 acres)**  
The natural area is a surviving remnant of the Delta pine/mixed oak woodland/savanna ecosystem in the Mississippi Alluvial Plain. It supports a genetically distinct population of loblolly pine referred to as the “Lost Pines of Arkansas.” This distinct population of pine in turn supports the only known population in the

Mississippi Alluvial Plain of the federally endangered Red-cockaded Woodpecker. ANHC staff negotiated purchases of three fee title properties. These acquisitions add conservation and management opportunities to restore and manage a portion of the loblolly pine forests in the Mississippi Alluvial Plain.

- **Slippery Hollow (160 acres)**  
ANHC staff negotiated a purchase of fee title ownership for a tract close to current land holdings. The acquisition adds conservation lands to maintain viable populations of target species (Ozark big-eared bat) and, as appropriate, other native plants and animals occurring within the site’s natural communities.

- **Swifton Sandponds (60 acres)**  
ANHC staff negotiated a purchase of a conservation easement that will protect a series of natural sandponds. This new natural area also protects a significant population of the federally endangered shrub pondberry (*Lindera melissifolia*).

As of this report, the System of Natural Areas consists of 65 natural areas, totaling 35,837.44 acres.

### Land Acquisitions for 2008



### **Other Land Protection Efforts**

Aside from the System of Natural Areas, the commission protects other lands of ecological importance. For example, the commission helps manage the U.S. Army Corps of Engineers' Saratoga Landing Blackland Prairie that lies adjacent to the Saratoga Blackland Prairie Natural Area in Hempstead County. This co-management agreement has been in place since 1987. The staff continues negotiations for a 25-year license agreement which would provide a longer term management agreement. A 40-year agreement with Potlatch Corporation cooperatively manages the company's Lost 40 property in southern Calhoun County. The commission holds wetland conservation easements on 1,741.3 acres of forested land in Woodruff County and a conservation easement on 96.75 acres of forested bottomland along the Petit Jean River in Yell County. The goals of such easements are to reduce erosion and maintain that these lands be kept natural.

As successor to the Natural and Scenic Rivers Commission, the ANHC has oversight responsibility for portions of four streams legislatively designated for protection through Act 689 of 1985. These constitute the Arkansas Natural and Scenic Rivers System and are:

- Upper Cossatot River (26 miles)
- Upper Strawberry River (43 miles)
- Upper Little Missouri (29 miles)
- Lower Saline River (157 miles)





# Stewardship



*I always enjoy listening and learning from your approaches in Arkansas...and I am using the materials [natural area management plans] daily in my job.*

Kim D. Herman  
Michigan Department Of Natural Resources  
President, Board of Directors  
Natural Areas Association

The System of Natural Areas encompasses a wide range of environments and supports a rich diversity of plant and animal species. ANHC staff take methodical steps, based on sound scientific research, to restore ecosystem functions and maintain or enhance habitat conditions required to perpetuate rare species and natural communities within the System.

Stewardship work activities are conducted within the framework of a conservation vision and guided by a management plan for all of the 65 sites (including two new ones) in the System of Natural Areas. Management plan

updates incorporate research findings and the results of proactive land management practices within the three-year review cycle for natural area management plans, and set work activities for the upcoming three-year period.

The foundation of stewardship work includes routine ground maintenance activities such as: boundary demarcation, installation of appropriate signs, removal of trash, establishing public access points, and the installation of gates and fences to reduce or eliminate any unauthorized vehicle access to the natural area. Following an initial site inspection of new natural areas by field ecologists, we regularly monitor and conduct further biological inventory to determine restoration opportunities for any degraded communities.

Throughout 2008, staff, contractors, and conservation partners kept watch over the commission's landholdings. During routine



ground maintenance activities, we discovered that an adjacent landowner at Slippery Hollow Natural Area had cleared an old abandoned road through the natural area to access a portion of his property for timber removal. Working with the AGFC's Enforcement Division, the landowner was notified by mail of the violation and since that time, the area has received no further activity, allowing the ground cover to begin to recover.

Commission staff and ASP staff received approval for an updated Long Range Development Plan for Cossatot River State Park-Natural Area which allows construction of an additional staff residence, amphitheater, and playground. ANHC staff conducted on site inspections and determined no adverse ecological impacts are expected.

We contacted utility companies concerning their maintenance of their right-of-way

easements at Chesney Prairie and Baker Prairie Natural Areas. Our assurance, that the commission's management of these prairie areas precludes any woody vegetation from becoming established, brought an understanding that eliminates the utility companies' need to bush-hog and/or use herbicides.

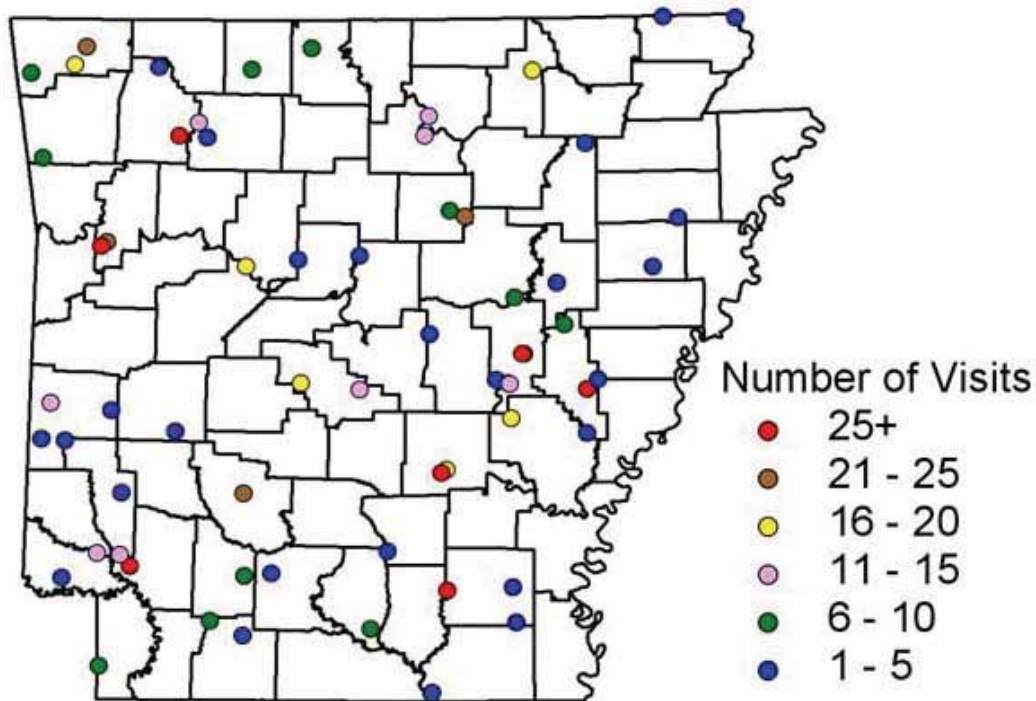
The past year brought several severe storms across Arkansas and our staff monitored the parts of the state with significant storm activity. Little or no damage from the weather events was reported on commission-owned lands. Very high flood waters did impact many of the rural county roads used for access to natural areas, and the affected counties across the state are working hard to rehabilitate these roads.

Several members of our staff attended and participated in the Moro Big Pine Natural Area-Wildlife Management Area Annual Management Team Meeting held in Warren, Arkansas. Our staff members, joined by partners from the AGFC, AFC TNC, and Potlatch Forest Holdings, Inc., conducted site assessments and participated in the discussions of past, present, and future management.

Stewardship staff monitored natural gas exploration and extraction activities on lands adjacent to natural areas and reported no adverse impacts to date. We permitted seismic testing, subject to restrictions such as no motorized vehicle use, no mechanical clearing of vegetation, and no drilling, at Falcon Bottoms, Cow Shoals, Big Creek, and Cove Creek Natural Areas.

Although a large part of the stewardship work focuses on basic grounds maintenance tasks; we conducted restoration activities on several natural areas. In general, ecological restoration can vary widely in its objectives and applications. The focus may include introduction, reintroduction, or augmentation of populations of native species, as well as the restoration of natural communities and ecosystems.

## Frequency of Natural Area Visitation 2008



Pine City Natural Area, a location receiving intensive restoration emphasis, offers an opportunity to reclaim former cropland. We planted over 75,000 local genotype pine seedlings, that occur nowhere else in the state, since 2004. The restoration effort includes site preparation, planting, monitoring, prescribed burning, and ecological thinning.

Also, thinning of forested tracts reduces canopy closure and restores more sunlight to the groundcover. A current ecological thinning project was suspended for many months due to wet ground conditions, but work began again during the summer months at Pine City Natural Area. A second ecological thin was also conducted at Warren Prairie Natural Area, enhancing the preferred habitat of the federally endangered Red-cockaded Woodpecker.

Less intensive restoration occurs on several other sites and is best represented by the use of prescribed fire. ANHC staff

conducted prescribed burns at Roth Prairie, Lorange Creek, Railroad Prairie, and Konecny Prairie Natural Areas. The Nature Conservancy was also contracted to conduct prescribed burns on 855 acres at eleven natural areas. All prescribed burns followed previously written and approved burn prescription plans, utilizing such extreme measures as hand installed firelines to minimize soil disturbance. Post burn monitoring, conducted along transects within all fuel models several days after the burn, is important to characterize fire intensity, coverage, corresponding vegetation effects and to determine if the fire management objectives were met.

Quite often at local scale and sometimes even up to a regional scale, invasive species create the need for restoration while threatening the outcomes of prior restoration efforts. Often restoration involves the control - and when possible - total elimination of invasive species

utilizing a variety of control measures ranging from hand pulling, selective herbicide use, and aerial application of herbicides (in the case of kudzu treatments). Stewardship staff instituted invasive species controls at twenty natural areas across the state. Subsequent plant community monitoring documented the successful return of native vegetation following the treatments.

All natural areas were visited at least twice and ANHC staff was on site at 68% of the natural areas six times or more this year. Stewardship work and inspections are documented in site assessment reports, and summarized in the System of Natural Areas section of the 2008 Annual Report. Natural Areas that are co-owned/managed by partners such as the AGFC and ASP were visited less by ANHC staff due to the presence of partner agency's staff. The map on the preceding page illustrates the frequency for all 65 natural areas in the System.

In 2007, we received special recognition at the Natural Areas Association's annual conference held in Cleveland, OH, giving presentations about the work and management practices that we are conducting in Arkansas. Of particular note was that the commission staff led a half-day special session on natural area management plans. We received a number of requests for copies of our natural area management plans to be used as models in the development of management plans across the country.

Additional details of stewardship activities and accomplishments are listed in the System of Natural Area pages in the bound reference document for this annual report, and on our website at:

**[www.naturalheritage.com/resources/report/](http://www.naturalheritage.com/resources/report/)**.



# Arkansas Natural Heritage Commission

## System of Natural Areas

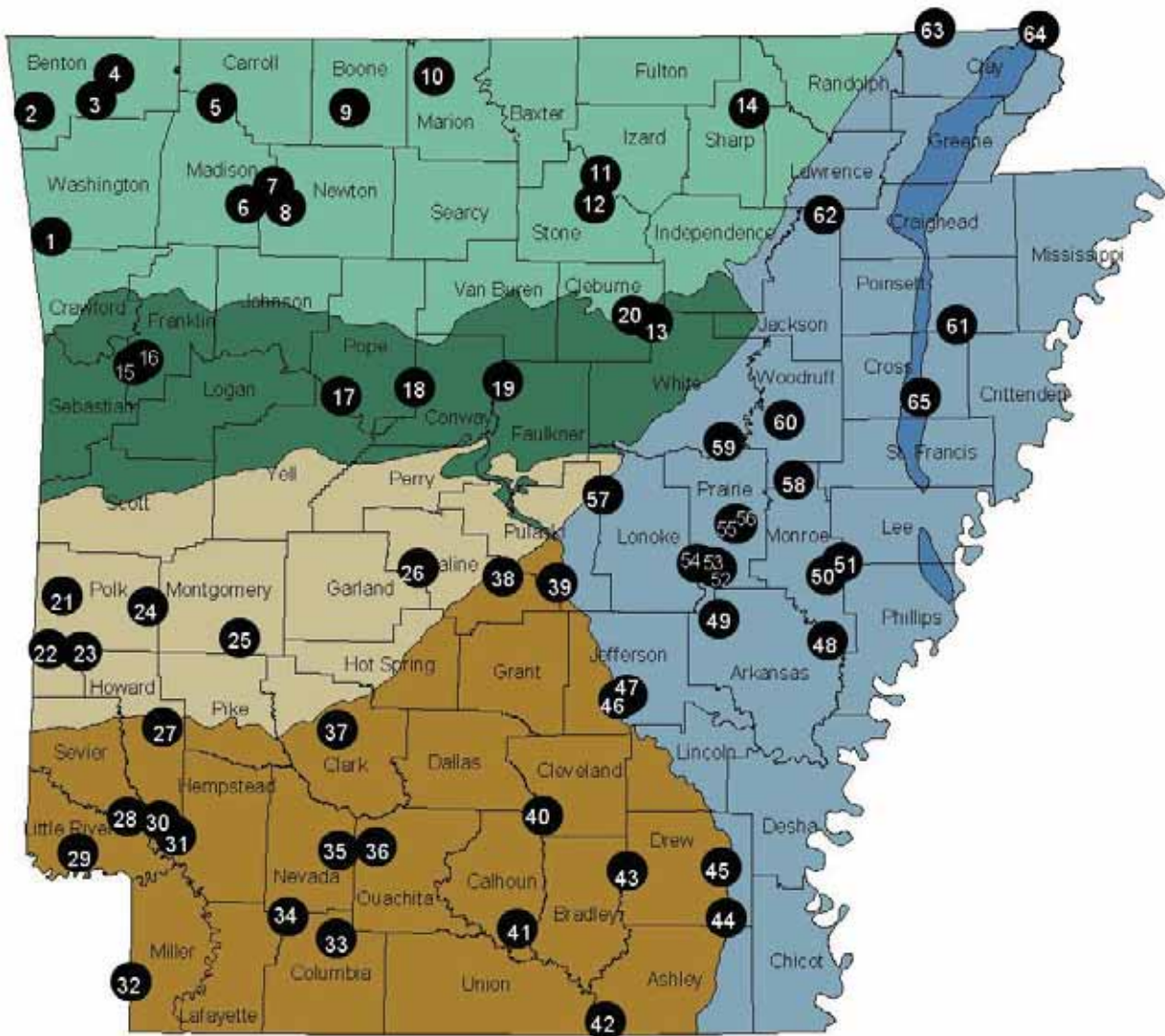
### Map Location Listing

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

Additional information about each of these natural areas, including virtual tours, downloadable brochures and maps, is available on the "Natural Areas" section of our website at:

**[www.naturalheritage.com/areas/](http://www.naturalheritage.com/areas/)**

# Arkansas Natural Heritage Commission 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 natural divisions of Arkansas are:

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

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



# Status of the System of Natural Areas

Arkansas Code Annotated §15-20-303 establishes a state System of Natural Areas. The legislation further empowers ANHC to “choose lands, waters, and interests therein to be acquired . . . for inclusion in the natural area system.” ANHC is required to describe and account for the status and condition of each portion of the System of Natural Areas by A.C.A. § 15-20-308 (11) each year.

Within the System of Natural Areas are 65 sites that represent some of the best, and last, remaining examples of the state’s original natural landscape. These special places protect natural communities and provide vital habitat for a host of plant and animal species, some of which are considered to be rare, threatened, or endangered.

The System of Natural Areas currently totals 35,837.44 acres of protected lands. The commission is responsible for the monitoring and management of each natural area in the system. Management Plans set forth the conservation vision and the necessary stewardship techniques to sustain them. Tasks and work activities run the gamut from ground maintenance to scientific research to monitor the condition of rare species and their habitats. Boundary lines, which must be painted, posted, and sometimes fenced, cover hundreds of linear miles across free flowing streams, steep slopes, thickets, swamps, and dense woodlands.

The commission meets the ecological goals set out in Management Plans by maximizing its resources and working with conservation partners. Responsible stewardship throughout the System of Natural Areas is demonstrated

in detail in a separate report. Examples include:

- Federal funds were secured to combat invasive plants at Holloway Memorial Natural Area.
- Cooperation with a neighboring landowner at Kings River Natural Area resulted in increased protection for Kings River as well as improved public use facilities.
- ANHC staff negotiated a no-drill lease on 40 acres at Big Creek Natural Area and monitored natural gas exploration and extraction. Successful negotiations resulted in improved roads into natural area.
- Staff-led burns at Roth Prairie Natural Area have been successful in controlling woody vegetation and maintaining prairie flora.
- Land acquisitions at Miller County Natural Area significantly increased the size of this site and was the focus of intensive restoration efforts by ANHC and TNC.
- The public and private partners who worked to make Moro Big Pine NA-WMA a reality were honored at the 34th annual Governor’s Conference on Tourism this year with the Crystal Award. This special award is presented periodically for great success in forwarding the development and promotion of tourism in Arkansas. Partners recognized with ANHC included AGFC, TNC, AFC, and Potlatch Forest Holdings Inc.

More information about the System of Natural Areas can be obtained at our website:

**[www.naturalheritage.com](http://www.naturalheritage.com)**

Individual status reports and other information, for each area within the System of Natural Areas can be found on our website at: [www.naturalheritage.com/resources/report/](http://www.naturalheritage.com/resources/report/) .

These status reports also contain other information such as: county location, size, driving directions, site description, status, and details regarding stewardship activities conducted at the site over the reporting year. Management plan status, elements of concern, and ownership/legal interest are also detailed for all natural areas within the System.

When visiting a natural area, please remember to leave nothing but footprints and take nothing but photographs. Removal of plants and animals from natural areas is strictly forbidden, with the exception of legally taken game and fish.

For information regarding hunting on natural areas, please refer to the AGFC's current Arkansas Hunting Regulations. Please limit

travel within natural areas to foot traffic only to minimize erosion and disturbance to sensitive habitats. Motorized vehicles, horses, camping, and construction of permanent hunting stands are prohibited on natural areas.

Scientific research is often a useful and acceptable activity on natural areas. Researchers are required to have a scientific research permit issued by the ANHC.

Requests for maps, scientific permits and other information can be made by contacting the ANHC using the contact information below. Maps are also available for download from our website at:

[www.naturalheritage.com/areas/map](http://www.naturalheritage.com/areas/map)

or by contacting :

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

Phone: 501-324-9619 Fax: 501-324-9618

Email: [arkansas@naturalheritage.org](mailto:arkansas@naturalheritage.org)





# Education and Information



*Receiving this award (the first Natural Heritage award at the Arkansas State Science Fair) has encouraged me to continue my research into more detailed levels. Thanks again for everything you do!*

Ashley Hickman  
Lakeside Junior High School  
Hot Springs

The commission's strategic plan points out: the level of public support and engagement in and around conservation is one of the key forces shaping our future. The commission's Education and Information Section strives to engage, educate, and enrich people of all ages, abilities, and backgrounds. We want to lead them to an understanding of their role in our natural heritage and the need for conservation and preservation of natural diversity in a rapidly changing world.

Building on past successes, such as continuing our partnerships for interpretive exhibit projects with ASP and AGFC, we branched out in unique new ways, with an electronic

newsletter and publicizing a new donations program on-line. Our total audience for school-age children was over 2,000 for the first time, and yet, those numbers included one-on-one programs to individual students in the intensive care unit at Arkansas Children's Hospital.

Our presence on the World Wide Web was our most powerful outreach tool. Our new monthly e-newsletter, with its first issue in December 2007, drew an enthusiastic response and expanded our audience, including requests from other organizations to re-publish our articles in their newsletters and outreach materials.

The website was also the vehicle for a new donation program. ANHC partnered with the William J. Clinton Presidential Center in a Land Stewardship Program to provide an opportunity for donors to become actively engaged in conservation through on-line charitable contributions. Promoting donations on the commission's website brought us other new relationships, as we received donations



from as far away as California, and organizations as diverse as the Little Rock Chapter of the American Association of Zookeepers.

We track monthly usage of the website and regularly update many sections, such as the image gallery and the downloadable materials. An important addition this year provided the only online outlet for downloadable copies of *Fayetteville Shale Best Managements Practices*, developed by the USFWS with input from other conservation organizations including the commission's staff.

The commission's website had a total of 417,570 visits over the past 12 months. The largest number of visitors in one month, 50,353, was recorded in May. Popular sections of the site included the Image Gallery and Citizen Science. Many visitors downloaded the document summarizing the 2007 results of almost 3,000 turtle sightings in our most recent citizen science effort - the Arkansas Box Turtle Survey.

Based on its overwhelming popularity, the Arkansas Box Turtle Survey continued in 2008 for a second year.

"Citizen science" provides opportunities for private citizens to assist in collecting important information. By connecting with professional scientists, it allows individuals, families, community organizations, and school groups - anyone interested in learning more about their local ecology - a chance to get involved.

The Citizen Science section of our website increased our on-line audience around the world. A group in Holland requested permission to link to our site, with a translation of the box turtle text, as part of materials devoted to international turtle conservation. Several national organizations also requested links, including the National Association for the Advancement of Environmental Education and "Finding Nature Nearby", a new trail guide database. A teacher in Michigan called about a crossword puzzle download.

While these statistics from this most recent citizen science effort are interesting, the "citizens" who participated are equally amazing. A man from Boone County sent in 34 different observations; and a woman from Logan County sent in eight observations, with a detailed hand-drawn map for each turtle she observed. Another man from Arkadelphia sent in 30 observations from six different counties, each with legal descriptions from topographic maps; a couple from rural Pulaski County sent in 32 observations between May 13 and October 13, all from their immediate area, which gives us an observation of turtle activity over time.

Many of the citizen scientists were also enthusiastic and generous enough to include photographs of box turtles they observed which added even more value to their records. Programs about box turtles and our work with citizen science were presented to the 2007 Arkansas Curriculum Conference and to the Arkansas Environmental Education Association (AEEA) 2008 Environmental Expo.



Other organizations working with citizen science value our experience, including the Cornell Lab of Ornithology Citizen Science office, and Arkansas Audubon who recently contacted us for advice as they began their own survey for wrens. A graduate student from Lakeland College in Illinois contacted us as part of a citizen science research project. EAST (Environmental And Spatial Technology) lab students at Central High School in Little Rock mapped the 2007 box turtle sightings, and students at the University of Arkansas in Fayetteville are also working with our box turtle data.

The box turtle survey generated state and nationwide media coverage, including articles in the *Arkansas Democrat-Gazette* and *USA Today*. We used the survey to help tell the bigger story of ANHC's work with biodiversity data when we filmed "Your Heritage Minute" – a sixty-second television spot with KHTV, a promotional program of the department. Working with the 2008 Heritage Month Theme, "Arkansas's Political Heritage: The People Rule," we partnered with the Ecological Conservation Organization (ECO) and the Museum of Discovery to celebrate the Threatened and Endangered Species Act, with "Arkansas Endangered Species Day."

The department's summer workshops for teachers also focused on Arkansas's political heritage. We conducted workshops at St. Joe and Hot Springs on the national and state laws governing the designation of natural resources. In addition, we received specific requests for workshops related to natural heritage information from Phillips County Community College, Sheridan Middle Schools, NE Arkansas Rural Math & Science Institute, the Little Rock School District, and Central Arkansas Christian Schools. We strive to ensure that our educational materials are correlated to the Arkansas Curriculum Frameworks, and this year we earned the Arkansas Department of Education's Annual Assurance Approval for providing professional development to educators. A total of ten workshops were conducted for 302 teachers who, in turn, went back to classrooms in 27 different counties.

Teachers are not our only adult audience. Components of our outreach efforts involve ANHC scientists with a host of field specialties and professional expertise. Many of our staff are recognized as authorities in their field and are requested to share their knowledge with a variety of "life long learners." A total of 25 programs were given to 627 adult around

the state. Staff from the research section led fieldtrips on our natural areas and three fieldtrips for a joint meeting of the Arkansas and Missouri Native Plant Societies. Programs were conducted for garden clubs, libraries, museums, Master Gardeners, and the Caddo and Ozark chapters of the Society of American Foresters.

During the year, we delivered a full range of learning opportunities at all levels, from pre-school children to college students; from public, private and parochial classrooms to wildlife camps, Science Enrichment Education for Kids (SEEK) for home school students, scout groups, university wildlife classes and long-term patients at Arkansas Children's Hospital. A total of 47 programs were given to 1,328 participants in these venues.

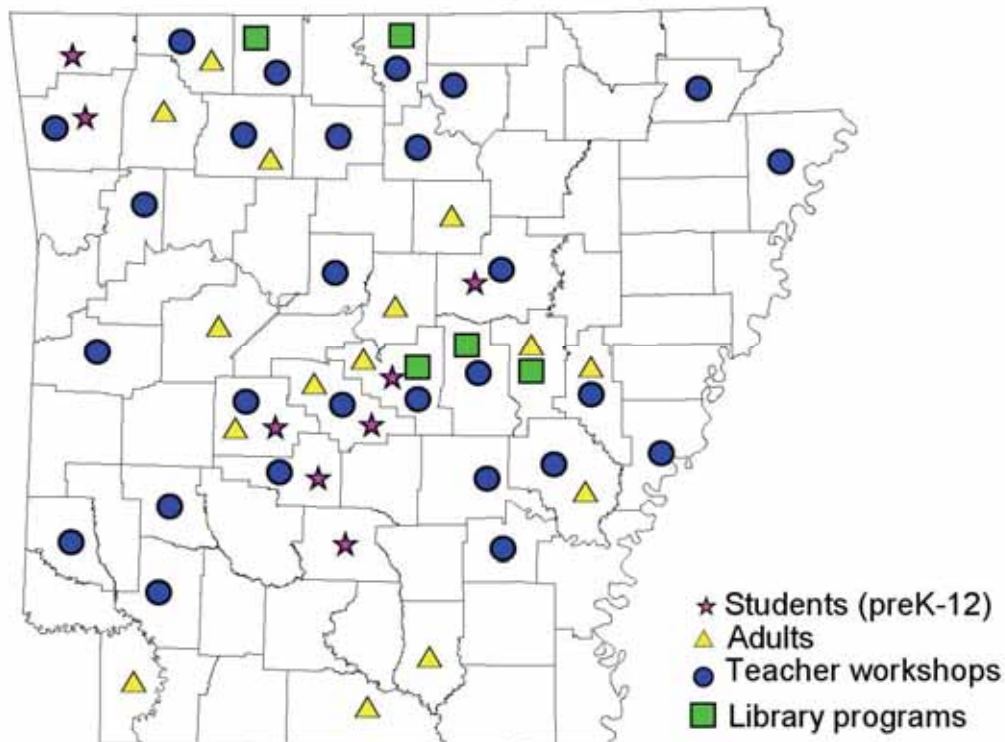
Public libraries have been a valuable education partner for ANHC for several years, particularly the summer reading clubs and the family night programs. These presentations give us the unique opportunity of reaching children and their parents, as most of the library programs are designed to include both. Last year, we gave nine

programs to 437 participants in Pulaski County. This year, 32 presentations were given in 12 different cities, in five different counties to 1,087 participants. With the subject of the programs this summer: "Catch the Reading Bug", the ANHC entomologist was in high demand for the months of June and July.

ANHC has supported local and regional science fairs for several years by providing staff for judging and mentoring students. This year, we expanded our support and sponsored four new natural heritage awards at the state science fair. ANHC presented awards for those projects that best reflect the investigation of elements of Arkansas's natural heritage. Two of the projects spanned multiple years of work and related directly to rare habitats protected on lands within the System of Natural Areas.

ANHC educational materials for students and teachers concentrates on Arkansas-specific information. We design and produce posters, lesson plans, and activity sheets that are distributed as part of our programming and, when possible, available as downloads on the website. This year, we updated and

### Educational and Outreach Programming for 2008



expanded of one of the cornerstones of Arkansas natural history education – *The Natural Divisions of Arkansas*, published originally in 1978 and again in 1979 by the Arkansas Ecology Center in cooperation with the ADE, and written by Thomas L. Foti. Thirty years later, the publication remains one of the most popular downloads from the ANHC website. This new publication as includes the illustrations of natural communities that occur in Arkansas, combining the natural division information and the natural community information for the first time in one book. A powerful tool for learning about Arkansas, the new edition was downloaded 5,176 times the first month was on the website.

The natural community poster series initiated an exciting new cooperative project with EAST labs in the state. Students from the Brinkley High School EAST lab decided to work on a film documentary about their community, and they chose their “natural community.” They used the ANHC’s bottomland hardwood natural community poster as the basis for their video and are now challenging other EAST labs across the state to produce similar projects.

We increase and diversify our audiences through participation in a variety of special events and resource fairs each year. ANHC staff designed displays and materials to

present our conservation message for the following events:

- Endangered Species Day – Museum of Discovery, Little Rock – attendance – 120
- Make A Splash Watershed Festival – Monticello – attendance – 245
- Earth Day – Little Rock Zoo, Little Rock – attendance – 4,252
- Earth Day – Heber Springs High School, Heber Springs – attendance – 140
- Cossatot River State Park/Natural Area Ecology Day – Wickes – attendance - 25
- Natural State Expo – Little Rock – attendance – 1,500
- Floodplain Ecosystem Symposium – Little Rock – attendance – 300
- 2008 Heritage Month Kick-Off Event – Little Rock – attendance – 100
- Arkansas Curriculum Conference – Little Rock – attendance – 2,200
- Arkansas Gifted and Talented Educators Conference – Little Rock - attendance – 190
- Catholic Schools of Arkansas Teachers Conference – Little Rock - attendance – 90
- Mosaic Templars Cultural Center Grand Opening - Little Rock – attendance - 3,068

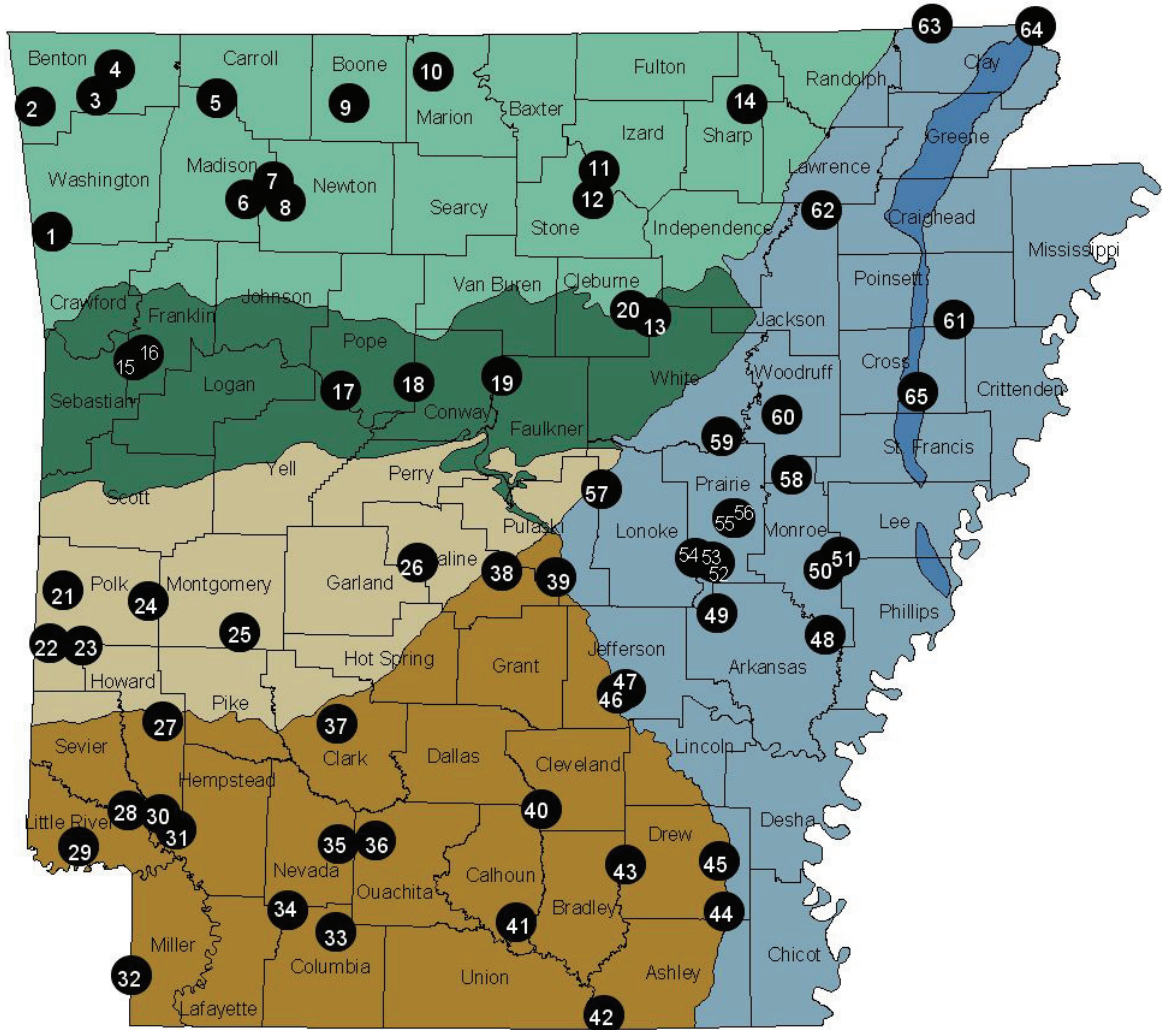


For more images of Arkansas's amazing biodiversity, visit the Image Gallery of our website at: <http://naturalheritage.com/gallery/>.





# Arkansas Natural Heritage Commission 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 natural divisions of Arkansas are:

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

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



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

<b>Map Location #</b>		<b>Status Page Number</b>
1	Garrett Hollow Natural Area .....	1-31
2	Chesney Prairie Natural Area .....	1-16
3	Cave Springs Cave Natural Area .....	1-12
4	Searles Prairie Natural Area .....	1-64
5	Bear Hollow Natural Area .....	1-5
6	Kings River Falls Natural Area .....	1-38
7	Sweden Creek Falls Natural Area .....	1-72
8	Pine Hollow Natural Area .....	1-55
9	Baker Prairie Natural Area .....	1-3
10	Slippery Hollow Natural Area .....	1-67
11	Devil's Knob-Devil's Backbone Natural Area .....	1-25
12	Hell Creek Natural Area .....	1-34
13	Big Creek Natural Area .....	1-7
14	Rock Creek Natural Area .....	1-60
15	Cherokee Prairie Natural Area .....	1-14
16	H. E. Flanagan Prairie Natural Area .....	1-33
17	Dardanelle Rock Natural Area .....	1-24
18	Goose Pond Natural Area .....	1-32
19	Cove Creek Natural Area .....	1-21
20	Cow Shoals Riverfront Forest Natural Area .....	1-22
21	Iron Mountain Natural Area .....	1-37
22	Fernwood Seep Natural Area .....	1-29
23	Cossatot River State Park-Natural Area .....	1-18
24	Big Fork Creek Natural Area .....	1-9
25	Gap Creek Natural Area .....	1-30
26	Middle Fork Barrens Natural Area .....	1-45
27	Stone Road Glade Natural Area .....	1-70
28	White Cliffs Natural Area .....	1-78
29	Palmetto Flats Natural Area .....	1-52
30	Saratoga Blackland Prairie Natural Area .....	1-63
31	Nacatoch Ravines Natural Area .....	1-51
32	Miller County Sandhills Natural Area .....	1-46
33	Logoly Natural Area .....	1-41
34	Falcon Bottoms Natural Area .....	1-27
35	Arkansas Oak Natural Area .....	1-1
36	Poison Springs State Forest Sand Barren & .....	1-56
	Oak-Pine Forest Preserve	
37	Terre Noire Natural Area .....	1-75
38	Mills Park Natural Area .....	1-48
39	Lorance Creek Natural Area .....	1-42
40	Moro Creek Bottoms Natural Area .....	1-50
41	Moro Big Pine Natural Area-Wildlife .....	1-49
	Management Area	
42	Coffee Prairie Natural Area .....	1-17
43	Warren Prairie Natural Area .....	1-76
44	Cut-off Creek Ravines Natural Area .....	1-23
45	Seven Devils Swamp Natural Area .....	1-65
46	Byrd Lake Natural Area .....	1-10
47	Taylor Woodlands Natural Area .....	1-74
48	Striplin Woods Natural Area .....	1-71
49	Roth Prairie Natural Area .....	1-62
50	Pine City Natural Area .....	1-53

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

<b>Map Location #</b>		<b>Status Page Number</b>
51	Louisiana Purchase Natural Area .....	1-44
52	Konecny Prairie Natural Area .....	1-40
53	Konecny Grove Natural Area .....	1-39
54	Smoke Hole Natural Area .....	1-68
55	Railroad Prairie Natural Area .....	1-58
56	Downs Prairie Natural Area .....	1-26
57	Holland Bottoms Willow Oak Forest Preserve .....	1-35
58	Benson Creek Natural Area .....	1-6
59	Holloway Memorial Natural Area .....	1-36
60	Cache River Natural Area .....	1-11
61	Singer Forest Natural Area .....	1-66
62	Swifton Sand Ponds Natural Area .....	1-73
63	Stateline Sand Ponds Natural Area .....	1-69
64	Chalk Bluff Natural Area .....	1-13
65	Wittsburg Natural Area .....	1-80

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

<b>Map Location #</b>		<b>Status Page Number</b>
35	Arkansas Oak Natural Area	1-1
9	Baker Prairie Natural Area	1-3
5	Bear Hollow Natural Area	1-5
58	Benson Creek Natural Area	1-6
13	Big Creek Natural Area	1-7
24	Big Fork Creek Natural Area	1-9
46	Byrd Lake Natural Area	1-10
60	Cache River Natural Area	1-11
3	Cave Springs Cave Natural Area	1-12
64	Chalk Bluff Natural Area	1-13
15	Cherokee Prairie Natural Area	1-14
2	Chesney Prairie Natural Area	1-16
42	Coffee Prairie Natural Area	1-17
23	Cossatot River State Park-Natural Area	1-18
19	Cove Creek Natural Area	1-21
20	Cow Shoals Riverfront Forest Natural Area	1-22
44	Cut-off Creek Ravines Natural Area	1-23
17	Dardanelle Rock Natural Area	1-24
11	Devil's Knob-Devil's Backbone Natural Area	1-25
56	Downs Prairie Natural Area	1-26
34	Falcon Bottoms Natural Area	1-27
22	Fernwood Seep Natural Area	1-29
25	Gap Creek Natural Area	1-30
1	Garrett Hollow Natural Area	1-31
18	Goose Pond Natural Area	1-32
16	H. E. Flanagan Prairie Natural Area	1-33
12	Hell Creek Natural Area	1-34
57	Holland Bottoms Willow Oak Forest Preserve	1-35
59	Holloway Memorial Natural Area	1-36
21	Iron Mountain Natural Area	1-37
6	Kings River Falls Natural Area	1-38
53	Konecny Grove Natural Area	1-39
52	Konecny Prairie Natural Area	1-40
33	Logoly Natural Area	1-41
39	Lorance Creek Natural Area	1-42
51	Louisiana Purchase Natural Area	1-44
26	Middle Fork Barrens Natural Area	1-45
32	Miller County Sandhills Natural Area	1-46
38	Mills Park Natural Area	1-48
41	Moro Big Pine Natural Area-Wildlife Management Area	1-49
40	Moro Creek Bottoms Natural Area	1-50
31	Nacatoch Ravines Natural Area	1-51
29	Palmetto Flats Natural Area	1-52
50	Pine City Natural Area	1-53
8	Pine Hollow Natural Area	1-55
36	Poison Springs State Forest Sand Barren & Oak-Pine Forest Preserve	1-56
55	Railroad Prairie Natural Area	1-58
14	Rock Creek Natural Area	1-60
49	Roth Prairie Natural Area	1-62

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

<b>Map Location #</b>		<b>Status Page Number</b>
30	Saratoga Blackland Prairie Natural Area .....	1-63
4	Searles Prairie Natural Area .....	1-64
45	Seven Devils Swamp Natural Area .....	1-65
61	Singer Forest Natural Area .....	1-66
10	Slippery Hollow Natural Area .....	1-67
54	Smoke Hole Natural Area .....	1-68
63	Stateline Sand Ponds Natural Area .....	1-69
27	Stone Road Glade Natural Area .....	1-70
48	Striplin Woods Natural Area .....	1-71
7	Sweden Creek Falls Natural Area .....	1-72
62	Swifton Sand Ponds Natural Area .....	1-73
47	Taylor Woodlands Natural Area .....	1-74
37	Terre Noire Natural Area .....	1-75
43	Warren Prairie Natural Area .....	1-76
28	White Cliffs Natural Area .....	1-78
65	Wittsburg Natural Area .....	1-80

## Arkansas Oak Natural Area

**County Name:** Nevada

**Size (in acres):** 200.27

**Latitude:** 33.65872

**Longitude:** -93.16964

### Description:

Arkansas Oak Natural Area, located in the south-central subdivision of the West Gulf Coastal Plain, supports a number of plant species considered to be rare in Arkansas. Four plant associations are present on the site: an open sand barren, a dry upland forest dominated by Arkansas oak, a creek-bottom community along Mill Branch, and a seep community containing an exceptionally diverse flora. The natural area adjoins Poison Springs State Forest and is co-managed with the Arkansas Forestry Commission.

### 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 restore and protect sandhill woodlands, barrens, seeps, and shrub wetlands. The Management Plan was updated and approved by the Commission on 09/17/2008. It will be updated for Fiscal Year 2013.

### Stewardship Activities:

ANHC staff installed a new entrance sign, performed routine stewardship activities, inspected new acquisition tracts for invasive species issues, and reviewed the area for locations to install new parking. Cooperative management activities were also discussed with AFC staff. TNC also conducted plant community monitoring and a prescribed burn. ANHC staff found a new tracked insect for the area. The Management Plan was updated to reflect current status.

**Date of Last Visit:** 7/22/2008

### Status:

Inventory work documented one new tracked insect species. Beaver impoundments have flooded a small area of timber on the natural area. Field assessments noted no other problems.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Aristida desmantha</i>	curly threeawn	Plant
<i>Aristida lanosa</i>	woolly threeawn	Plant
<i>Astragalus leptocarpus</i>	slimpod milkvetch	Plant
<i>Astragalus soxmaniorum</i>	Soxman's milkvetch	Plant
<i>Carex leptalea</i> var. <i>harperi</i>	threadstem caric sedge	Plant
<i>Cyperus grayoides</i>	Mohlenbrock's flatsedge	Plant
<i>Danthonia sericea</i>	downy oatgrass	Plant
<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	Plant
<i>Eriogonum multiflorum</i> var. <i>multiflorum</i>	many-flowered buckwheat	Plant
<i>Penstemon murrayanus</i>	scarlet beard-tongue	Plant
<i>Phacelia strictiflora</i> var. <i>robbinsii</i>	Robbin's scorpionweed	Plant
<i>Pogonomyrmex comanche</i>	Comanche harvester ant	Animal
<i>Polanisia erosa</i> ssp. <i>erosa</i>	clammyweed	Plant
<i>Quercus arkansana</i>	Arkansas oak	Plant
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Riddell's spike-moss	Plant
<i>Smilax walteri</i>	redberry greenbrier	Plant
<i>Streptanthus hyacinthoides</i>	a twistflower	Plant
<i>Stylisma pickeringii</i> var. <i>pattersonii</i>	Patterson's dawnflower	Plant
<i>Tradescantia reverchonii</i>	Reverchon's spiderwort	Plant

**Acquisition Summary:**

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
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:** 36.24194

**Longitude:** -93.1358

### 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 several 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.

### 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 maintain a mosaic of prairie communities and associated ecological diversity buffered from the stresses of nearby development. The Management Plan was updated and approved by the Commission on 10/25/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff contacted a local utility company to discuss their maintenance of a right-of-way easement that bisects the prairie. A contract was issued for vegetation management and other routine stewardship activities such as trash removal. TNC mowed an interpretative trail and also conducted a prescribed burn on 30 acres. ANHC staff conducted post burn monitoring.

**Date of Last Visit:** 7/25/2008

### Status:

Development adjacent to the area continues to impact a portion of the prairie. Field assessments noted no other problems.

### Elements of Special

<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>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex bicknellii</i>	a caric sedge	Plant
<i>Carex gravida</i>	a caric sedge	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>Laphria vorax</i>	A Robberfly	Animal
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	Plant
Ozark Prairie and Woodland		Natural Community
<i>Potentilla arguta</i>	tall cinquefoil	Plant
<i>Silene regia</i>	royal catchfly	Plant
<i>Symphotrichum sericeum</i>	silky aster	Plant
<i>Terrapene ornata ornata</i>	ornate box turtle	Animal
<i>Trillium pusillum var. ozarkanum</i>	Ozark least trillium	Plant
<i>Viola pedatifida</i>	prairie violet	Plant
<i>Zizia aptera</i>	golden Alexanders	Plant

**Acquisition Summary:**

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
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:** 36.25506

**Longitude:** -93.70447

### 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. 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 Madison County Wildlife Management Area and on the east and west by private land.

### 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 Arkansas Game and Fish Commission to protect and maintain biological diversity representative of the Ozark Mountains. The Management Plan was updated and approved by the Commission on 05/18/06. It will be updated for Fiscal Year 2010.

### Stewardship Activities:

ANHC continued the ongoing cooperative with the ONSC that included parking lot and boundary maintenance, and trash removal. The need for the use of prescribed fire was discussed with AFC and AGFC staff.

**Date of Last Visit:** 7/28/2008

### Status:

The area continues to be utilized by large numbers of students from across northwestern Arkansas. Field assessments noted no problems.

### Elements of Special

<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 mesochorea</i>	a caric sedge	Plant
<i>Carex sparganioides</i>	a caric sedge	Plant
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	Plant
<i>Symphotrichum sericeum</i>	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>
Bear Hollow 1	Fee title	\$0.00	\$0.00	9/12/1991	Gift

## Benson Creek Natural Area

**County Name:** Monroe      **Size (in acres):** 1021.79      **Latitude:** 34.93563      **Longitude:** -91.24445

### 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 and the Natural Heritage Commission hold undivided interests in this property.

### 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 restore and protect biological diversity representative of bottomland hardwood forest communities by maintaining natural ecosystem processes while emphasizing management consistent with recovery of Ivory-billed Woodpecker. The Management Plan was updated and approved by the Commission on 10/25/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff continued planning meetings related to the re-discovery of IBW. Staff also performed routine grounds maintenance activities such as posting boundaries and assessing invasive species on newly acquired tracts. ANHC and TNC staff began discussions on cane management on portions of the natural area where intensive management is appropriate.

**Date of Last Visit:** 7/20/2008

### Status:

A new acquisition provides additional buffer for the bayou and protective cover for the Ivory-billed Woodpecker (IBW). Habitat for the IBW on the natural area continues to improve as a result of management activities.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex davisii</i>	Davis' caric sedge	Plant
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>
Benson Creek 1 (Trice)	NHC has a 45% undivided interest, and TNC has a 55% undivided interest	\$61,155.00	\$35,000.00	7/8/1993	Natural and Cultural Resources Council
Benson Creek 2 (TNC-1)	Fee title	\$204,260.00	\$178,274.25	8/7/2006	Natural and Cultural Resources Council
Benson Creek 2 (TNC-2)	Fee title	\$70,739.20	\$61,740.00	9/26/2007	Natural and Cultural Resources Council
Benson Creek 3 (TNC)	Fee title	\$592,700.00	\$444,602.00	8/4/2008	U.S. Fish and Wildlife Service Grant, Gift

## Big Creek Natural Area

**County Name:** Cleburne

**Size (in acres):** 1507.676

**Latitude:** 35.50611

**Longitude:** -91.84308

### Description:

Big Creek Natural Area, located near the northeastern limit of the Arkansas River 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 a mosaic of aquatic and terrestrial communities and the diversity of species they support, characteristic of an eastern Arkansas Valley stream system. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

A 40-acre natural gas lease was executed that included a no surface disturbance provision. Natural gas exploration and extraction activities on lands adjacent to the north boundary of the natural area were monitored and no adverse impacts were noted. An unexpected benefit of this activity was the improvement of the timber road that provides access to the natural area by the installation of culverts and road base topped with gravel. ANHC staff conducted routine grounds and trail maintenance activities that included maintaining the water bars to control erosion and repairing the cable fences installed to limit the use off-road vehicles on the natural area. New interpretive panels and trail signs are being developed as part of a cooperative project with AGFC's "Watchable Wildlife" program.

**Date of Last Visit:** 8/25/2008

### Status:

Water bars along trail have controlled erosion. ATV encroachment on the area has been reduced. A gas well developed on adjacent property resulted in road improvements to the natural area.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	Plant
Central Interior Highlands & Appalach.Sinkhole & Depres.Pond		Natural Community
<i>Deschampsia flexuosa</i>	crinkled hairgrass	Plant
<i>Dulichium arundinaceum var. 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>Philadelphus hirsutus</i>	mock orange	Plant
<i>Podostemum ceratophyllum</i>	riverweed	Plant
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	Animal
<i>Sedum ternatum</i>	woodland stonecrop	Plant
<i>Silene ovata</i>	ovate-leaved catchfly	Plant
<i>Toxolasma lividus</i>	purple lilliput	Animal
<i>Villosa iris</i>	rainbow	Animal

**Acquisition Summary:**

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
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 tract containing an abundance of wildflowers and ferns, a free-flowing spring, and a small section of Big Fork Creek. The bluff and terrace near the spring support an excellent and very fragile plant community.

### 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. Park on the north side of the county road.

### Management Plan:

The conservation vision is to protect and maintain plant and animal communities associated with an Ouachita Mountain upland hardwood-pine forest and associated springs and seeps. The Management Plan was updated and approved by the Commission on 09/17/2008. It will be updated for Fiscal Year 2013.

### Stewardship Activities:

ANHC staff performed stewardship activities that included trash removal and public use monitoring. Invasive plant species control efforts continued, including the removal of additional mimosa trees. The Management Plan was updated to reflect current status.

**Date of Last Visit:** 7/25/2008

### Status:

The area continues to be utilized by the public, including students from surrounding schools. Invasive plants have been reduced.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Cardamine angustata</i>	slender toothwort	Plant
<i>Carex laevivaginata</i>	a caric 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 redback salamander	Animal
<i>Scirpus polyphyllus</i>	leafy bulrush	Plant
<i>Solidago ouachitensis</i>	Ouachita Mountain 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

## Byrd Lake Natural Area

**County Name:** Jefferson

**Size (in acres):** 144

**Latitude:** 34.17988

**Longitude:** -92.00057

### 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 West Gulf Coastal Plain and the Mississippi Alluvial Plain. Bald cypress trees surround the lake, while adjoining lands support plant communities that respond to fluctuating water levels and rich alluvial soils. The higher slopes of the north bank 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 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 restore a mosaic of aquatic and terrestrial communities characteristic of the transition between the Mississippi Alluvial Plain and West Gulf Coastal Plain. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff conducted grounds maintenance activities that included installing a new entrance sign and reopening a spur trail. ANHC staff also continued intensive invasive plant species control measures in fulfillment of a grant for invasive species control on forested natural areas. Volunteers performed occasional trash removal along the sides of the road. ANHC staff conducted an invasive species treatment tour for AFC and USFS staff to showcase recent invasive species removal efforts that were funded in part by the USFS.

**Date of Last Visit:** 8/6/2008

### Status:

Invasive plants were substantially reduced. On-site monitoring documented the success of management practices for invasive species. A new entrance sign was erected. Excessive algae production and oxygen depletion are degrading the lake's water quality.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Habenaria repens</i>	water-spider orchid	Plant
<i>Notropis maculatus</i>	taillight shiner	Animal
<i>Pteronotropis hubbsi</i>	bluehead 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:** 35.14961      **Longitude:** -91.28907

### Description:

Cache River Natural Area consists mainly of a forested wetland complex along the Cache River of 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.

### 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 Arkansas Game and Fish Commission to protect and maintain a river swamp and bottomland hardwood forest representative of those once common in the Mississippi Alluvial Plain. The Management Plan was updated and approved by the Commission on 05/18/06. It will be updated for Fiscal Year 2010.

### Stewardship Activities:

ANHC staff conducted routine stewardship activities and AGFC continued daily management of the area.

**Date of Last Visit:** 10/18/2007

### Status:

Field assessments by AGFC staff noted no problems.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<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 lividus</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 (AGFC 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. It has also harbored a summer maternity colony of gray bats. Rare plant species also occur on site including the Ozark trillium.

### 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 northeast corner of the natural area. Park along roadside.

### Management Plan:

The conservation vision is to maintain viable populations of target species (Ozark cavefish and gray bats) and, as appropriate, other native plants and animals occurring within the site's natural communities. The Management Plan was updated and approved by the Commission on 05/18/06. It will be updated for Fiscal Year 2010.

### Stewardship Activities:

Routine stewardship activities included removing trash and monitoring cave gates for unauthorized access. ANHC staff, TNC staff, and a Boy Scout troop from Fayetteville continued to reduce climbing wintercreeper vines. AGFC staff conducted a survey for gray bats and reported over 5,000 individuals present. ANHC staff monitored the natural area for impacts from adjacent property developments within the secondary recharge zone, and noted no immediate adverse effects. ANHC staff also began planning with a local running club for the installation of a non-improved running path along the easement area.

**Date of Last Visit:** 8/25/2008

### Status:

Invasive plant species continued to be removed by hand to protect Ozark trillium plants. On-site monitoring documented the success of continued management practices in controlling targeted invasive species. Field assessments noted no problems.

### Elements of Special

<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
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	Plant
Cave Stream		Natural Community
<i>Myotis grisescens</i>	gray myotis	Animal
<i>Orconectes meeki brevis</i>	a crayfish	Animal
<i>Stygobromus ozarkensis</i>	Ozark Cave Amphipod	Animal
<i>Trillium pusillum var. ozarkanum</i>	Ozark least 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)	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 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. At Chalk Bluff these ravines contain a few beech trees and are characterized by extensive stands of pawpaw and Christmas fern. An upland oak-hickory forest clothes most of the remainder of the area. Clay County holds a long-term lease on this natural area for development and operation of public-use facilities on a part of it.

**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 preserve the biological diversity, communities, and rugged topography characteristic of Crowley's Ridge. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

**Stewardship Activities:**

ANHC staff performed periodic invasive species control, trash removal, and trail maintenance. Clay County staff conducted regular maintenance of the area.

**Date of Last Visit:** 9/17/2008

**Status:**

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

**Elements of Special**

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
Mississippi River Alluvial Plain Dry-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>
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:** 35.33579

**Longitude:** -94.03882

### Description:

Cherokee Prairie Natural Area represents one of the largest remaining tracts of tallgrass prairie in the Arkansas River 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 River 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 hosts several 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 restore and protect biological diversity representative of tallgrass prairies of the western Arkansas River Valley by maintaining natural ecosystem processes. The Management Plan was updated and approved by the Commission on 10/25/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

Routine stewardship activities included installing a new entrance sign, treating invasive species, removing roadside trash, and maintaining the parking area. ANHC staff met with a contractor who started haying the wrong tract on the area, and stopped the work after only a small area was disturbed. Staff also conducted a plant inventory and prairie surveys, including a box turtle and butterfly survey. TNC conducted a prescribed burn on 100 acres and ANHC staff followed up with post burn monitoring.

**Date of Last Visit:** 8/21/2008

### Status:

The presence of the ornate box turtle and additional subpopulations of the arogos skipper butterfly were reconfirmed. Inventory work documented four new tracked plant species. Haying reduced woody vegetation. Field assessments noted no problems.

### Elements of Special

<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>Atrytone arogos</i>	Arogos Skipper	Animal
<i>Bombus fervidus</i>	golden northern bumblebee	Animal
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex opaca</i>	a caric 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>	shortleaf skeletongrass	Plant
<i>Laphria vorax</i>	A Robberfly	Animal
<i>Lithospermum incisum</i>	fringed puccoon	Plant
<i>Nicrophorus americanus</i>	American Burying Beetle	Animal
<i>Rhynchospora macrostachya</i>	a beakrush	Plant
<i>Rosa foliolosa</i>	white prairie rose	Plant
<i>Scleria muehlenbergii</i>	Muhlenberg's nutsedge	Plant
<i>Terrapene ornata ornata</i>	ornate box turtle	Animal

**Acquisition Summary:**

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
Cherokee Prairie 1 (C-Bar)	Fee title	\$224,000.00	\$220,000.00	7/12/1983	State General Improvement Fund, Land and Water Conservation Fund
Cherokee Prairie 2	Fee title	\$144,000.00	\$112,647.50	5/15/1986	State General Improvement Fund, Land and Water Conservation Fund
Cherokee Prairie 3	Fee title	\$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 the few tallgrass prairie remnants left on the Arkansas portion of the Springfield Plateau. Much of its flora and fauna is representative of the once extensive upland prairies and savannas of the western Ozark Mountains. Sagar 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 restore and protect the biological diversity representative of tallgrass prairies and savannas on the Springfield Plateau of the western Ozark Mountains. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff contacted a local utility company to discuss their maintenance of a right-of-way easement that now bisects the prairie. A contracted land steward lead field trips and species surveys, removed interior fencing, built a fence on a new acquisition, mapped and monitored plant community transects, assisted with the restoration of cropland, and aggressively treated invasive species. ANHC staff performed routine stewardship activities, regularly checked the gate, and monitored the recent prairie restoration.

**Date of Last Visit:** 8/15/2008

### Status:

The transplanted native prairie sod is thriving. A new acquisition protects additional tallgrass prairie habitat. Public use and media attention increased. A three-mile trail was developed to minimize the impact of public use.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Amorpha canescens</i>	leadplant	Plant
<i>Antennaria neglecta</i>	field pussytoes	Plant
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex conjuncta</i>	a caric sedge	Plant
<i>Carex davisii</i>	Davis' caric sedge	Plant
<i>Carex opaca</i>	a caric sedge	Plant
<i>Carex scoparia</i> var. <i>scoparia</i>	a caric 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>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	Plant
Ozark Prairie and Woodland		Natural Community
<i>Scleria muehlenbergii</i>	Muhlenberg's nutsedge	Plant
<i>Solidago ptarmicoides</i>	white-flowered 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>
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:** 33.05652

**Longitude:** -92.06584

### Description:

Coffee Prairie Natural Area, located in the West Gulf Coastal Plain, preserves some of the last remaining examples of a type of grassland called "lowland sand prairie." This type of prairie is known to occur only in extreme southern Arkansas and northern Louisiana in the bottomlands of the Ouachita River and is unlike any other prairie in Arkansas in species composition, soils, and hydrology. The natural area also supports the only known population of the federally endangered pondberry in the West Gulf Coastal Plain of Arkansas. Coffee Prairie falls within the Beryl Anthony/Lower Ouachita Wildlife Management Area and is co-managed with the Arkansas Game and Fish Commission.

### 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.

### Management Plan:

The conservation vision is to work in conjunction with the Arkansas Game and Fish Commission to maintain ecosystem processes that support a unique lowland sand prairie community and an isolated population of the federally endangered pondberry. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC conducted stewardship activities such as boundary maintenance and noted the need for a prescribed burn. AGFC staff conducted periodic monitoring of the area.

**Date of Last Visit:** 6/12/2008

### Status:

ANHC field staff noted no problems.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex glaucescens</i>	a caric sedge	Plant
<i>Coelorachis rugosa</i>	wrinkled jointgrass	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 (AGFC 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:** 34.37438

**Longitude:** -94.23652

### Description:

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

### 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 Arkansas State Parks to preserve the biological diversity and mosaic structure of unique communities found within an upland Ouachita Mountain stream. The Management Plan was updated and approved by the Commission on 05/21/08. It will be updated for Fiscal Year 2012.

### Stewardship Activities:

ASP staff conducted routine stewardship activities, such as campsite installation, trash removal and trail maintenance. ANHC staff inspected sites that ASP had selected for development of a staff residence, an amphitheater and a playground. The proposed developments were in previously disturbed areas with no documented sensitive species. The cooperative Long Range Development Plan from both agencies was updated to reflect the new developments.

**Date of Last Visit:** 4/25/2008

### Status:

Monitoring by Ouachita Baptist University verified high water quality. Inventory work documented one new tracked plant species. Construction began on additional park facilities.

### 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>	a ground plum	Plant
<i>Calamovilfa arcuata</i>	Cumberland sandreed	Plant
<i>Carex gracilescens</i>	a caric sedge	Plant
<i>Carex latebracteata</i>	Waterfall's sedge	Plant
<i>Carex stricta</i>	tussock sedge	Plant
<i>Carex timida</i>	a caric sedge	Plant
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	Plant
<i>Deschampsia flexuosa</i>	crinkled hairgrass	Plant
<i>Erythronium mesochoreum</i>	prairie trout lily	Plant
<i>Euphorbia tetrapora</i>	weak spurge	Plant
<i>Gomphus ozarkensis</i>	Ozark Clubtail Dragonfly	Animal
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	Plant
<i>Hedyotis ouachitana</i>	Ouachita bluets	Plant
<i>Hydrophyllum brownei</i>	Browne's waterleaf	Plant

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Ilex decidua var. longipes</i>	Georgia holly	Plant
<i>Liatris compacta</i>	Ouachita blazing star	Plant
<i>Lucanus elephus</i>	Giant Stag Beetle	Animal
<i>Luzula acuminata var. caroliniae</i>	hairy wood rush	Plant
<i>Lythrurus snelsoni</i>	Ouachita shiner	Animal
<i>Parnassia grandifolia</i>	large-leaved grass-of-Parnassus	Plant
<i>Pentacora ouachita</i>	Ouachita Shore Bug	Animal
<i>Percina pantherina</i>	leopard darter	Animal
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	Animal
<i>Podostemum ceratophyllum</i>	riverweed	Plant
<i>Rhynchospora caduca</i>	falling beakrush	Plant
<i>Ribes curvatum</i>	granite gooseberry	Plant
<i>Sanicula smallii</i>	black snakeroot	Plant
<i>Sedum ternatum</i>	woodland stonecrop	Plant
<i>Stachys eplingii</i>	Epling's hedgenettle	Plant
<i>Streptanthus maculatus ssp. obtusifolius</i>	Arkansas twistflower	Plant
<i>Streptanthus squamiformis</i>	a twistflower	Plant
<i>Valerianella palmeri</i>	Palmer's cornsalad	Plant
<i>Vernonia lettermannii</i>	Letterman's ironweed	Plant
<i>Xyris difformis var. difformis</i>	a yellow-eyed grass	Plant

**Acquisition Summary:**

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

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
Cossatot River 8 (TNC)	Conservation easement (fee title transferred to ASP in 2005)	\$250,129.00	\$250,000.00	6/26/1990	Natural and Cultural Resources Council
Cossatot River 9 (TNC)	Conservation easement (fee title transferred to ASP in 2005)	\$258,970.00	\$250,000.00	10/24/1990	Natural and Cultural Resources Council
Cossatot River 10 (TNC)	Conservation easement (fee title transferred to ASP in 2005)	\$250,040.00	\$250,000.00	1/18/1991	Natural and Cultural Resources Council
Cossatot River 11 (TNC)	Conservation easement (fee title transferred to ASP in 2005)	\$250,040.00	\$250,000.00	4/18/1991	Natural and Cultural Resources Council
Cossatot River 12 (TNC)	Conservation easement (fee title transferred to ASP in 2005)	\$250,040.00	\$250,000.00	7/8/1991	Natural and Cultural Resources Council
Cossatot River 13 (TNC)	Conservation easement (fee title transferred to ASP in 2005)	\$250,040.00	\$250,000.00	9/4/1991	Natural and Cultural Resources Council
Cossatot River 14 (TNC)	Conservation easement (fee title transferred to ASP 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 ASP 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 ASP 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 River 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 gorge. A small area of creek bottom forest borders the watercourse at the lower end of the tract. An extensive cedar glade covers about 100-acres on the west side of the creek above the bluffs.

### Access:

Take State Highway 25 out of Conway and travel to Wooster. At Wooster take State Highway 285 north approximately 6.22 miles to intersection with Mallettown Road. Turn left (west) onto Mallettown Road and travel approximately 1.5 miles. Turn Right (north) onto Mallettown Circle Road. Go approximately 0.38 mile to JD Road and turn right (east). An access road and parking area are under construction and should be available by early 2009.

### Management Plan:

The conservation vision is to protect and maintain a mosaic of aquatic and terrestrial communities characteristic of the Arkansas River Valley. The Management Plan was updated and approved by the Commission on 05/18/06. It will be updated for Fiscal Year 2010.

### Stewardship Activities:

ANHC staff, along with staff from the Attorney's General Office and Conway County Judge Jimmy Hart, secured public access to the natural area which ended a long standing public access issue here. ANHC staff also monitored development of adjacent lands and noted no adverse impacts to the natural area.

**Date of Last Visit:** 9/17/2008

### Status:

An easement was acquired to address ongoing access issues. Field assessments noted no problems.

### 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>Heuchera villosa var. arkansana</i>	Arkansas alumroot	Plant
<i>Podostemum ceratophyllum</i>	riverweed	Plant
<i>Potentilla arguta</i>	tall cinquefoil	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:** 35.51471      **Longitude:** -91.9304

### Description:

Cow Shoals Riverfront Forest Natural Area, located in the Arkansas River 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 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 Arkansas Game and Fish Commission to maintain a high quality successional riverfront forest representative of the Little Red River basin. The Management Plan was updated and approved by the Commission on 09/17/2008. It will be updated for Fiscal Year 2013.

### Stewardship Activities:

AGFC staff continued to perform stewardship activities, including monitoring of the public use area. ANHC staff periodically inspected the area and removed trash. The Management Plan was updated to reflect current status.

**Date of Last Visit:** 8/4/2008

### Status:

Active public use continues. 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>	a caric 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 (AGFC 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:** 33.41055

**Longitude:** -91.56587

### Description:

Cut-off Creek Ravines Natural Area, located in the West Gulf Coastal Plain, contains two ravines that flow generally eastward from uplands to the adjacent bottomlands along Cut-off Creek. The ravines are forested with pine-oak forest at their heads and a mixed oak and beech forest near their mouths. The bottomland into which the ravines emerge 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.

### 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 Arkansas Game and Fish Commission to maintain the biological diversity of various forest types characteristic of the West Gulf Coastal Plain and the transition zone to Mississippi Alluvial Plain. The Management Plan was updated and approved by the Commission on 05/18/06. It will be updated for Fiscal Year 2010.

### Stewardship Activities:

ANHC staff treated invasive species with herbicides and AGFC continued routine grounds maintenance on the area. A planned prescribed burn was postponed at the request of AGFC staff.

**Date of Last Visit:** 5/5/2008

### Status:

Field assessments noted a continued need for prescribed fire. No other problems were noted.

### 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 (AGFC holds fee title)	\$16,036.54	\$16,036.54	7/26/1990	Natural and Cultural Resources Council
Cut-off Creek 2	Conservation easement (AGFC holds fee title)	\$14,919.99	\$14,919.99	1/9/1991	Natural and Cultural Resources Council
Cut-off Creek 3	Conservation easement (AGFC 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, located in the Arkansas River Valley, is an exposure of Hartshorne sandstone that was folded into a synclinal 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 natural area sign.

### Management Plan:

The conservation vision is the protection of the scenic and geologic values of this natural and historic landmark. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff monitored the area for public use, conducted routine grounds maintenance activities, controlled invasive species, and installed a new entrance sign.

**Date of Last Visit:** 9/15/2008

### Status:

Active public use continues. Regular site visits reduced litter but found continued graffiti problems. Invasive plants species were reduced.

### 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 Knob-Devil's Backbone Natural Area

**County Name:** Izard

**Size (in acres):** 519.09

**Latitude:** 36.00379

**Longitude:** -92.04608

### Description:

Located in the Ozark Mountains, the Devil's Knob site is a limestone-dolomite-sandstone glade occurring about ten miles southwest of Melbourne. Local topography consists of an uplift mountain with two knolls joined by a saddle known as Devil's Backbone. The vegetation of the natural area is generally of two types: upland hardwood and a cedar glade restricted to limestone-dolomite outcrops. Two uncommon plant species occur around the glade, Ashe's juniper and silky aster. Many of the Ashe's juniper are very old, 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 biological diversity of glade openings and upland hardwood forests characteristic of the Ozark Mountains. The Management Plan was updated and approved by the Commission on 05/18/06. It will be updated for Fiscal Year 2010.

### Stewardship Activities:

ANHC staff removed a permanent deer stand and a fire ring, surveyed the area for tornado damage, and monitored a new road installed along the northern boundary for possible impacts to the natural area. Monitoring also continued for ATV access and cattle encroachment. Minor cattle encroachment was addressed by working with an adjacent landowner to repair a fence. Another fence was also repaired after ATV damage. TNC conducted plant community monitoring and maintained fire lines.

**Date of Last Visit:** 8/19/2008

### Status:

Cattle encroachment was reduced. 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>Brickellia grandiflora</i>	tassel flower	Plant
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	Plant
Central Interior Highlands Calcareous Glade and Barrens		Natural Community
Central Interior Highlands Dry Acidic Glade and Barrens		Natural Community
<i>Juniperus ashei</i>	Ashe's juniper	Plant
<i>Leavenworthia uniflora</i>	glade cress	Plant
<i>Penstemon cobaea</i>	showy beard-tongue	Plant
<i>Symphotrichum sericeum</i>	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>
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

## Downs Prairie Natural Area

**County Name:** Prairie

**Size (in acres):** 24

**Latitude:** 34.78149

**Longitude:** -91.49598

### Description:

Down's Prairie Natural Area is one of the few remnants of tallgrass prairie left on the Grand Prairie of eastern Arkansas (Mississippi Alluvial Plain). The natural area contains a diverse assemblage of wildflowers including Indian paintbrush, narrow-leaved sunflower, and white wild indigo. The area also hosts 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, approximately 320,000 acres of tallgrass prairie occurred across the Grand Prairie region. Today, less than 1% 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 maintain the ecological characteristics associated with a tallgrass prairie remnant in the Grand Prairie of eastern Arkansas. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff conducted routine grounds maintenance and invasive plant removal activities. Two new entrance signs were installed and an old sign removed. ANHC staff conducted a prescribed burn on the restoration area. ANHC staff held a quality circle fieldtrip and conducted plant inventories and an insect survey.

**Date of Last Visit:** 9/26/2008

### Status:

Restoration efforts continue on the abandoned railroad right-of-way. Inventory work documented one new tracked plant species and added many new species to the overall 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>Asclepias obovata</i>	savannah milkweed	Plant
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex opaca</i>	a caric sedge	Plant
<i>Eleocharis wolfii</i>	Wolf's spike rush	Plant
<i>Gryllotalpa major</i>	Prairie Mole Cricket	Animal
<i>Gymnopogon brevifolius</i>	shortleaf skeletongrass	Plant
Lower Mississippi Alluvial Plain Grand Prairie		Natural Community
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening primrose	Plant
<i>Solidago juncea</i>	early 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):** 2,787.815      **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 West Gulf Coastal Plain. Bayou Dorcheat, which flows through the natural area, is considered to be one of the most intact and important 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 quality. Most of the natural area is occupied by a bottomland forest community dominated by willow oak and overcup oak in seasonally flooded areas and bald cypress in wetter areas. High knolls support a lowland pine-oak forest community. The U.S. Fish and Wildlife Service holds a conservation easement on the area as a result of a 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 work to maintain the integrity of Bayou Dorcheat as an intact watershed in the West Gulf Coastal Plain and to protect the associated diverse natural communities. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff conducted grounds maintenance, removed invasive plant species, and posted the boundaries of a new acquisition. An on site contractor removed five beaver, breached the associated dams, and removed 52 feral hogs from the natural area. The contractor also removed deer stands, blocked unauthorized vehicle activity and worked with AGFC to address poaching on the area. Staff also reviewed a plant community monitoring report submitted by TNC.

**Date of Last Visit:** 8/12/2008

### Status:

Invasive animal and plant species were substantially reduced.

### Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
Colonial nesting site, water birds		Other
Cypress-tupelo swamp		Natural Community
<i>Hypoxis curtissii</i>	Curtis' stargrass	Plant
<i>Nyssa biflora</i>	swamp black gum	Plant
<i>Platanthera flava var. flava</i>	southern tubercled-orchid	Plant
<i>Rhynchospora caduca</i>	falling beakrush	Plant
<i>Sebastiania fruticosa</i>	Sebastian-bush	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

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
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	7/2/2002	Willamette Settlement Fund
Falcon 13 (Anthony Forest Products)	Fee title	\$495,000.00	\$494,000.00	5/2/2002	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



## 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 rapidly disappearing from the southeastern Ouachita Mountains and this site is the only example protected by the Arkansas Natural Heritage Commission.

### 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 a Ouachita Mountain wooded acid seep, spring fed stream, and upland pine-hardwood forest. The Management Plan was updated and approved by the Commission on 09/17/2008. It will be updated for Fiscal Year 2013.

### Stewardship Activities:

ANHC staff performed grounds maintenance activities such as boundary maintenance and removal of roadside trash. The Management Plan was updated to reflect current status.

**Date of Last Visit:** 6/10/2008

### Status:

Field assessments noted no problems.

### Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Hemidactylium scutatum</i>	four-toed salamander	Animal
<i>Solidago delicatula</i>	a 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>
Tract 1	Fee title	\$8,700.00	\$0.00	10/7/2002	Gift

## 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 high water quality of Gap Creek, the riparian plant and animal communities along it, and an example of the Ouachita Mountain upland pine-hardwood forest that comprises much of its watershed. The Management Plan was updated and approved by the Commission on 10/25/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff performed routine stewardship activities which included boundary maintenance and monitoring development on adjacent tracts of land.

**Date of Last Visit:** 4/17/2008

### Status:

Field assessments noted no problems.

### Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	Plant
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	Plant
<i>Etheostoma pallididorsum</i>	paleback darter	Animal
<i>Hedyotis ouachitana</i>	Ouachita bluets	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):** 664.678      **Latitude:** 35.78561      **Longitude:** -94.41067

### Description:

Garrett Hollow is located at the northern edge of the Boston Mountains in the Ozark Highlands ecoregion. 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 maintain appropriate maternity, hibernaculum, and foraging habitat for Ozark big-eared bat populations and diversity of aquatic and terrestrial communities typical of the Boston Mountains. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff conducted routine stewardship activities such as the maintenance of gates and fences installed to deter impacts from increasing ATV use.

**Date of Last Visit:** 8/22/2007

### Status:

ATV use on natural area has been reduced. Field assessments noted no problems.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	Animals

### 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

## Goose Pond Natural Area

**County Name:** Pope, Conway    **Size (in acres):** 391.89    **Latitude:** 35.26312    **Longitude:** -92.85361

**Description:**

Goose Pond Natural Area, located in the Arkansas River 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.

**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 Arkansas Game and Fish Commission to maintain a mosaic of plant communities in a bald cypress dominated back-swamp of the Arkansas River Valley. The Management Plan was updated and approved by the Commission on 02/15/06. It will be updated for Fiscal Year 2010.

**Stewardship Activities:**

ANHC staff inspected the area following a severe storm. Cooperative stewardship efforts with AGFC staff continued, including trash removal, boundary maintenance, and invasive plant species control.

**Date of Last Visit:** 9/1/2008

**Status:**

AGFC staff on-site reported no problems.

**Elements of Special**

<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 (AGFC 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):** 265.55

**Latitude:** 35.35986

**Longitude:** -93.99833

### Description:

H.E. Flanagan Prairie Natural Area is an excellent example of the tallgrass prairie that once occurred across this part of the Arkansas River 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, comprise the few remnants of the once more extensive Cherokee Prairies that formerly occupied approximately 135,000-acres of the western portion of the Arkansas River Valley. H.E. Flanagan Prairie and Cherokee Prairie are different from prairies elsewhere in Arkansas as their soils are derived from shale.

### 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 restore and protect the biodiversity characteristic of tallgrass prairies in the Arkansas River Valley by maintaining natural ecosystem processes. The Management Plan was updated and approved by the Commission on 10/25/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

Routine stewardship activities included removing trash, and maintaining the boundaries and parking area. ANHC staff worked with a neighbor to install a small culvert in a shared access road to keep the road from washing out. A contractor removed 416 bales of hay from the prairie according to a vegetation management agreement. TNC conducted a prescribed burn on 40 acres and ANHC staff followed up with post burn monitoring. A plant inventory and a box turtle survey were conducted.

**Date of Last Visit:** 8/21/2008

### Status:

Inventory work documented one new tracked insect species and two new tracked plant species. Haying reduced woody vegetation. Field assessments noted no problems.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Ammodramus henslowii</i>	Henslow's Sparrow	Animal
Arkansas Valley Prairie and Woodland		Natural Community
<i>Atrytone arogos</i>	Arogos Skipper	Animal
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex opaca</i>	a caric sedge	Plant
<i>Eleocharis wolfii</i>	Wolf's spike rush	Plant
<i>Gryllotalpa major</i>	Prairie Mole Cricket	Animal
<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>Rhynchospora macrostachya</i>	a beakrush	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:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
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

## Hell Creek Natural Area

**County Name:** Stone

**Size (in acres):** 211.3782

**Latitude:** 35.90699

**Longitude:** -92.07728

### Description:

Located on the Salem Plateau of the Ozark Mountains, Hell Creek Natural Area hosts the only known population of the albinistic cave crayfish. 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.

### 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 maintain viable populations of the target species of albinistic cave crayfish, and as appropriate, other native plants and animals occurring within this "solution channel" cave on the Salem Plateau of the Ozark Mountains. The Management Plan was updated and approved by the Commission on 05/18/06. It will be updated for Fiscal Year 2010.

### Stewardship Activities:

ANHC staff conducted grounds maintenance activities, repainted the entrance sign, repaired fencing, and cleared fallen trees from the access road. Residential development adjacent to the natural area was also monitored.

**Date of Last Visit:** 8/18/2008

### Status:

Field assessments noted no problems.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Arnoglossum reniforme</i>	great Indian plantain	Plant
<i>Brickellia grandiflora</i>	tassel flower	Plant
<i>Cambarus zophonastes</i>	a 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 lucifugus</i>	little brown 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 (TNC)	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:** 34.89671      **Longitude:** -92.06797

### 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. A bottomland hardwood forest containing mature stands of willow oak, mixed with various other bottomland hardwood species, largely characterize the natural area. Only 25% of the bottomland hardwood forests that formerly 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.

### 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 Arkansas Game and Fish Commission to protect and maintain a willow oak bottomland hardwood forest representative of the Mississippi Alluvial Plain. The Management Plan was updated and approved by the Commission on 10/25/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff verified that AGFC conducted routine grounds maintenance activities. Planning and coordination of a cooperative prescribed burn with AGFC staff continues.

**Date of Last Visit:** 8/11/2008

### Status:

Field assessments noted no problems.

### Elements of Special

<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 (AGFC 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 forests that occurred along terraces of the Grand Prairie of eastern Arkansas (Mississippi Alluvial Plain). These flatwoods forests typically varied with topography and underlying soils and included both bottomland and upland hardwood tree species. Prairie mounds are also scattered throughout the area, suggesting that the area 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 a flatwoods forest characteristic of the Grand Prairie terraces of the eastern Arkansas Mississippi Alluvial Plain. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff continued stewardship activities such as maintenance of the parking and picnic area. Trail maintenance required intensive work to remove limbs and trees that had fallen across the trail as a result of severe thunderstorms in the area.

**Date of Last Visit:** 7/1/2008

### Status:

Public use facilities were improved. Field assessments noted no problems.

### Elements of Special

<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:** 34.52935                      **Longitude:** -94.34143

**Description:**

Iron Mountain Natural Area is located within the Fourche Mountain subdivision of the Ouachita Mountains. The area is bisected by Paul Branch, a small, intermittent stream which defines the valley between 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.

**Management Plan:**

The conservation vision is to protect and maintain a Ouachita Mountains upland pine-hardwood forest, an intermittent stream, and its watershed. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

**Stewardship Activities:**

ANHC staff conducted maintenance on the parking area and trail. Invasive plant species were removed. TNC installed fire lines by hand to minimize ground disturbance.

**Date of Last Visit:** 4/30/2008

**Status:**

New signage was added to direct public users to the parking area. Invasive plant species were removed. Field assessments noted no problems.

**Elements of Special**

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Plethodon serratus</i>	southern redback salamander	Animal
<i>Pycnanthemum virginianum</i>	Virginia mountain mint	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>
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):** 682.797

**Latitude:** 35.90108

**Longitude:** -93.57539

### Description:

Kings River Falls Natural Area is located at the interface of the Springfield Plateau and Boston Mountains subdivisions of the Ozark Mountains. The natural area includes Kings River with Kings River Falls being a focal point. Kings River is a clear mountain stream originating east of Boston in Newton 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 pine-hardwood forest covers slopes on the east side of the natural area. On the west side, steeper slopes are covered almost entirely with hardwood species. Rock walls, bluff shelters, and rocky slopes characterize most of the western half of the tract. 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 along side of County Road 3500. Follow footpath trail to natural area.

### Management Plan:

The conservation vision is to preserve a local natural landmark of scenic and historical interest and to protect a portion of the Kings River watershed and the associated plant and animal communities. The Management Plan was updated and approved by the Commission on 10/25/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff performed routine stewardship activities that included trash removal and monitoring the bluff shelters for illegal artifact poaching and found none. ANHC staff also worked with a new neighbor to begin installation of a new trailhead and public parking area on a recent land acquisition.

**Date of Last Visit:** 9/30/2008

### Status:

Two new acquisitions provide additional protection for the headwaters of Kings River. A new parking area and trailhead is being developed. Active public use continues.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex mesochorea</i>	a caric sedge	Plant
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	Plant
<i>Osmorhiza claytonii</i>	Clayton's sweet cicely	Plant
<i>Sedum ternatum</i>	woodland stonecrop	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 4 (BVF)	fee title	\$66,600.00	\$0.00	6/27/2008	Gift

## 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 slash woodland that once occurred across certain parts of the Grand Prairie of eastern Arkansas (Mississippi Alluvial Plain). Slash represented a transitional habitat from prairie to bottomland hardwood forest. Today, less than 3% of this habitat type remains in the Grand Prairie. Persimmon, green ash, and honey locust trees dominate Konecny Grove with hawthorns dispersed along its boundaries. A four-acre seasonal herbaceous wetland exists in the northern portion of the natural area. 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 maintain the integrity of a remnant prairie slash community within the Grand Prairie of eastern Arkansas, and the only known population of Stern's medlar. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff continued monitoring the condition of the Sterns' Medlar (*Crataegus x canescens*) population and noted flowering but no fruit set. Staff also performed routine stewardship activities and conducted intensive invasive plant species removal.

**Date of Last Visit:** 8/15/2008

### Status:

Invasive plant species were reduced. On-site monitoring documented the success of continued management practices in controlling targeted invasive species. Field assessments noted no problems.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex opaca</i>	a caric 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	2/15/1979	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, blazing star, American aloe, and black-eyed susan being common. Prior to settlement, the Grand Prairie ecosystem covered approximately 900,000-acres, with 320,000-acres of that total consisting of prairie. At present, less than 1% of the prairies that occurred across the Grand Prairie remain. 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 maintain the viability and associated biological diversity of a remnant tallgrass prairie in the Grand Prairie of eastern Arkansas. The Management Plan was updated and approved by the Commission on 10/25/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff continued to perform grounds maintenance activities as well as treatments for invasive species control. ANHC staff also conducted a plant inventory.

**Date of Last Visit:** 8/2/2008

### Status:

Invasive plant species were greatly reduced. Monitoring indicated that hand removal of invasive plants benefited the continued thriving of sand cherry on the natural area. Field assessments noted no problems.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Antennaria neglecta</i>	field pussytoes	Plant
<i>Asio flammeus</i>	Short-eared Owl	Animals
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex opaca</i>	a caric sedge	Plant
<i>Cistothorus platensis</i>	Sedge Wren	Animal
<i>Eleocharis wolfii</i>	Wolf's spike rush	Plant
<i>Gryllotalpa major</i>	Prairie Mole Cricket	Animal
<i>Gymnopogon brevifolius</i>	shortleaf skeletongrass	Plant
Lower Mississippi Alluvial Plain Grand Prairie		Natural Community
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening primrose	Plant
<i>Prunus pumila var. susquehanae</i>	sand cherry	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	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 West Gulf 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 included. Some of the loblolly pines are very large. The area features several springs along with an assemblage of increasingly scarce plant species that are restricted to spring environments. American beech dominates the moist ravines on the property, 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.

### 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 Arkansas State Parks to protect and maintain a high-quality pine/hardwood forest as well as several mineral springs and their associated flora. The Management Plan was updated and approved by the Commission on 09/17/2008. It will be updated for Fiscal Year 2013.

### Stewardship Activities:

ASP staff continued to perform daily management activities, including monitoring public use areas. ANHC staff periodically monitored the area and removed trash. The Management Plan was updated to reflect current status.

**Date of Last Visit:** 9/11/2008

### Status:

Public use facilities were improved by the installation of a new parking lot at the pavilion. ASP staff on-site reported no problems.

### Elements of Special

#### Scientific Name

#### Common Name

#### Type of Element

Lowland pine-oak forest

Natural Community

*Polygala nana*

bachelor's button

Plant

### Acquisition Summary:

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

## Lorance Creek Natural Area

**County Name:** Pulaski, Saline    **Size (in acres):** 294.34    **Latitude:** 34.58555    **Longitude:** -92.25013

### Description:

Lorance Creek Natural Area is primarily a deep swamp that spreads out along both sides of Lorance Creek. This natural area occurs at the transition of the West Gulf Coastal Plain to the Mississippi Alluvial Plain. The entire system is a diverse mosaic of open water, cypress-tupelo gum, beaver ponds, and sandy washes overlain with groves of swamp blackgum. 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 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 sustain the biological diversity of various wetland communities at the transition of the West Gulf Coastal Plain to the Mississippi Alluvial Plain, while maintaining public use facilities and enhancing public visitation. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC and TNC staff continued weekly monitoring of the boardwalk for vandalism. ANHC staff conducted routine grounds maintenance activities and met with a utility company subcontractor about vegetation control underneath the overhead power lines. Staff also conducted a prescribed burn around the retention pond, and TNC conducted a prescribed burn on 75 additional acres.

**Date of Last Visit:** 9/29/2008

### Status:

Vandalism has been reduced. The boardwalk was repaired after storm damage. ANHC worked with an Entergy subcontractor to reduce woody vegetation on the utility right-of-way. The retention pond erosion net has caused mortality of some reptile species.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex bullata</i>	a caric sedge	Plant
<i>Carex davisii</i>	Davis' caric sedge	Plant
<i>Carex striatula</i>	a caric sedge	Plant
<i>Carex stricta</i>	tussock sedge	Plant
<i>Chamaelirium luteum</i>	devil's bit	Plant
<i>Hyla avivoca</i>	bird-voiced treefrog	Animal
<i>Lycopodiella alopecuroides</i>	foxtail bog club-moss	Plant
<i>Lycopodiella appressa</i>	appressed bog club-moss	Plant
<i>Nyssa biflora</i>	swamp black gum	Plant
<i>Spiraea tomentosa</i>	hardhack	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

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
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 from which land surveys of the Louisiana Purchase Territory began in 1815. The swamp surrounding the marker is called a "headwater swamp." Headwater swamps maintain more constant water levels than riparian swamps due to reduced drainage of the area. The swamp is about 6 miles long and less than a mile wide. Swamps such as these have all but vanished from the Mississippi Alluvial Plain. The headwater swamp at Louisiana Purchase is the largest remaining in the Lower Mississippi Alluvial Valley. The natural area is a cooperative project with Arkansas State Parks 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 Arkansas State Parks to protect and maintain the plant communities and species characteristic of a cypress-tupelo dominated headwater swamp of the Mississippi Alluvial Plain. The Management Plan was updated and approved by the Commission on 09/17/2008. It will be updated for Fiscal Year 2013.

### Stewardship Activities:

ASP moved the entrance gate closer to the state highway access road and also moved the entrance sign. ASP staff continued to perform stewardship activities, including monitoring public use areas. ANHC staff periodically inspected the area and removed trash. The Management Plan was updated to reflect current status.

**Date of Last Visit:** 7/20/2008

### Status:

ASP gated the entrance road to limit access. The altered hydrology of the surrounding area continues to impact the headwater swamp. Field assessments noted no other problems.

### Elements of Special

<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 (State Parks holds fee title)	\$5,395.20	\$5,000.00	2/15/1977	State General Improvement Fund
Louisiana 2 (Bennett)	Conservation easement (State Parks holds fee title)	\$5,395.20	\$5,000.00	3/10/1977	State General Improvement Fund
Louisiana 3 (Bonner)	Conservation easement (State Parks holds fee title)	\$3,884.45	\$3,600.00	4/7/1977	State General Improvement Fund
Louisiana 4 (Davidson)	Conservation easement (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:** 34.6375

**Longitude:** -92.84196

### Description:

Located in the eastern portion of the central Ouachita Mountains, this natural area contains a complex of open glades, barrens, and dry oak woodlands on a shale substrate. Glades at the site 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 also includes rich hardwood forests on north-facing slopes and terraces along the Middle Fork of the Saline River, including a 1/3 mile stretch of the river.

### 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 and maintain the biological diversity of a high-quality example of shale glades, woodlands and rich hardwood forests of the eastern portion of the central Ouachita Mountains. The Management Plan was updated and approved by the Commission on 10/25/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff conducted routine stewardship activities and repaired fences that were installed to prevent cattle from accessing the Middle Fork of the Saline River. ANHC staff also conducted plant inventories and plant community monitoring. TNC was contracted to perform a prescribed burn on 75 acres and cut invasive eastern red cedars from a glade area.

**Date of Last Visit:** 8/11/2008

### Status:

Ecological restoration work improved the habitat structure. Cedar removal and prescribed fire enhanced the quality of plant communities and increased plant species abundance. Field assessments noted no problems.

### Elements of Special

<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>Draba aprica</i>	open-ground whitlow-grass	Plant
<i>Eleocharis wolfii</i>	Wolf's spike rush	Plant
<i>Liatris compacta</i>	Ouachita blazing star	Plant
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	Plant
<i>Sabatia arkansana</i>	Pelton's rose gentian	Plant
<i>Scleria verticillata</i>	whorled nutsedge	Plant
<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):** 143.523

**Latitude:** 33.19354

**Longitude:** -94.02781

### Description:

Miller County Sandhills Natural Area, located in the West Gulf 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 sandy soils. The dry sandy soil supports a very distinctive flora, which includes a number of species characteristic of similar sites in eastern Texas. Some of the area is open and supports a "sandhill prairie," while the remainder is in hardwood forest characterized by a number of "scrub species." The Natural Heritage Commission and The Nature Conservancy share ownership of this area. The Nature Conservancy 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 in conjunction with The Nature Conservancy to protect and maintain an example of sandhill woodlands, barrens, and seeps characteristic of the West Gulf Coastal Plain. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff performed routine stewardship activities, including the installation of a new parking area. ANHC staff also held a quality circle fieldtrip on site to tour a recent land acquisition and conduct a plant inventory. TNC was contracted to conduct a prescribed burn on 85 acres. ANHC staff completed an insect survey.

**Date of Last Visit:** 7/22/2008

### Status:

Inventory work recorded new tracked plant species. Ecological restoration on recently acquired lands improved habitat structure. New public access was installed. Prescribed fire improved the quality of plant communities.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Alophia drummondii</i>	purple pleat-leaf	Plant
<i>Aristida lanosa</i>	woolly threeawn	Plant
<i>Asimina parviflora</i>	dwarf pawpaw	Plant
<i>Astragalus leptocarpus</i>	slimpod milkvetch	Plant
<i>Astragalus soxmaniorum</i>	Soxman's milkvetch	Plant
<i>Berlandiera pumila</i> var. <i>pumila</i>	green eyes	Plant
<i>Bouteloua hirsuta</i>	hairy grama	Plant
<i>Bulbostylis ciliatifolia</i> var. <i>coarctata</i>	hairsedge	Plant
<i>Dalea phleoides</i> var. <i>microphylla</i>	little-leaved prairie clover	Plant
<i>Dalea villosa</i> var. <i>grisea</i>	silky prairie clover	Plant
<i>Delphinium carolinianum</i> ssp.	Carolina larkspur	Plant
<i>Echinacea sanguinea</i>	red coneflower	Plant
<i>Eleocharis tortilis</i>	twisted spike rush	Plant
<i>Engelmannia peristenia</i>	Engelmann's daisy	Plant
<i>Eryngium integrifolium</i>	blue-flowered eryngo	Plant
<i>Fuirena bushii</i>	Bush's umbrella-grass	Plant
<i>Lycopodiella appressa</i>	appressed bog club-moss	Plant
<i>Matelea cynanchoides</i>	milkweed vine	Plant
<i>Mitreola sessilifolia</i>	swamp hornpod	Plant
<i>Nyssa biflora</i>	swamp black gum	Plant

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Oenothera heterophylla</i> ssp. <i>heterophylla</i>	an evening primrose	Plant
<i>Oenothera rhombipetala</i>	an evening primrose	Plant
<i>Pediomelum digitatum</i>	palm-leaved scurf-pea	Plant
<i>Pediomelum hypogaeum</i> var. <i>subulatum</i>	buried breadroot	Plant
<i>Rhynchospora gracilentia</i>	slender beakrush	Plant
<i>Rhynchospora rariflora</i>	fewflower beakrush	Plant
<i>Sacciolepis striata</i>	American cupscale	Plant
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Riddell's spike-moss	Plant
<i>Streptanthus hyacinthoides</i>	a twistflower	Plant
<i>Tradescantia reverchonii</i>	Reverchon's spiderwort	Plant
<i>Tragia smallii</i>	Small's noseburn	Plant
West Gulf Coastal Plain Sandhill Oak & Shortleaf Pine Forest & Woodland		Natural Community

**Acquisition Summary:**

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
Miller 1	NHC has a 71% undivided interest, and TNC has a 29% undivided interest	\$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

## Mills Park Natural Area

**County Name:** Saline

**Size (in acres):** 10.4763

**Latitude:** 34.60539

**Longitude:** -92.48331

### Description:

Mills Park is a unique example of an urban natural area. This small tract harbors an acidic wooded seep and represents the once extensive forests that occurred across the West Gulf 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. The natural area contains several plant species considered rare or uncommon in Arkansas. These special plants, along with many other species of 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 a West Gulf Coastal Plain wooded seep, and surrounding forest, within the context of a city park. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

Routine stewardship activities included monitoring trail use, performing trail maintenance, and removing invasive plant species. The City of Bryant updated the interpretive signage and installed a new playground adjacent to the parking area.

**Date of Last Visit:** 8/11/2008

### Status:

Invasive plant species were reduced. Active public use continues. Field assessments noted no problems.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Chamaelirium luteum</i>	devil's bit	Plant
<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):** 6,042.83      **Latitude:** 33.3961      **Longitude:** -92.4096

### 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 West Gulf 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 many rare plant communities represented including upland pine-grass savannas, saline soil barrens, and open sandy seeps. The site also hosts a variety of rare plants and animals including the federally endangered Red-cockaded Woodpecker. A conservation easement on the NA-WMA will ensure that some of this habitat is managed to support increased game species like deer, turkey, and quail as well as endangered species such as the Red-cockaded Woodpecker.

### 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:

A Cooperative Forest Management Plan was completed by TNC, ANHC, AGFC and Potlatch as a part of the easement. An ANHC management plan is being developed with the area partners.

### Stewardship Activities:

ANHC staff attended the Moro Big Pine NA/WMA meeting held in Warren, Arkansas. Staff from ANHC, AGFC, Potlatch, and TNC discussed past and future management of Moro Big Pine. Potlatch staff monitored RCW colonies. ANHC staff assisted Potlatch staff in conducting a reptile and amphibian inventory. Staff also conducted a plant inventory and assisted with RCW cavity maintenance.

**Date of Last Visit:** 7/15/2008

### Status:

Cooperative work continues with AGFC, TNC, and Potlatch to establish public use infrastructure. RCW population increased. Inventory work documented one new amphibian species and one new tracked plant species.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Anthaenantia texana</i>	Kral's silkyscale	Plant
<i>Coelorachis rugosa</i>	wrinkled jointgrass	Plant
<i>Dichanthelium scabriusculum</i>	woolly rosette grass	Plant
<i>Eleocharis microcarpa</i>	a spike rush	Plant
<i>Eupatorium hyssopifolium</i> var. <i>hyssopifolium</i>	hyssop-leaved boneset	Plant
<i>Fuirena bushii</i>	Bush's umbrella-grass	Plant
<i>Lycopodiella appressa</i>	appressed bog club-moss	Plant
<i>Paspalum praecox</i>	early paspalum	Plant
<i>Picoides borealis</i>	Red-cockaded Woodpecker	Animal
<i>Plethodon kisatchie</i>	Louisiana slimy salamander	Animal
<i>Smilax walteri</i>	redberry greenbrier	Plant
<i>Solidago nitida</i>	a goldenrod	Plant
<i>Xyris ambigua</i>	a yellow-eyed grass	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>
Moro Big 1 (Potlatch)	Conservation Easement (ANHC has 36% interest and AGFC has 64% interest)	\$2,545,199.10	\$448,538.88	12/17/2007	Natural and Cultural Resources Council

## Moro Creek Bottoms Natural Area

**County Name:** Cleveland      **Size (in acres):** 81.113      **Latitude:** 33.77817      **Longitude:** -92.32502

### Description:

Moro Creek Bottoms Natural Area, located in the West Gulf 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 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 restore and protect biological diversity representative of bottomland hardwood forests by maintaining natural ecosystem processes in a natural area containing mature old-growth forest. The Management Plan was updated and approved by the Commission on 01/29/08. It will be updated for Fiscal Year 2012.

### Stewardship Activities:

In addition to routine stewardship activities, staff conducted boundary inspections, invasive plant species removal, and monitored the area for feral hogs. The Management Plan was updated to reflect current status.

**Date of Last Visit:** 5/15/2008

### Status:

Field assessments noted no problems. Access is currently limited to ANHC staff.

### Elements of Special

<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):** 1653.125      **Latitude:** 33.65034      **Longitude:** -93.83154

### Description:

Nacatoch Ravines Natural Area is one of the largest, and most intact, examples of dry, dry-mesic, and mesic upland forests remaining in the northern part of the West Gulf Coastal Plain. Through much of the site, canopy trees average two to three feet or more in diameter, with many larger individual trees. The Natural Heritage Commission and The Nature Conservancy share ownership in 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 in conjunction with The Nature Conservancy to protect and restore upland forest communities of the West Gulf Coastal Plain, complete with an understory containing a rich diversity of native plant species. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff monitored last year's aerial applications of herbicide to control kudzu and contracted for additional applications. ANHC and TNC staff also treated kudzu with hand-spraying of herbicide. Prior to treatment, ANHC staff again met with local officials and neighbors to review this management activity. Routine stewardship activities were conducted, such as trash removal and the installation of a fence to block ATV access. Staff also consulted with an adjacent landowner about installing a gate at a new acquisition.

**Date of Last Visit:** 9/28/2008

### Status:

Continued aggressive herbicide treatments significantly reduced kudzu encroachment and increased native vegetation. A new acquisition protects additional blackland ravine forest. Inventory work documented two new tracked plant species.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex kraliana</i>	Kral's caric sedge	Plant
<i>Chamaelirium luteum</i>	devil's bit	Plant
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	Plant
<i>Lithospermum tuberosum</i>	a pucoon	Plant
<i>Plethodon serratus</i>	southern redback salamander	Animal
<i>Pycnanthemum virginianum</i>	Virginia mountain mint	Plant
<i>Quercus arkansana</i>	Arkansas oak	Plant
<i>Quercus sinuata</i>	Durand's white oak	Plant
<i>Solidago auriculata</i>	clasping goldenrod	Plant
<i>Spiranthes ovalis</i> var. <i>ovalis</i>	southern oval 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>
Nacatoch 1	Fee title	\$99,000.00	\$68,400.00	1/13/1989	Natural and Cultural Resources Council
Nacatoch 2 (IP)	NHC has a 71% undivided interest and TNC has a 29% undivided interest in fee	\$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 (TNC)	Conservation easement (The Nature Conservancy holds fee title)	\$963,000.00	\$963,000.00	8/4/2008	Natural and Cultural Resources Council

## Palmetto Flats Natural Area

**County Name:** Little River      **Size (in acres):** 1,848      **Latitude:** 33.6503      **Longitude:** -94.2718

### Description:

Palmetto Flats Natural Area is the largest contiguous block of alluvial terrace forest remaining in the Red River Valley in Arkansas, an area that has been almost entirely cleared and drained. It contains high-quality examples of a variety of forest types including rare wet hardwood and pine-hardwood flatwoods with a dwarf palmetto understory.

### Access:

From Ashdown take State Highway 32 west approximately 8 miles to County Road 14. Turn left on County Road 14 and travel approximately 1 mile to the natural area.

### Management Plan:

The conservation vision is to protect a large block of terrace forest along the Red River and populations of associated species. A management plan is in the process of being written.

### Stewardship Activities:

Ecological goals and stewardship activities are being developed within the context of a conservation vision as part of the Management Plan for this new natural area.

**Date of Last Visit:** 8/4/2008

### Status:

Initial plant inventory work recorded several rare species, including the largest known Arkansas population of blueberry hawthorn.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<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	\$1,846,354.20	\$1,842,330.00	9/30/2008	Natural and Cultural Resources Council



## Pine City Natural Area

**County Name:** Monroe

**Size (in acres):** 869.85

**Latitude:** 34.60423

**Longitude:** -91.13117

### Description:

Pine City Natural Area provides vital habitat for the last remaining colony of the federally endangered Red-cockaded Woodpecker in the Mississippi Alluvial Plain of eastern Arkansas. The natural area also contains the "Lost Pine of Arkansas." Fairly extensive, high-quality natural stands of loblolly pine forest occur at Pine City Natural Area. These loblolly pines are "lost" in the sense that they are an isolated population within the Mississippi Alluvial Plain. As a result, these loblolly pines have become genetically distinct from loblolly pines found elsewhere in the United States. Additional holdings at the natural area consist of cleared and former agricultural land that will be restored to loblolly pine forest in the future.

### 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 manage and restore loblolly pine forests in the Mississippi Alluvial Plain that support an isolated colony of the federally endangered Red-cockaded Woodpecker. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

The ecological thinning of the mid- and understory, designed to assist with habitat restoration for the RCWs, progressed well but was stopped before final completion due to wet ground conditions. Local genotype pine seedlings, planted in restoration areas, were monitored and additional seedlings were planted on a recent land acquisition. ANHC staff cleaned and maintained RCW nest cavities, hand pulled invasive plant species, maintained boundary lines, installed a new entrance sign, and maintained the new parking area. Contracts were issued to remove hardwood understory and conduct a prescribed burn on 130 acres. TNC produced a plant community monitoring report. ANHC staff and USFS staff, preparing for a swap of RCWs, banded three female juvenile RCWs.

**Date of Last Visit:** 9/23/2008

### Status:

Ecological restoration improved habitat structure, including 60 acres planted with local genotype pine seedlings. Public access was improved. Inventory work documented one new tracked plant species. Two new acquisitions protect additional RCW habitat.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Eleocharis wolfii</i>	Wolf's spike rush	Plant
<i>Minuartia drummondii</i>	a 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
Pine City 6	Fee title	\$62,000.00	\$62,000.00	7/17/2003	Natural and Cultural Resources Council, 1/8 Cent Conservation Tax

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
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
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 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 biological diversity representative of oak-hickory forests of the Ozark Mountains and provide protection for the Upper Buffalo Wilderness Area, the Buffalo National River, and a portion of its watershed. The Management Plan was updated and approved by the Commission on 05/18/06. It will be updated for Fiscal Year 2010.

### Stewardship Activities:

ANHC staff continued to work closely with the landowners who perform routine grounds maintenance of the area. ANHC staff also discussed an overall burn rotation schedule with the landowners for future prescribed burns.

**Date of Last Visit:** 9/11/2008

### Status:

Field assessments noted no problems.

### Elements of Special

#### Scientific Name

#### Common Name

#### Type of Element

*None Recorded*

### Acquisition Summary:

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
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

**Size (in acres):** 51.75

**Latitude:** 33.6596

**Longitude:** -93.02612

### Description:

Poison Springs State Forest Sand Barren includes nearly 20 acres of sandhill vegetation. Margareta oak is the principal woodland tree here. Arkansas oak and bluejack oak are also present. Shrubs fill in where trees are absent and include farkelberry and Carolina buckthorn. A large portion of the site is treeless. The oak-pine forest consists of a mixed shortleaf pine-loblolly pine-oak forest. Although not old-growth, these forest stands are relatively mature compared to others of their kind in the West Gulf Coastal Plain and represent an opportunity to set aside a forested Coastal Plain environment. The area falls within the Poison Springs State Forest and is co-managed with the Arkansas Forestry Commission.

### Access:

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 in conjunction with the Arkansas Forestry Commission to restore and protect oak/pine forests, sandhill woodlands, sandhill barrens, seeps, and shrub wetlands characteristic of the West Gulf Coastal Plain. The Management Plan was updated and approved by the Commission on 05/18/06. It will be updated for Fiscal Year 2010.

### Stewardship Activities:

ANHC staff conducted an insect survey in addition to performing routine ground maintenance activities. Cooperative management activities and future prescribed burns were reviewed with AFC staff.

**Date of Last Visit:** 7/3/2008

### Status:

Field assessments noted no problems.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Aristida lanosa</i>	woolly threeawn	Plant
<i>Astragalus leptocarpus</i>	slimpod milkvetch	Plant
<i>Astragalus soxmaniorum</i>	Soxman's milkvetch	Plant
<i>Bulbostylis ciliatifolia</i> var. <i>coarctata</i>	hairsedge	Plant
<i>Cyperus grayoides</i>	Mohlenbrock's flatsedge	Plant
<i>Delphinium carolinianum</i> ssp.	Carolina larkspur	Plant
<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	Plant
<i>Eleocharis tortilis</i>	twisted spike rush	Plant
<i>Eriogonum multiflorum</i> var. <i>multiflorum</i>	many-flowered buckwheat	Plant
<i>Nyssa biflora</i>	swamp black gum	Plant
<i>Oenothera rhombipetala</i>	an evening primrose	Plant
<i>Phacelia strictiflora</i> var. <i>robbinsii</i>	Robbin's scorpionweed	Plant
<i>Pemmeranthus rugospermus</i>	rough-seeded fame flower	Plant
<i>Pogonomyrmex comanche</i>	Comanche harvester ant	Animal
<i>Quercus arkansana</i>	Arkansas oak	Plant
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Riddell's spike-moss	Plant
<i>Streptanthus hyacinthoides</i>	a twistflower	Plant
<i>Stylisma pickeringii</i> var. <i>pattersonii</i>	Patterson's dawnflower	Plant

**Scientific Name**

*Tradescantia reverchonii*

West Gulf Coastal Plain Sandhill  
Oak & Shoteaf Pine Forest & Woodland

**Common Name**

Reverchon's spiderwort

**Type of Element**

Plant

Natural Community

**Acquisition Summary:**

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
Poison 1	Conservation easement (Arkansas Forestry Commission holds fee title)	\$0.00	\$0.00	4/24/1985	Gift

## Railroad Prairie Natural Area

**County Name:** Prairie Lonoke

**Size (in acres):** 250.7

**Latitude:** 34.78199

**Longitude:** -91.69748

### 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, 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 1% 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, and Indiangrass. Along with grasses, the natural area contains a diverse complement of forbs including narrow-leaved sunflower, long-bracted wild indigo, and butterfly weed. 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 and maintain a representative transect of communities and species related to the landform and hydrology of the Grand Prairie of eastern Arkansas. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

Routine stewardship activities included removing trash, replacing entrance signs and treating invasive plant species. ANHC staff conducted an insect survey, plant inventories, and a prescribed burn that included several individual burn units.

**Date of Last Visit:** 8/2/2008

### Status:

A new location for sand cherry was discovered and the persistence of other known sand cherry localitiions was reconfirmed. Inventory work documented a new tracked plant species. Prescribed burning reduced woody plant encroachment.

### Elements of Special

<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>	a caric sedge	Plant
<i>Carex opaca</i>	a caric sedge	Plant
<i>Coelorachis rugosa</i>	wrinkled jointgrass	Plant
<i>Dichanthelium dichotomum</i> var. <i>roanokense</i>	forked rosette grass	Plant
<i>Eleocharis wolfii</i>	Wolf's spike rush	Plant
<i>Eupatorium hyssopifolium</i> var. <i>hyssopifolium</i>	hyssop-leaved boneset	Plant
<i>Gentiana puberulenta</i>	downy gentian	Plant
<i>Gryllotalpa major</i>	Prairie Mole Cricket	Animal
<i>Hypericum adpressum</i>	Creeping St. John's-wort	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>Prunus pumila</i> var. <i>susquehanae</i>	sand cherry	Plant
<i>Sabatia campanulata</i>	slender marsh-pink	Plant

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Tetraopes quinque maculatus</i>	A Red Milkweed Beetle	Animal
<i>Tridens ambiguus</i>	pine barren tridens	Plant

**Acquisition Summary:**

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
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:** 36.22662

**Longitude:** -91.44077

### 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. 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 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.

### 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 in conjunction with the Arkansas Game and Fish Commission to protect Rock Creek and maintain aquatic and terrestrial communities characteristic of Ozark Mountain calcareous outcrops and ground water seepage areas. The Management Plan was updated and approved by the Commission on 01/29/08. It will be updated for Fiscal Year 2012.

### Stewardship Activities:

ANHC staff continued to maintain off-road vehicle control measures and remove woody vegetation from the fen restoration area and underneath the overhead utility lines. Staff also conducted a plant inventory and discussed an overall burn rotation schedule with AGFC and TNC. The Management Plan was updated to reflect current status.

**Date of Last Visit:** 8/19/2008

### Status:

Inventory work documented one new tracked plant species. ANHC and AGFC worked to address negative impacts from public use. Woody vegetation was reduced along the power line right-of-way and elsewhere in the fen.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Arnoglossum reniforme</i>	great Indian plantain	Plant
<i>Carex interior</i>	a caric sedge	Plant
<i>Carex leptalea</i> var. <i>harperi</i>	threadstem caric sedge	Plant
<i>Carex shortiana</i>	Short's caric sedge	Plant
<i>Carex suberecta</i>	a caric sedge	Plant
<i>Carex timida</i>	a caric sedge	Plant
Central Interior Highlands Calcareous Glade and Barrens		Natural Community
<i>Erysimum capitatum</i> var. <i>capitatum</i>	western wallflower	Plant
<i>Evolvulus nuttallianus</i>	Nuttall's dwarf morning glory	Plant
<i>Juncus subcaudatus</i>	a rush	Plant
<i>Ludwigia microcarpa</i>	false loosestrife	Plant
<i>Mimulus ringens</i> var. <i>ringens</i>	monkey flower	Plant
<i>Nemastylis geminiflora</i>	celestial lily	Plant
Ozark-Ouachita Fen		Natural Community
<i>Parnassia grandifolia</i>	large-leaved grass-of-Parnassus	Plant
<i>Pediomelum esculentum</i>	prairie turnip	Plant
<i>Plantago cordata</i>	heartleaf plantain	Plant
<i>Pycnanthemum virginianum</i>	Virginia mountain mint	Plant
<i>Rhynchospora capillacea</i>	capillary beakrush	Plant
<i>Scleria verticillata</i>	whorled nutsedge	Plant
<i>Scutellaria bushii</i>	Bush's skullcap	Plant



<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Sedum ternatum</i>	woodland stonecrop	Plant
<i>Solidago riddellii</i>	Riddell's goldenrod	Plant
<i>Spiranthes lucida</i>	shining ladies'-tresses	Plant
<i>Spring-Ozark Mountains</i>		Natural Community
<i>Upland Stream-Ozark Mountains</i>		Natural Community

**Acquisition Summary:**

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
Rock Creek 1	Conservation easement (AGFC 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 prairie 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 320,000 acres of prairie. At present, less than 1% of the prairies that occurred across the Grand Prairie currently 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 Arkansas State University to maintain the viability and associated biological diversity of a remnant tallgrass prairie in the Grand Prairie of eastern Arkansas. The Management Plan was updated and approved by the Commission on 02/15/06. It will be updated for Fiscal Year 2010.

### Stewardship Activities:

ANHC staff conducted routine grounds maintenance activities including clearing vegetation from around the entrance signs and maintaining the parking area. ANHC staff completed an insect survey, a plant inventory, and a box turtle survey. Staff also conducted a prescribed burn on 40 acres and held a quality circle fieldtrip to review the vegetative response of recent prescribed burns.

**Date of Last Visit:** 7/19/2008

### Status:

A prescribed burn was conducted. The presence of the ornate box turtle on the natural area was confirmed. Inventory work following the burn documented one new tracked plant species and added 50 species to the overall plant list.

### Elements of Special

<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>	a caric sedge	Plant
<i>Eleocharis wolfii</i>	Wolf's spike rush	Plant
<i>Gymnopogon brevifolius</i>	shortleaf skeletongrass	Plant
<i>Laphria vorax</i>	A Robberfly	Animal
Lower Mississippi Alluvial Plain Grand Prairie		Natural Community
<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>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:** 33.7579

**Longitude:** -93.91134

### Description:

Saratoga Blackland Prairie Natural Area, located in the West Gulf Coastal Plain, contains high quality blackland prairies and associated woodlands, with few non-native invasive species. The woodlands contain a diverse collection of mature hardwood trees; however, decades of fire suppression have impaired natural ecological processes and changed the structure of the plant communities. Based on experience at other natural areas, introduction of prescribed fire will rapidly restore the natural composition of prairies and woodlands.

### 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 use natural ecosystem processes to maintain the mosaic of prairie and woodland communities, and species representative of the blackland prairie region of southwestern Arkansas. The Management Plan was updated and approved by the Commission on 01/29/08. It will be updated for Fiscal Year 2012.

### Stewardship Activities:

Under contract, TNC conducted a prescribed burn on 45 acres and removed invasive red cedars using chainsaws. ANHC staff followed up with post burn monitoring. The Management Plan was updated to reflect current status. ANHC staff performed stewardship activities, held an onsite quality circle fieldtrip and conducted a plant inventory. The area was also monitored for plant poaching.

**Date of Last Visit:** 7/2/2008

### Status:

A prescribed burn was conducted and postburn inventory work documented new additions to the plant list. Three new tracked insect species were also documented. Invasive plant species were reduced.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Astragalus crassicaarpus</i> var. <i>crassicaarpus</i>	a ground plum	Plant
<i>Carex microdonta</i>	a caric sedge	Plant
<i>Diaperia prolifera</i>	rabbit tobacco	Plant
<i>Microstylum morosum</i>	giant prairie robber fly	Animal
<i>Penstemon cobaea</i>	showy beard-tongue	Plant
<i>Physaria gracilis</i> ssp. <i>gracilis</i>	a 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. Prairie mounds are scattered throughout the natural area and are thought to have originated from wind blown material deposited during earlier glacial periods. Plant species such as big bluestem, little bluestem, prairie cordgrass, and switchgrass occur across the site. Located in the City of Rogers, this natural area provides opportunities for environmental education to school groups and garden clubs. 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 the biological diversity characteristic of a tallgrass prairie remnant on the Springfield Plateau of the Ozark Mountains. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff installed a new entrance sign and performed grounds maintenance activities including removing trash and repairing fence rails. TNC was contracted to conduct plant community monitoring. The City of Rogers postponed a prescribed burn on the area. ANHC staff also met with the adjacent landowners to discuss management activities.

**Date of Last Visit:** 9/8/2008

### Status:

The altered hydrology of the surrounding area is affecting a portion of the prairie. Field assessments noted the need for a prescribed burn.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Asclepias incarnata ssp. incarnata</i>	northern swamp milkweed	Plant
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex buxbaumii</i>	Buxbaum's caric sedge	Plant
<i>Carex conoidea</i>	a caric sedge	Plant
<i>Carex opaca</i>	a caric sedge	Plant
<i>Carex scoparia var. scoparia</i>	a caric sedge	Plant
<i>Eleocharis wolfii</i>	Wolf's spike rush	Plant
Ozark Prairie and Woodland		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>
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 West Gulf 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 natural area. The natural area lies within the Seven Devils Swamp Wildlife Management Area and is co-managed with the Arkansas Game and Fish Commission.

### Access:

From Monticello, travel east on State Highway 35 approximately 14.0 miles to Collins. From 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 in conjunction with the Arkansas Game and Fish Commission to protect and maintain a cypress-tupelo swamp and bottomland hardwood forest at the transition of the West Gulf Coastal Plain and Mississippi Alluvial Plain. The Management Plan was updated and approved by the Commission on 02/15/06. It will be updated for Fiscal Year 2010.

### Stewardship Activities:

ANHC site inspections verified that the AGFC staff performed routine stewardship activities and monitored the impacts of a boat launch and access areas. ANHC staff reviewed the annual water management plan submitted by AGFC staff and approved the timing intervals of the process specified within the plan for this year.

**Date of Last Visit:** 5/5/2008

### Status:

ANHC staff reviewed the AGFC annual water management plan and noted no problems. Field assessments reported no problems.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Colonial nesting site, water birds</i>		Other
<i>Hypericum nudiflorum</i>	early St. Johnswort	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 (AGFC 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:** 35.46299      **Longitude:** -90.54054

### 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 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 protect and maintain a bottomland hardwood forest and overflow swamp representative of the St. Francis River Basin within the Mississippi Alluvial Plain. The Management Plan was updated and approved by the Commission on 01/29/08. It will be updated for Fiscal Year 2012.

### Stewardship Activities:

ANHC staff verified that AGFC conducted routine grounds maintenance activities such as removing trash. The Management Plan was updated to reflect current status.

**Date of Last Visit:** 9/24/2008

### Status:

ANHC approved the installation of two boat ramps by the AGFC. Reports from AGFC site management staff noted no problems.

### Elements of Special

<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>
Singer 1	Conservation easement (AGFC holds fee title)	\$0.00	\$0.00	8/30/1973	Gift

## Slippery Hollow Natural Area

**County Name:** Marion

**Size (in acres):** 745.951

**Latitude:** 36.35608

**Longitude:** -92.77574

### Description:

Slippery Hollow Natural Area, located in the Ozark Mountains, consists of a steep-sided stream valley and gently undulating uplands. Upper slopes are forested with a mix of post oak, blackjack oak, and shortleaf pine. On the lower slopes a mesic hardwood forest of red and white oak, basswood, and sugar maple prevails. The area provides critical habitat for the federally endangered Ozark big-eared bat.

### 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 maintain viable populations of target species (Ozark big-eared bat) and, as appropriate, other native plants and animals occurring within the site's natural communities. The Management Plan was updated and approved by the Commission on 05/18/06. It will be updated for Fiscal Year 2010.

### Stewardship Activities:

In addition to ANHC staff conducting routine grounds maintenance activities and removing invasive species, contracted workers continued removing trash dumps, totaling over 320 cubic yards. ANHC staff also sent a violation notification letter to an adjacent landowner, who had cleared and used an old road through the natural area to access a portion of his property. Boundaries for new acquisitions were mapped and will be marked over the winter.

**Date of Last Visit:** 7/25/2008

### Status:

A new acquisition provides additional habitat for the Ozark big-eared bat. A large illegal dump continues to be cleaned up with 320 cubic yards of trash removed from the site this year.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex hitchcockiana</i>	Hitchcock's caric sedge	Plant
<i>Carex sparganioides</i>	a caric sedge	Plant
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared 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>
Slippery 1 (TNC/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	6/4/2002	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
Slippery 5 (Tanner)	Fee title	\$85,000.00	\$85,000.00	10/1/2007	U.S. Fish and Wildlife Service Grant
Slippery 6 (Willilams)	Fee title	\$120,000.00	\$120,000.00	1/24/2008	U.S. Fish and Wildlife Service Grant

## Smoke Hole Natural Area

**County Name:** Lonoke, Prairie    **Size (in acres):** 455    **Latitude:** 34.64244    **Longitude:** -91.66324

### 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 preserve a remnant area of the Grand Prairie in eastern Arkansas containing upland hardwood forest, bottomland hardwood forest, and a mature water tupelo swamp. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff performed routine stewardship activities, maintained the boundaries, removed invasive species, and continued negotiations with an adjacent landowner to determine the location for a parking area and a public access easement.

**Date of Last Visit:** 7/19/2008

### Status:

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

### Elements of Special

<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 Water Conservation Fund



## Stateline Sand Ponds Natural Area

**County Name:** Clay

**Size (in acres):** 140

**Latitude:** 36.49176

**Longitude:** -90.60296

### Description:

Stateline Sand Ponds Natural Area, located in the Mississippi Alluvial Plain, is a portion of a larger 1,500-acre site that extends south and west into Arkansas and north and east into Missouri. On a landscape basis, this natural area represents part of a larger conservation effort as adjoining lands in Missouri protect similar habitat in that state. The geology of Stateline Sand Ponds incorporates floodplains, terraces, and associated landforms of the Pleistocene Mississippi River and present day Black and Little Black Rivers. Dune fields in this area extend across portions of northeastern Arkansas and southeastern Missouri. The natural area consists of a wooded tract composed of a mix of forest types set within a completely cleared agricultural landscape. The natural area represents one of the last remaining areas of habitat for the federally endangered pondberry in this corner of the state.

### 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. Corner of Natural Area is on left across from an old farmhouse.

### Management Plan:

The conservation vision, within the context of a landscape conservation effort, is to maintain and restore a sand pond community within the Mississippi River Alluvial Plain that hosts an isolated population of the federally endangered pondberry. The Management Plan was updated and approved by the Commission on 01/29/08. It will be updated for Fiscal Year 2012.

### Stewardship Activities:

ANHC staff performed routine stewardship activities such as boundary maintenance, trash removal and the reinstallation of an ATV blockade. TNC was contracted to produce a plant community monitoring report and install fire lines. The Management Plan was updated to reflect current status. ANHC staff also conducted monitoring and inventory of pondberry at the natural area.

**Date of Last Visit:** 9/17/2008

### Status:

Drainage on the area is impeded by a levee on adjacent land. Field assessments noted no other problems.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Ambystoma talpoideum</i>	mole salamander	Animal
<i>Leitneria floridana</i>	corkwood	Plant
<i>Lindera melissifolia</i>	pondberry	Plant
<i>Platanthera flava</i> var. <i>herbiola</i>	northern tubercled-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:** 34.08013

**Longitude:** -93.90407

### Description:

Stone Road Glade Natural Area contains the least disturbed and highest quality limestone glades remaining in the West Gulf Coastal Plain. This community type is unusual for this part of Arkansas 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 restore and maintain glade openings, blackland prairie, and savanna/woodland communities characteristic of the West Gulf Coastal Plain. The current Management Plan was approved by the Commission on 05/04/07. It is scheduled to be updated for Fiscal Year 2011.

### Stewardship Activities:

ANHC staff performed routine stewardship activities including boundary maintenance and invasive species removal.

**Date of Last Visit:** 9/19/2008

### Status:

Woody invasive plant species were reduced. Field assessments noted no problems.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Allium drummondii</i>	Drummond's wild onion	Plant
<i>Carex microdonta</i>	a caric sedge	Plant
<i>Rhynchospora caduca</i>	falling beakrush	Plant
<i>Solidago auriculata</i>	clasping goldenrod	Plant
<i>Speyeria diana</i>	Diana	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):** 30.013986      **Latitude:** 34.37072      **Longitude:** -91.12373

### Description:

A bottomland hardwood forest long protected from human disturbance, Striplin Woods Natural Area displays considerable diversity over an elevational gradient extending from blufftop down to the margin of the White River. Overcup oak forest occupies the area of the floodplain that constitutes most of the tract. Water hickory, willow oak, and honey locust are the major associate species. 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 bottomland 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.

### Access:

From St. Charles, travel east on State Highway 1. Turn right onto a dirt road that is about 1000 feet from the White River bridge. Travel south to a sign that identifies the natural area. The natural area lies between the road and the river.

### Management Plan:

The conservation vision is to work in conjunction with the U.S. Fish and Wildlife Service to protect representative 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 05/18/06. It will be updated for Fiscal Year 2010.

### Stewardship Activities:

ANHC staff verified that staff from the White River National Wildlife Refuge continued to perform routine stewardship activities and noted that sections of the primitive trail had been washed out by floodwaters this past spring.

**Date of Last Visit:** 4/16/2008

### Status:

Portions of a primitive walking trail were washed away due to flooding. Field assessments noted no other problems.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	Animal
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 (USFWS 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, is a mix of dry glades, mesic woodlands, forests, and native pasture. The terrain is dissected with pine-oak woodlands on the dry slopes and upper west-facing slopes, and an oak-dominated community type on the lower west and east-facing slopes. Sandstone glades found along the ridgetop 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 and restore forest and glade communities characteristic of the Boston Mountains region of the Ozark Mountains, including an 80-foot waterfall with a diverse fern community. The Management Plan was updated and approved by the Commission on 05/21/2008. It will be updated for Fiscal Year 2012.

### Stewardship Activities:

TNC was contracted to conduct a prescribed burn on 140 acres. ANHC staff performed stewardship activities such as invasive species treatments, and trail maintenance. Staff worked with AGFC officials to investigate evidence of elk poaching on the natural area. Staff also periodically monitored for signs of recent artifact poaching. The Management Plan was updated to reflect current status.

**Date of Last Visit:** 9/11/2008

### Status:

Invasive plants were reduced. Evidence of elk poaching was found on the natural area and reported to AGFC officials. Field assessments noted no other problems.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Asplenium pinnatifidum</i>	lobed spleenwort	Plant
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	Plant
<i>Eriocaulon koernickianum</i>	small-headed pipewort	Plant
Ozark-Ouachita Dry-Mesic Oak Forest		Natural Community
<i>Rana sylvatica</i>	wood frog	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>
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 dunes are leveled and ponds are filled throughout the Pleistocene dune fields of the Mississippi Alluvial Plain.

### Access:

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

### Management Plan:

The conservation vision is to protect a complex of Mississippi Alluvial Plain sand pond wetlands and populations of associated species including the federally Endangered pondberry. A management plan is in the process of being written.

### Stewardship Activities:

Ecological goals and stewardship activities are being developed within the context of a conservation vision as part of the Management Plan for this new natural area.

### Date of Last Visit:

### Status:

Initial plant inventory work reported large populations of the federally endangered pondberry.

### Elements of Special

<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>
Sand Ponds 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:** 34.19167      **Longitude:** -91.96904

**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 preserve a remnant of an Arkansas River back-water swamp in the Mississippi Alluvial Plain. The Management Plan was updated and approved by the Commission on 05/21/08. It will be updated for Fiscal Year 2012.

**Stewardship Activities:**

In addition to routine stewardship activities such as boundary and trail maintenance, ANHC staff inspected the area for reoccurrences of Chinese tallow tree (*Sapium sebiferum*). No new plants were found and the plant is considered eradicated from the natural area. The Management Plan was updated to reflect current status. ANHC stewardship staff conducted an invasive species treatment tour for AFC and USFS staff to showcase recent invasive species removal efforts that were funded in part by the USFS.

**Date of Last Visit:** 7/26/2008

**Status:**

On-site monitoring documented the success of continued management practices in controlling targeted invasive species. Beaver impoundments are negatively impacting a portion of the natural area. Field assessments noted no other problems.

**Elements of Special**

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
------------------------	--------------------	------------------------

*None Recorded*

**Acquisition Summary:**

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

## Terre Noire Natural Area

**County Name:** Clark

**Size (in acres):** 415.36

**Latitude:** 34.08687

**Longitude:** -93.17376

### Description:

Terre Noire Natural Area, located in the West Gulf Coastal Plain, is one of the highest-quality blackland prairies remaining in the state. The site is a mosaic of native herbaceous and woody vegetation, and includes little-grazed, high-quality prairie areas, a formerly grazed prairie of somewhat lower quality, and forested areas that illustrate the forest matrix within which the prairie openings existed in southwestern Arkansas. The Natural Heritage Commission and The Nature Conservancy share ownership in portions of this 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 in conjunction with The Nature Conservancy to maintain the natural ecosystem processes necessary to support blackland prairie plant communities characteristic of the West Gulf Coastal Plain. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

### Stewardship Activities:

Grounds maintenance activities were conducted such as installing a new entrance sign, removing over 100 old tires, removing an old deer camp, posting the boundaries of new tracts and monitoring for plant poaching. Staff also treated invasive white sweet clover and trifoliate orange with herbicides. TNC conducted a prescribed burn on 75 acres, designed to control mid- and understory vegetation and torched invasive white sweet clover with propane torches to preclude seed production.

**Date of Last Visit:** 7/9/2008

### Status:

On-site monitoring documented the success of continued management practices in controlling targeted invasive species. A prescribed burn was conducted. Inventory work documented one new tracked plant species.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Astragalus crassicaarpus</i> var. <i>crassicaarpus</i>	a ground plum	Plant
<i>Carex microdonta</i>	a caric sedge	Plant
<i>Diaperia prolifera</i>	rabbit tobacco	Plant
<i>Microstylum morosum</i>	giant prairie robber fly	Animal
<i>Minuartia drummondii</i>	a sandwort	Plant
<i>Scleria verticillata</i>	whorled nutsedge	Plant
<i>Speyeria diana</i>	Diana	Animal
<i>Spiranthes magnicamporum</i>	great plains 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:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Terre Noire 1	NHC has a 66% undivided interest and TNC has a 34% undivided interest in fee	\$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
Terre Noire 3	Fee title	\$20,000.00	\$20,000.00	6/23/2003	Natural and Cultural Resources Council
Terre Noire 4	Fee title	\$243,000.00	\$243,000.00	10/10/2007	Natural and Cultural Resources Council

## Warren Prairie Natural Area

**County Name:** Bradley, Drew      **Size (in acres):** 2,128.56      **Latitude:** 33.57861      **Longitude:** -91.98601

### Description:

Warren Prairie Natural Area, located in the West Gulf Coastal Plain, consists of a mosaic of salt slick barrens, saline prairie, Delta post oak flatwoods, prairie mound woodlands, pine woodlands, and bottomland hardwood forest communities. Soils at the site, containing high amounts of sodium, appear to account for the sparse and irregular distribution of trees and the resultant dominance of grasses and other herbaceous vegetation. Stands of dwarf palmetto are distributed irregularly on the prairie 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*. The potential for Warren Prairie to serve as habitat for the federally endangered red-cockaded woodpecker is being examined. The Nature Conservancy holds title to a single contiguous acre.

### 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 maintain a mosaic of plant communities, a representative saline soil ecosystem, and support the viability of the state's largest population of the federally threatened plant, *Geocarpon minimum*. The Management Plan was updated and approved by the Commission on 09/13/06. It will be updated for Fiscal Year 2010.

### Stewardship Activities:

ANHC staff performed grounds maintenance activities including the installation of a new entrance sign and invasive plant species treatments. An ecological thinning project was initiated on approximately 100 acres to improve habitat for RCWs. Staff also cleaned and maintained RCW nest cavities. TNC was contracted to conduct a prescribed burn on 50 acres and control overstory sweetgum, maple and other hardwoods in the RCW area. ANHC staff viewed the newly acquired tracts as part of a Quality Circle Day fieldtrip. A tour of the natural area was also part of the May commission meeting.

**Date of Last Visit:** 9/26/2008

### Status:

Ecological restoration work improved pine flatwoods habitat structure on the natural area. Field assessments noted no problems.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Ammodramus henslowii</i>	Henslow's Sparrow	Animals
<i>Anthaenantia texana</i>	Kral's silkyscale	Plant
<i>Cladium jamaicense</i>	sawgrass	Plant
<i>Dichantheium dichotomum</i> var. <i>roanokense</i>	forked rosette grass	Plant
<i>Dryopteris ludoviciana</i>	Louisiana wood fern	Plant
<i>Eleocharis microcarpa</i>	a spike rush	Plant
<i>Eleocharis wolfii</i>	Wolf's spike rush	Plant
<i>Eupatorium hyssopifolium</i> var. <i>hyssopifolium</i>	hyssop-leaved boneset	Plant
<i>Evolvulus sericeus</i>	silver dwarf morning glory	Plant
<i>Geocarpon minimum</i>	geocarpon	Plant
<i>Krigia occidentalis</i>	western dwarf dandelion	Plant
<i>Marsilea vestita</i> ssp. <i>vestita</i>	prairie water-clover	Plant
<i>Prenanthes barbata</i>	barbed rattlesnake root	Plant
<i>Rana areolata circulosa</i>	northern crawfish frog	Animal
<i>Regina rigida sinicola</i>	gulf crayfish snake	Animal
<i>Rhynchospora caduca</i>	falling beakrush	Plant



<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Rhynchospora colorata</i>	white top sedge	Plant
<i>Schoenolirion wrightii</i>	Texas sunnysbells	Plant
<i>Solidago nitida</i>	a goldenrod	Plant
<i>Spiranthes lacera var. lacera</i>	northern slender ladies'-tresses	Plant
<i>Sporobolus junceus</i>	pineywoods dropseed	Plant
<i>Symphotrichum pratense</i>	an aster	Plant
West Gulf Coastal Plain Saline Glade		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>
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 (private landowner 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 (Private landowner holds Fee Title)	\$206,000.00	\$206,000.00	12/7/2004	U.S. Fish and Wildlife Service Grant
Warren Prairie 9 (Plum Creek)	Fee title	\$480,600.00	\$480,600.00	1/6/2005	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grants
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

## White Cliffs Natural Area

**County Name:** Little River

**Size (in acres):** 573

**Latitude:** 33.76655

**Longitude:** -94.05895

### Description:

White Cliffs, located in the West Gulf Coastal Plain, possesses significant ecological, historic, and archeological features. On an outcrop of Annona Chalk of Cretaceous age, it takes its name from the 100-foot, near-vertical cliff carved into that chalk by the Little River. A continuum of plant communities reflects a range of elevations at the site from the floodplain to the ridgetop. White Cliffs Natural Area is the site of 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 it is 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 an extensive West Gulf Coastal Plain Annona Chalk outcrop, its associated plant communities, and the adjoining continuum of Blackland forest and prairie plant communities. The Management Plan was updated and approved by the Commission on 05/21/08. It will be updated for Fiscal Year 2012.

### Stewardship Activities:

ANHC staff conducted routine stewardship activities, performed trail maintenance, conducted plant inventories, and maintained boundaries. A contractor monitored public access, opened and closed the gate daily, and removed trash. The Management Plan was updated to reflect current status.

**Date of Last Visit:** 9/26/2008

### Status:

Inventory added to the overall plant list for the natural area. Active public use continues. Field assessments noted no problems.

### Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Allium drummondii</i>	Drummond's wild onion	Plant
<i>Astragalus crassicaarpus</i> var. <i>crassicaarpus</i>	a ground plum	Plant
<i>Astragalus nuttallianus</i> var. <i>nuttallianum</i>	Nuttall's milkvetch	Plant
<i>Carex microdonta</i>	a caric sedge	Plant
<i>Diaperia prolifera</i>	rabbit tobacco	Plant
<i>Haliaeetus leucocephalus</i>	Bald Eagle	Animal
<i>Hexalectris spicata</i> var. <i>spicata</i>	crested coralroot	Plant
<i>Indigofera miniata</i> var. <i>leptosepala</i>	scarlet pea	Plant
<i>Juniperus ashei</i>	Ashe's juniper	Plant
Juniperus ashei Dry Chalk Outcrop Woodland		Natural Community
<i>Liatris squarrosa</i> var. <i>squarrosa</i>	loosescala gayfeather	Plant
<i>Nemastylis geminiflora</i>	celestial lily	Plant
<i>Oenothera spachiana</i>	an evening primrose	Plant
<i>Penstemon cobaea</i>	showy beard-tongue	Plant
<i>Physaria gracilis</i> ssp. <i>gracilis</i>	a bladderpod	Plant
<i>Quercus sinuata</i>	Durand's white oak	Plant
<i>Ruellia humilis</i> var. <i>depauperata</i>	a wild petunia	Plant
<i>Solidago auriculata</i>	clasping goldenrod	Plant
<i>Stenosiphon linifolius</i>	false gaura	Plant

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Tetraopes quinquemaculatus</i>	A Red Milkweed Beetle	Animal
<i>Zephyranthes chlorosolen</i>	rain lily	Plant

**Acquisition Summary:**

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
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:**

A good sample of Crowley's Ridge, where the Tertiary sediments 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. Both plant species occur in Wittsburg Natural Area. American beech and sugar maple are common at this natural area, 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 extremely steep.

**Access:**

There is no public access to this natural area.

**Management Plan:**

The conservation vision is to protect and maintain an example of the distinct flora and geology of Crowley's Ridge. The Management Plan was updated and approved by the Commission on 05/21/08. It will be updated for Fiscal Year 2012.

**Stewardship Activities:**

ANHC staff conducted periodic grounds maintenance activities and discussed plans to alleviate a public access issue with adjacent landowners. Currently, only ANHC staff can access the natural area for management purposes. The Management Plan was updated to reflect current status.

**Date of Last Visit:** 9/30/2008

**Status:**

Access problems continue. Erosion problems also persist due to adjacent gravel mining. Field assessments noted no other problems.

**Elements of Special**

**Scientific Name**

**Common Name**

**Type of Element**

*Obolaria virginica*

Virginia pennywort

Plant

Southern Crowley's Ridge Mesic  
Loess Slope Forest

Natural Community

**Acquisition Summary:**

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
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. The methodologies of the registry changed over time, as officially recorded in the minutes of commission action. 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 for 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 the ANHC's Research and Inventory Section.



Oklahoma grass-pink orchid  
*Calopogon oklahomensis*

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 Research and Inventory Section of the ANHC. 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.

The staff of the Research Section has summarized this information 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.

# Arkansas Counties



## Alphabetical List of Arkansas Counties

County Name	Page No.	County Name	Page No.
Arkansas	2-1	Lee	2-63
Ashley	2-3	Lincoln	2-64
Baxter	2-5	Little River	2-65
Benton	2-7	Logan	2-67
Boone	2-10	Lonoke	2-69
Bradley	2-12	Madison	2-70
Calhoun	2-14	Marion	2-72
Carroll	2-16	Miller	2-74
Chicot	2-18	Mississippi	2-76
Clark	2-19	Monroe	2-77
Clay	2-21	Montgomery	2-78
Cleburne	2-22	Nevada	2-81
Cleveland	2-24	Newton	2-83
Columbia	2-25	Ouachita	2-85
Conway	2-26	Perry	2-87
Craighead	2-27	Phillips	2-88
Crawford	2-28	Pike	2-89
Crittenden	2-29	Poinsett	2-91
Cross	2-30	Polk	2-92
Dallas	2-31	Pope	2-95
Desha	2-32	Prairie	2-97
Drew	2-33	Pulaski	2-99
Faulkner	2-35	Randolph	2-101
Franklin	2-37	Saline	2-104
Fulton	2-39	Scott	2-107
Garland	2-41	Searcy	2-108
Grant	2-43	Sebastian	2-110
Greene	2-44	Sevier	2-111
Hempstead	2-45	Sharp	2-113
Hot Spring	2-47	St. Francis	2-103
Howard	2-49	Stone	2-115
Independence	2-51	Union	2-118
Izard	2-53	Van Buren	2-120
Jackson	2-55	Washington	2-122
Jefferson	2-56	White	2-125
Johnson	2-57	Woodruff	2-126
Lafayette	2-59	Yell	2-127
Lawrence	2-61		

## 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.
- PT** = Proposed Threatened; the U.S. Fish and Wildlife Service has proposed this species for listing as threatened.
- T/SA** = Threatened (or Endangered) because of similarity of appearance.  
**E/SA**

#### 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 scenic and 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.
- WAT** = Watch List Species; The Arkansas Natural Heritage Commission is not conducting active inventory work on these species, however, available information suggests they may be of conservation concern. The ANHC is gathering general information on status and trends of these elements. An “\*” indicates the status of the species will be changed to “INV” if the species is verified as occurring in the state (this typically means the agency has received a verified breeding record for the species).
- MON** = Monitored Species; The Arkansas Natural Heritage Commission is currently monitoring information on these species. These species do not have conservation concerns at present. They may be new species to the state, or species on which additional information is needed. The ANHC is gathering detailed location information on these elements.
- SE** = State Endangered; the Arkansas Natural Heritage Commission applies this term to native plant taxa which are in danger of being extirpated from the state.
- ST** = State Threatened; The Arkansas Natural Heritage Commission applies this term to native plant taxa which are believed likely to become endangered in Arkansas in the foreseeable future, based on current inventory information.

### 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** = Unranked. The global rank not yet 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** = Unranked. The state rank not yet 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
<b>Animals-Invertebrates</b>					
<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	G4	S2
<i>Gryllotalpa major</i>	prairie mole cricket	-	INV	G3	S1S2
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	G2	S2
<i>Laphria vorax</i>	a robberfly	-	INV	GNR	S1
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lucanus elephus</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</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<b>Animals-Vertebrates</b>					
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Cistothorus platensis</i>	Sedge Wren	-	INV	G5	S1B,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 chloropus</i>	Common Moorhen	-	INV	G5	S1B,S2N
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Lampetra appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Lampropeltis triangulum amaura</i>	Louisiana milk snake	-	INV	G5T4	S3
<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>Mugil cephalus</i>	striped mullet	-	INV	G5	S1?
<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 martinica</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	S2B,S3N
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
<b>Plants-Vascular</b>					
<i>Agalinis homalantha</i>	San Antonio false-foxglove	-	INV	G5	S1
<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	G4?	S2
<i>Carex opaca</i>	a caric sedge	-	SE	G5T4	S2S3

Arkansas County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Eleocharis wolfii</i>	Wolf's spike rush	-	INV	G3G4	S3
<i>Eustoma exaltatum</i> ssp. <i>exaltatum</i>	catchfly prairie gentian	-	INV	GNRT4T5	S2
<i>Gymnopogon brevifolius</i>	shortleaf skeletongrass	-	INV	G5	S2
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Marsilea vestita</i> ssp. <i>vestita</i>	prairie water-clover	-	INV	G5T5	S3
<i>Oenothera pilosella</i> ssp. <i>sessilis</i>	prairie evening primrose	-	ST	G5T2	S2
<i>Platanthera flava</i> var. <i>flava</i>	southern tubercled-orchid	-	ST	G4T4?Q	S2S3
<i>Platanthera nivea</i>	snowy orchid	-	SE	G5	SH
<i>Pycnanthemum verticillatum</i>	Whorled Mountain-mint	-	INV	G5	SNR
<i>Sporobolus junceus</i>	pineywoods dropseed	-	ST	G5	S1S2
<i>Thalictrum arkansanum</i>	Arkansas meadow rue	-	ST	G2Q	S2
<i>Tillandsia usneoides</i>	Spanish moss	-	INV	G5	S3
<b>Special Elements-Natural Communities</b>					
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
<b>Special Elements-Other</b>					
Colonial nesting site, swallows & swifts		-	INV	GNR	SNR
Colonial nesting site, water birds		-	INV	GNR	SNR

10/25/2008

**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
<b>Animals-Invertebrates</b>					
<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	INV	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lucanus elephus</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>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	INV	G1	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
<b>Animals-Vertebrates</b>					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<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 milk snake	-	INV	G5T4	S3
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green water snake	-	INV	G5	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	INV	G3	S2
<i>Pteronotropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<b>Plants-Vascular</b>					
<i>Aletris aurea</i>	golden colicroot	-	INV	G5	S1S2
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G4?	S2
<i>Carex glaucescens</i>	a caric sedge	-	INV	G4	S1
<i>Carex leptalea var. harperi</i>	threadstem caric sedge	-	INV	G5T4T5	S2S3
<i>Carex striatula</i>	a caric sedge	-	INV	G4G5	S3S4
<i>Coelorachis rugosa</i>	wrinkled jointgrass	-	INV	G5	S2
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Eleocharis tortilis</i>	twisted spike rush	-	INV	G5	S1
<i>Eryngium integrifolium</i>	blue-flowered eryngo	-	INV	G5	S2
<i>Habenaria repens</i>	water-spider orchid	-	INV	G5	S2
<i>Hypericum denticulatum</i>	coppery St. Johnswort	-	INV	G5	S1

Ashely County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Hypericum nudiflorum</i>	early St. Johnswort	-	INV	G5	S1S2
<i>Krigia occidentalis</i>	western dwarf dandelion	-	INV	G5	S3
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2	S2
<i>Marsilea vestita ssp. vestita</i>	prairie water-clover	-	INV	G5T5	S3
<i>Mitreola sessilifolia</i>	swamp hornpod	-	INV	G4G5	S2
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening primrose	-	ST	G5T2	S2
<i>Ophioglossum nudicaule</i>	least adder's-tongue fern	-	INV	G5	S2S3
<i>Platanthera flava var. flava</i>	southern tubercled-orchid	-	ST	G4T4?Q	S2S3
<i>Polygala nana</i>	bachelor's button	-	INV	G5	S2S3
<i>Schoenolirion wrightii</i>	Texas sunnysbells	-	ST	G3	S2S3
<i>Seymeria cassioides</i>	seymeria	-	INV	G5	S1
<i>Solidago nitida</i>	a goldenrod	-	INV	G4?	S3
<i>Spiranthes ovalis var. ovalis</i>	southern oval ladies'-tresses	-	INV	G5?T3T4	S2S3
<i>Sporobolus pyramidatus</i>	whorled dropseed	-	ST	G5	S2
<i>Stylisma aquatica</i>	water dawnflower	-	INV	G4	S1S2
<i>Tillandsia usneoides</i>	Spanish moss	-	INV	G5	S3
<b>Special Elements-Natural Communities</b>					
Lower Mississippi Alluvial Plain Grand Prairie		-	INV	GNR	SNR
Lowland pine-oak forest		-	INV	GNR	S1
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
West Gulf Coastal Plain Saline Glade		-	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
<b>Animals-Invertebrates</b>					
<i>Arrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S1?
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S1?
<i>Epioblasma triquetra</i>	snuffbox	-	INV	G3	S1
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	G2	S2
<i>Somatogyus crassilabris</i>	thickclipped pebblesnail	-	INV	GX	SX
<b>Animals-Vertebrates</b>					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Cryptobranchus alleganiensis bishopi</i>	Ozark Hellbender	C	INV	G3G4T2Q	S2
<i>Cyprinella camura</i>	blunface shiner	-	INV	G5	SH
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lampetra appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Rana sylvatica</i>	wood frog	-	INV	G5	S3
<i>Typhlichthys subterraneus</i>	southern cavefish	-	INV	G4	S1
<b>Plants-Vascular</b>					
<i>Acalypha deamii</i>	Deam's copperleaf	-	INV	G4?	S1
<i>Arabis shortii</i> var. <i>shortii</i>	Short's rockcress	-	INV	G5T5	S1
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Arnoglossum reniforme</i>	great Indian plantain	-	INV	G4	S2
<i>Brickellia grandiflora</i>	tassel flower	-	INV	G5	S2
<i>Carex careyana</i>	Carey's caric sedge	-	INV	G4G5	S3
<i>Carex davisii</i>	Davis' caric sedge	-	INV	G4	S3
<i>Carex gracillima</i>	graceful caric sedge	-	INV	G5	S1
<i>Carex gravida</i>	a caric sedge	-	INV	G5	S2S3
<i>Carex hirtifolia</i>	a caric sedge	-	INV	G5	S3
<i>Carex hitchcockiana</i>	Hitchcock's caric sedge	-	INV	G5	S1S2
<i>Carex laxiflora</i>	a caric sedge	-	INV	G5	S3
<i>Carex leptalea</i> var. <i>harperi</i>	threadstem caric sedge	-	INV	G5T4T5	S2S3
<i>Carex mesochorea</i>	a caric sedge	-	INV	G4G5	S2
<i>Carex shortiana</i>	Short's caric sedge	-	INV	G5	S2
<i>Carex sparganioides</i>	a caric sedge	-	INV	G5	S3
<i>Carex suberecta</i>	a caric sedge	-	INV	G4	S2
<i>Carex timida</i>	a caric sedge	-	INV	G2G3	S2S3
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Cheilanthes eatonii</i>	Eaton's lip fern	-	INV	G5?	SH
<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>	giant wood fern	-	INV	G4	S1
<i>Dryopteris x australis</i>	southern hybrid log fern	-	INV	GNA	S1

**Baxter County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Dryopteris x leedsii</i>	Leed's hybrid log fern	-	INV	GNA	S1
<i>Echinacea paradoxa var. paradoxa</i>	Bush's yellow coneflower	-	ST	G2T2	S2
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Euonymus obovatus</i>	running strawberry bush	-	INV	G5	S3
<i>Evolvulus nuttallianus</i>	Nuttall's dwarf morning glory	-	INV	G5	S3
<i>Heuchera parviflora var. puberula</i>	alumroot	-	INV	G4T3T4	S3
<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 club-moss	-	INV	G5	S2S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Juniperus ashei</i>	Ashe's juniper	-	INV	G5	S3
<i>Leavenworthia uniflora</i>	glade cress	-	INV	G4	S3
<i>Melanthium woodii</i>	false hellebore	-	INV	G5	S3
<i>Mentha arvensis</i>	field mint	-	INV	G5	S1
<i>Mimulus ringens var. ringens</i>	monkey flower	-	INV	G5T5	S1S2
<i>Mitella diphylla</i>	two-leaf bishop's cap	-	INV	G5	S2
<i>Parnassia grandifolia</i>	large-leaved grass-of-Parnassus	-	INV	G3	S3
<i>Pediomelum esculentum</i>	prairie turnip	-	INV	G5	S2
<i>Penstemon cobaea</i>	showy beard-tongue	-	INV	G4	S3
<i>Phacelia gilioides</i>	hairy scorpionweed	-	INV	G5	S2S3
<i>Plantago cordata</i>	heartleaf plantain	-	ST	G4	S2
<i>Prenanthes crepidinea</i>	nodding rattlesnake-root	-	INV	G4	S1
<i>Ranunculus aquatilis var. diffusus</i>	white water crowfoot	-	INV	G5T5	S2S3
<i>Rhynchospora capillacea</i>	capillary beakrush	-	INV	G4	S2
<i>Scutellaria bushii</i>	Bush's skullcap	-	ST	G3	S2
<i>Silene ovata</i>	ovate-leaved catchfly	-	ST	G3	S3
<i>Solidago ptarmicoides</i>	white-flowered 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>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Viola canadensis var. canadensis</i>	Canada violet	-	INV	G5T5	S2
<i>Zannichellia palustris</i>	horned pondweed	-	INV	G5	S2S3
<b>Special Elements-Natural Communities</b>					
Central Interior Highlands Calcareous Glade and Barrens		-	INV	GNR	SNR
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S1?
<i>Caecidotea steevesi</i>	an isopod	-	INV	G3G4	S1?
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S1?
<i>Cambarus aculabrum</i>	a crayfish	LE	INV	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>Hydroporus sulphurius</i>	Sulphur Springs Hydroporus Diving Beetle	-	INV	G1?	S1?
<i>Lampsilis rafinesqueana</i>	Neosho mucket	C	INV	G2	S1
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lucanus elephus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Nicrophorus americanus</i>	American burying beetle	LE	INV	G2G3	S1
<i>Orconectes meeki brevis</i>	a crayfish	-	INV	G4T3	S1
<i>Orconectes nana</i>	a crayfish	-	INV	G3	S2
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Speyeria idalia</i>	Regal Fritillary	-	INV	G3	S1
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S1
<i>Trigenotyia parca</i>	a cave obligate millipede	-	INV	G1G2	S1
<i>Venustaconcha ellipsiformis</i>	ellipse	-	INV	G4	S1
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Amblyopsis rosae</i>	Ozark cavefish	LT	INV	G3	S1
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Cistothorus platensis</i>	Sedge Wren	-	INV	G5	S1B,S4N
<i>Etheostoma cragini</i>	Arkansas darter	C	INV	G3G4	S1
<i>Etheostoma microperca</i>	least darter	-	INV	G5	S1
<i>Eumeces obsoletus</i>	Great Plains skink	-	INV	G5	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Eurycea tynerenensis</i>	Oklahoma salamander	-	INV	G3	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lepus californicus</i>	black-tailed jackrabbit	-	INV	G5	S1S2
<i>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Myotis sodalis</i>	Indiana bat	LE	INV	G2	S1
<i>Nocomis asper</i>	redspot chub	-	INV	G4	S2?
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Rana sylvatica</i>	wood frog	-	INV	G5	S3
<i>Reithrodontomys montanus</i>	plains harvest mouse	-	INV	G5	S1
<i>Sonora semiannulata</i>	ground snake	-	INV	G5	SH
<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	S2B,S3N



Benton County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Plants-Vascular</b>					
<i>Acer saccharum</i> var. <i>nigrum</i>	black maple	-	INV	G5	S1S2
<i>Amorpha canescens</i>	leadplant	-	INV	G5	S1
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Arnoglossum reniforme</i>	great Indian plantain	-	INV	G4	S2
<i>Asclepias incarnata</i> ssp. <i>incarnata</i>	northern swamp milkweed	-	INV	G5T5	S2
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Asplenium x kentuckiense</i>	Kentucky hybrid 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	G4?	S2
<i>Carex buxbaumii</i>	Buxbaum's caric sedge	-	INV	G5	S1
<i>Carex conjuncta</i>	a caric sedge	-	INV	G4G5	S1
<i>Carex conoidea</i>	a caric sedge	-	INV	G5	S1
<i>Carex davisii</i>	Davis' caric sedge	-	INV	G4	S3
<i>Carex mesochorea</i>	a caric sedge	-	INV	G4G5	S2
<i>Carex opaca</i>	a caric sedge	-	SE	G5T4	S2S3
<i>Carex prasina</i>	drooping caric sedge	-	INV	G4	SH
<i>Carex scoparia</i> var. <i>scoparia</i>	a caric sedge	-	INV	G5T5	S1S2
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Collinsia verna</i>	blue-eyed Mary	-	INV	G5	S1
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Desmodium illinoense</i>	Illinois tick trefoil	-	INV	G5	S2
<i>Eleocharis wolfii</i>	Wolf's spike rush	-	INV	G3G4	S3
<i>Eriocaulon koemickianum</i>	small-headed pipewort	-	SE	G2	S2
<i>Erysimum capitatum</i> var. <i>capitatum</i>	western wallflower	-	INV	G5T5	S2
<i>Eurybia furcata</i>	forked wood aster	-	ST	G3	SH
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Juniperus ashei</i>	Ashe's juniper	-	INV	G5	S3
<i>Melanthium woodii</i>	false hellebore	-	INV	G5	S3
<i>Muhlenbergia bushii</i>	nodding muhly	-	INV	G5	S2
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Photinia melanocarpa</i>	black chokeberry	-	INV	G5	S1
<i>Scleria muehlenbergii</i>	Muhlenberg's nutsedge	-	INV	G5	S1S2
<i>Silene ovata</i>	ovate-leaved catchfly	-	ST	G3	S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Solidago ptarmicoides</i>	white-flowered goldenrod	-	INV	G5	S1S2
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Symphotrichum sericeum</i>	silky aster	-	INV	G5	S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Trillium pusillum</i> var. <i>ozarkanum</i>	Ozark least trillium	-	INV	G3T3	S3
<i>Ulmus thomasii</i>	rock elm	-	INV	G5	S2
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3

**Benton County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<b>Special Elements-Natural Communities</b>					
	Cave Stream	-	INV	GNR	SNR
	Ozark Prairie and Woodland	-	INV	GNR	SNR
	Spring-Ozark Mountains	-	INV	GNR	SNR
<b>Special Elements-Other</b>					
	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
<b>Animals-Invertebrates</b>					
<i>Arrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Bombus fervidus</i>	golden northern bumblebee	-	INV	GNR	S1
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S1?
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S1?
<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>Laphria vorax</i>	a robberfly	-	INV	GNR	S1
<i>Lirceus bidentatus</i>	An Isopod	-	INV	G1?	S1?
<i>Orconectes williamsi</i>	William's crayfish	-	INV	G3	S1
<b>Animals-Vertebrates</b>					
<i>Empidonax traillii</i>	Willow Flycatcher	-	INV	G5	S1B,S3N
<i>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
<b>Plants-Vascular</b>					
<i>Amorpha canescens</i>	leadplant	-	INV	G5	S1
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G4?	S2
<i>Carex bicknellii</i>	a caric sedge	-	INV	G5	S1
<i>Carex gravida</i>	a caric sedge	-	INV	G5	S2S3
<i>Carex opaca</i>	a caric sedge	-	SE	G5T4	S2S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Echinacea paradoxa var. paradoxa</i>	Bush's yellow coneflower	-	ST	G2T2	S2
<i>Erythronium mesochoreum</i>	prairie trout lily	-	INV	G4G5	S1S2
<i>Evolvulus nuttallianus</i>	Nuttall's dwarf morning glory	-	INV	G5	S3
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Helianthus pauciflorus ssp. pauciflorus</i>	prairie sunflower	-	INV	G5T5?	S1
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Juniperus ashei</i>	Ashe's juniper	-	INV	G5	S3
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Pediomelum esculentum</i>	prairie turnip	-	INV	G5	S2
<i>Penstemon cobaea</i>	showy beard-tongue	-	INV	G4	S3
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Potentilla arguta</i>	tall cinquefoil	-	ST	G5	S1S2
<i>Sida elliottii</i>	a 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>Symphotrichum sericeum</i>	silky aster	-	INV	G5	S2
<i>Trillium pusillum var. ozarkanum</i>	Ozark least trillium	-	INV	G3T3	S3
<i>Viburnum molle</i>	soft-leaved arrow-wood	-	INV	G5	S1

**Boone County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Viola pedatifida</i>	prairie violet	-	INV	G5	S2
<i>Zephyranthes chlorosolen</i>	rain lily	-	INV	G5	S1S2
<i>Zizia aptera</i>	golden Alexanders	-	INV	G5	S1S3
<b>Special Elements-Natural Communities</b>					
Central Interior Highlands Calcareous Glade and Barrens		-	INV	GNR	SNR
Ozark Prairie and Woodland		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	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	G5	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</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	INV	G1	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	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>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Lampropeltis triangulum amaura</i>	Louisiana milk snake	-	INV	G5T4	S3
<i>Nerodia cyclopiion</i>	Mississippi green water snake	-	INV	G5	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	INV	G3	S2
<i>Pteronotropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Rana areolata circulosa</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<b>Plants-Vascular</b>					
<i>Alophia drummondii</i>	purple pleat-leaf	-	INV	G4	S2
<i>Anthaenania texana</i>	Kral's silkscale	-	INV	G3G4	S3
<i>Chamaelirium luteum</i>	devil's bit	-	INV	G5	S3
<i>Cladium jamaicense</i>	sawgrass	-	INV	G5T5	SH
<i>Coelorachis rugosa</i>	wrinkled jointgrass	-	INV	G5	S2
<i>Dichanthelium dichotomum var. roanokense</i>	forked rosette grass	-	INV	G5T4?	S1
<i>Dryopteris ludoviciana</i>	Louisiana wood fern	-	INV	G4	S1
<i>Eleocharis tortilis</i>	twisted spike rush	-	INV	G5	S1
<i>Eleocharis wolfii</i>	Wolf's spike rush	-	INV	G3G4	S3
<i>Eupatorium hyssopifolium var. hyssopifolium</i>	hyssop-leaved boneset	-	INV	G5T5	S3
<i>Evolvulus sericeus</i>	silver dwarf morning glory	-	ST	G5	S1

**Bradley County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Gentiana saponaria</i> var. <i>saponaria</i>	soapwort gentian	-	INV	G5T5	S3
<i>Geocarpon minimum</i>	geocarpon	LT	SE	G2	S2
<i>Krigia occidentalis</i>	western dwarf dandelion	-	INV	G5	S3
<i>Lycopodiella alopecuroides</i>	foxtail bog club-moss	-	INV	G5	S1
<i>Lycopodiella appressa</i>	appressed bog club-moss	-	INV	G5	S3
<i>Marsilea vestita</i> ssp. <i>vestita</i>	prairie water-clover	-	INV	G5T5	S3
<i>Mitreola sessilifolia</i>	swamp hornpod	-	INV	G4G5	S2
<i>Platanthera cristata</i>	yellow crested-orchid	-	INV	G5	S1S2
<i>Polygala nana</i>	bachelor's button	-	INV	G5	S2S3
<i>Prenanthes barbata</i>	barbed rattlesnake root	-	INV	G3	S2
<i>Pseudolycopodiella caroliniana</i>	Carolina bog club-moss	-	INV	G5T4	S1
<i>Rhynchospora caduca</i>	falling beakrush	-	INV	G5	S2S3
<i>Rhynchospora colorata</i>	white top sedge	-	SE	G5	S1
<i>Rhynchospora gracilentia</i>	slender beakrush	-	INV	G5	S2
<i>Rhynchospora rariflora</i>	fewflower beakrush	-	ST	G5	S1S2
<i>Schoenolirion wrightii</i>	Texas sunnybells	-	ST	G3	S2S3
<i>Seymeria cassioides</i>	seymeria	-	INV	G5	S1
<i>Solidago nitida</i>	a goldenrod	-	INV	G4?	S3
<i>Spiranthes lacera</i> var. <i>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>Symphyotrichum pratense</i>	an aster	-	ST	G4?	S2
<i>Xyris ambigua</i>	a yellow-eyed grass	-	INV	G5	SNR

**Special Elements-Natural Communities**

Lowland oak-hickory forest	-	INV	GNR	S1
Lowland oak-sweetgum forest	-	INV	GNR	S1
West Gulf Coastal Plain Lowland Sand Prairie	-	INV	GNR	SNR
West Gulf Coastal Plain Saline Glade	-	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
<b>Animals-Invertebrates</b>					
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	INV	G1	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	G2	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	INV	G1	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<b>Animals-Vertebrates</b>					
<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>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	INV	G3	S2
<i>Plethodon kisatchie</i>	Louisiana slimy salamander	-	INV	G3G4Q	S2
<i>Pteronotropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<b>Plants-Vascular</b>					
<i>Alophia drummondii</i>	purple pleat-leaf	-	INV	G4	S2
<i>Andropogon virginicus var. glaucus</i>	broomsedge	-	INV	G5T4T5	SNR
<i>Anthaenantia texana</i>	Kral's silkyscale	-	INV	G3G4	S3
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Carex glaucescens</i>	a caric sedge	-	INV	G4	S1
<i>Coelorachis rugosa</i>	wrinkled jointgrass	-	INV	G5	S2
<i>Cyperus haspan</i>	soft flatsedge	-	INV	G5	S2
<i>Dichanthelium scabriusculum</i>	woolly rosette grass	-	INV	G4	S1S2
<i>Drosera capillaris</i>	A Sundew	-	INV	G5	SNR
<i>Eleocharis microcarpa</i>	a spike rush	-	INV	G5	S3S4
<i>Eleocharis tortilis</i>	twisted spike rush	-	INV	G5	S1
<i>Eleocharis wolfii</i>	Wolf's spike rush	-	INV	G3G4	S3
<i>Eriocaulon decangulare</i>	hatpins	-	INV	G5	S1S2
<i>Eriocaulon koernickianum</i>	small-headed pipewort	-	SE	G2	S2
<i>Eryngium integrifolium</i>	blue-flowered eryngo	-	INV	G5	S2
<i>Eupatorium hyssopifolium var. hyssopifolium</i>	hyssop-leaved boneset	-	INV	G5T5	S3
<i>Fuirena bushii</i>	Bush's umbrella-grass	-	INV	G5	S3
<i>Lycopodiella alopecuroides</i>	foxtail bog club-moss	-	INV	G5	S1
<i>Lycopodiella appressa</i>	appressed bog club-moss	-	INV	G5	S3
<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>	yellow crested-orchid	-	INV	G5	S1S2
<i>Pogonia ophioglossoides</i>	rose pogonia	-	ST	G5	S2
<i>Polygala nana</i>	bachelor's button	-	INV	G5	S2S3

Calhoun County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Prenanthes barbata</i>	barbed rattlesnake root	-	INV	G3	S2
<i>Pseudolycopodiella caroliniana</i>	Carolina bog club-moss	-	INV	G5T4	S1
<i>Ptilimnium costatum</i>	mock bishop weed	-	INV	G4	S1
<i>Rhynchospora caduca</i>	falling beakrush	-	INV	G5	S2S3
<i>Rhynchospora gracilentia</i>	slender beakrush	-	INV	G5	S2
<i>Rhynchospora plumosa</i>	a beakrush	-	INV	G5	S1
<i>Rhynchospora rariflora</i>	fewflower beakrush	-	ST	G5	S1S2
<i>Sabatia campanulata</i>	slender marsh-pink	-	SE	G5	S1
<i>Sabatia gentianoides</i>	pinewoods rose-gentian	-	INV	G4G5	S1
<i>Schoenolirion wrightii</i>	Texas sunnybells	-	ST	G3	S2S3
<i>Scleria muehlenbergii</i>	Muhlenberg's nutsedge	-	INV	G5	S1S2
<i>Smilax walteri</i>	redberry greenbrier	-	INV	G5	S2S3
<i>Solidago nitida</i>	a goldenrod	-	INV	G4?	S3
<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>	a yellow-eyed grass	-	INV	G5	SNR
<i>Xyris baldwiniana</i>	a yellow-eyed grass	-	ST	G5	S1
<i>Xyris difformis</i> var. <i>curtissii</i>	a yellow-eyed grass	-	INV	G5T5	S1
<b>Special Elements-Natural Communities</b>					
Cypress swamp		-	INV	GNR	S3
Lowland pine-oak forest		-	INV	GNR	S1
West Gulf Coastal Plain 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
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Allocapnia jeanae</i>	a winter stonefly	-	INV	G2	S1?
<i>Caecidotea macropropoda</i>	bat cave isopod	-	INV	G2G3	S1
<i>Caecidotea steevesi</i>	an isopod	-	INV	G3G4	S1?
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S1?
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Epioblasma triquetra</i>	snuffbox	-	INV	G3	S1
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Ophiogomphus westfalli</i>	Ozark snaketail dragonfly	-	INV	G3	S1S2
<i>Orconectes williamsi</i>	William's crayfish	-	INV	G3	S1
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	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
<b>Animals-Vertebrates</b>					
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Eumeces obsoletus</i>	Great Plains skink	-	INV	G5	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Nocomis asper</i>	redspot chub	-	INV	G4	S2?
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Rana sylvatica</i>	wood frog	-	INV	G5	S3
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
<b>Plants-Vascular</b>					
<i>Agalinis auriculata</i>	earleaf false-foxglove	-	INV	G3	S1
<i>Amorpha canescens</i>	leadplant	-	INV	G5	S1
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Asclepias stenophylla</i>	narrowleaf 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 microdonta</i>	a caric sedge	-	INV	G4	S2S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Chamaesyce missurica</i>	Missouri spurge	-	INV	G5	S2
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Echinacea paradoxa var. paradoxa</i>	Bush's yellow coneflower	-	ST	G2T2	S2
<i>Evolvulus nuttallianus</i>	Nuttall's dwarf morning glory	-	INV	G5	S3
<i>Juniperus ashei</i>	Ashe's juniper	-	INV	G5	S3
<i>Leavenworthia uniflora</i>	glade cress	-	INV	G4	S3
<i>Liatris scariosa var. nieuwlandii</i>	northern gayfeather	-	INV	G5?T3T5	SH
<i>Marshallia caespitosa var. caespitosa</i>	Barbara's buttons	-	INV	G4T4	S2
<i>Melanthium woodii</i>	false hellebore	-	INV	G5	S3
<i>Mimulus floribundus</i>	yellow monkey flower	-	INV	G5	S2S3

**Carroll County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Minuartia michauxii</i>	rock sandwort	-	INV	G5	S1
<i>Pedimelum esculentum</i>	prairie turnip	-	INV	G5	S2
<i>Penstemon cobaea</i>	showy beard-tongue	-	INV	G4	S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Phyllanthus polygonoides</i>	knotweed leaf-flower	-	INV	G5	S1
<i>Trillium pusillum var. ozarkanum</i>	Ozark least trillium	-	INV	G3T3	S3
<i>Ulmus thomasii</i>	rock elm	-	INV	G5	S2
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Zizia aptera</i>	golden Alexanders	-	INV	G5	S1S3

**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**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<b>Animals-Invertebrates</b>					
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<b>Animals-Vertebrates</b>					
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Gallinula chloropus</i>	Common Moorhen	-	INV	G5	S1B,S2N
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green water snake	-	INV	G5	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Rana areolata circulosa</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Riparia riparia</i>	Bank Swallow	-	INV	G5	S2B,S3N
<i>Scaphiopus holbrookii</i>	eastern spadefoot	-	INV	G5	S2
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Agalinis homalantha</i>	San Antonio false-foxglove	-	INV	G5	S1
<i>Eryngium hookeri</i>	Hooker's eryngo	-	INV	G3G5	S1
<i>Malus coronaria</i>	a crabapple	-	INV	G5	S2S3
<i>Paspalum praecox</i>	early paspalum	-	INV	G4	S1S2
<i>Tillandsia usneoides</i>	Spanish moss	-	INV	G5	S3
<b>Special Elements-Natural Communities</b>					
Mississippi River Riparian Forest		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	INV	G1	S1
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Fallicambarus jeanae</i>	a crayfish	-	INV	G2	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	G2	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	INV	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	G5	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>Obovaria subrotunda</i>	round hickorynut	-	INV	G4	S1
<i>Orconectes menae</i>	a crayfish	-	INV	G3	S3
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Procambarus parasimulans</i>	a crayfish	-	INV	G4	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	INV	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	-	INV	G3G4	S2S3
<i>Tetraloniella albata</i>	white long-horned bee	-	INV	GNR	S1
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Alosa alabamae</i>	Alabama shad	-	INV	G3	S1S2
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	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>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lampetra appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Lampropeltis triangulum amaura</i>	Louisiana milk snake	-	INV	G5T4	S3
<i>Mugil cephalus</i>	striped mullet	-	INV	G5	S1?
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	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>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR

Clark County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	INV	G3	S2
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Pteronotropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<b>Plants-Vascular</b>					
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Astragalus crassicaarpus var. crassicaarpus</i>	a ground plum	-	INV	G5T5	S2
<i>Carex microdonta</i>	a caric sedge	-	INV	G4	S2S3
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Diaperia prolifera</i>	rabbit tobacco	-	INV	G5	S1S3
<i>Liatris compacta</i>	Ouachita blazing star	-	INV	G5T3	S3
<i>Lycopodiella appressa</i>	appressed bog club-moss	-	INV	G5	S3
<i>Lycopodiella prostrata</i>	prostrate bog club-moss	-	INV	G5	S1
<i>Minuartia drummondii</i>	a sandwort	-	INV	G5	S2S3
<i>Physaria gracilis ssp. gracilis</i>	a bladderpod	-	INV	G5T4	S1
<i>Pseudolycopodiella caroliniana</i>	Carolina bog club-moss	-	INV	G5T4	S1
<i>Quercus arkansana</i>	Arkansas oak	-	INV	G3	S3
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Rhynchospora caduca</i>	falling beakrush	-	INV	G5	S2S3
<i>Scleria verticillata</i>	whorled nutsedge	-	ST	G5	S1
<i>Spiranthes magnicamporum</i>	great plains ladies'-tresses	-	INV	G4	SNR
<i>Spiranthes ovalis var. erostellata</i>	northern oval ladies'-tresses	-	INV	G5?T4?	S1
<i>Stenosiphon linifolius</i>	false gaura	-	ST	G5	S1
<i>Xyris difformis var. difformis</i>	a yellow-eyed grass	-	INV	G5T5	S2
<b>Special Elements-Natural Communities</b>					
Blackland prairie		-	INV	GNR	S1
Juniper-hardwood woodland		-	INV	GNR	S4
Lowland pine-oak forest		-	INV	GNR	S1
West Gulf Coastal Plain Northern Calcareous Prairie		-	INV	GNR	SNR
West Gulf Coastal Plain Saline Glade		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<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	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	G5	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<b>Animals-Vertebrates</b>					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	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	G3G4Q	S3S4
<i>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis lucifugus</i>	little brown bat	-	MON	G5	S3
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Notropis sabiniae</i>	sabine shiner	-	INV	G4	S2?
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Pseudacris illinoensis</i>	Illinois chorus frog	-	INV	G3	S1
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
<i>Umbra limi</i>	central mudminnow	-	INV	G5	SH
<b>Plants-Vascular</b>					
<i>Gentiana saponaria</i> var. <i>saponaria</i>	soapwort gentian	-	INV	G5T5	S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2	S2
<i>Magnolia macrophylla</i>	bigleaf magnolia	-	SE	G5	S1
<i>Oenothera pilosella</i> ssp. <i>sessilis</i>	prairie evening primrose	-	ST	G5T2	S2
<i>Platanthera flava</i> var. <i>herbiola</i>	northern tubercled-orchid	-	ST	G4T4Q	S1
<i>Platanthera peramoena</i>	purple fringeless-orchid	-	ST	G5	S2
<i>Quercus coccinea</i>	scarlet oak	-	INV	G5	S2S3
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Scirpus divaricatus</i>	bulrush	-	INV	G5	SH
<i>Sium suave</i>	water parsnip	-	INV	G5	S1S3
<i>Uvularia perfoliata</i>	perfoliate bellwort	-	INV	G5	S3
<b>Special Elements-Natural Communities</b>					
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
<b>Animals-Invertebrates</b>					
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lampsilis streckeri</i>	speckled pocketbook	LE	INV	G1Q	S1
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Nicrophorus americanus</i>	American burying beetle	LE	INV	G2G3	S1
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<b>Animals-Vertebrates</b>					
<i>Accipiter striatus</i>	Sharp-shinned Hawk	-	INV	G5	S1S2B
<i>Etheostoma moorei</i>	yellowcheek darter	C	INV	G1	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hemidactylium scutatum</i>	four-toed salamander	-	INV	G5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<b>Plants-Vascular</b>					
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Carex gracilescens</i>	a caric sedge	-	INV	G5?	S2
<i>Carex radiata</i>	a caric sedge	-	INV	G4	S1
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Claytonia ozarkensis</i>	Ozark spring beauty	-	INV	G1G3Q	S2
<i>Deschampsia flexuosa</i>	crinkled hairgrass	-	INV	G5	S2S3
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Gentiana saponaria var. saponaria</i>	soapwort gentian	-	INV	G5T5	S3
<i>Heuchera parviflora var. puberula</i>	alumroot	-	INV	G4T3T4	S3
<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 geminiflora</i>	celestial lily	-	INV	G4	S3
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Philadelphus hirsutus</i>	mock orange	-	INV	G5	S2S3
<i>Podostemum ceratophyllum</i>	riverweed	-	INV	G5	S3
<i>Quercus coccinea</i>	scarlet oak	-	INV	G5	S2S3
<i>Sedum ternatum</i>	woodland stonecrop	-	INV	G5	S3
<i>Selaginella arenicola ssp. riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Silene ovata</i>	ovate-leaved catchfly	-	ST	G3	S3
<i>Sium suave</i>	water parsnip	-	INV	G5	S1S3
<i>Smilax ecirrata</i>	carrion-flower	-	INV	G5?	SH
<i>Solidago ptarmicoides</i>	white-flowered goldenrod	-	INV	G5	S1S2
<i>Thelypteris noveboracensis</i>	New York fern	-	INV	G5	S3
<i>Trichomanes boschianum</i>	Appalachian filmy fern	-	ST	G4	S2S3

**Cleburne County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<b>Special Elements-Natural Communities</b>					
Central Interior Highlands & Appalachian Sinkhole & DepressionPond		-	INV	GNR	SNR
South-Central Interior Large Floodplain		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Fallicambarus gilpini</i>	a crayfish	-	INV	G1	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	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	G5	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>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	INV	G1	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<b>Animals-Vertebrates</b>					
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	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	INV	G3	S2
<b>Plants-Vascular</b>					
<i>Anthaenantia texana</i>	Kral's silkyscale	-	INV	G3G4	S3
<i>Eleocharis microcarpa</i>	a spike rush	-	INV	G5	S3S4
<i>Eleocharis wolfii</i>	Wolf's spike rush	-	INV	G3G4	S3
<i>Gentiana saponaria var. saponaria</i>	soapwort gentian	-	INV	G5T5	S3
<i>Geocarpon minimum</i>	geocarpon	LT	SE	G2	S2
<i>Krigia occidentalis</i>	western dwarf dandelion	-	INV	G5	S3
<i>Minuartia drummondii</i>	a sandwort	-	INV	G5	S2S3
<i>Prenanthes barbata</i>	barbed rattlesnake root	-	INV	G3	S2
<i>Schoenolirion wrightii</i>	Texas sunnybells	-	ST	G3	S2S3
<i>Solidago nitida</i>	a goldenrod	-	INV	G4?	S3
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Symphotrichum pratense</i>	an aster	-	ST	G4?	S2
<b>Special Elements-Natural Communities</b>					
Lowland oak-hickory forest		-	INV	GNR	S1
Lowland oak-sweetgum forest		-	INV	GNR	S1
West Gulf Coastal Plain 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
<b>Animals-Invertebrates</b>					
<i>Bouchardina robisoni</i>	a crayfish	-	INV	G1	S1
<i>Leuctra paleo</i>	Arkansas needlety	-	INV	G2	S1
<i>Lucanus elephus</i>	giant stag beetle	-	INV	G3G5	S2
<b>Animals-Vertebrates</b>					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	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>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Nerodia cyclopion</i>	Mississippi green water snake	-	INV	G5	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Noturus phaeus</i>	brown madtom	-	INV	G4	SH
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	INV	G3	S2
<i>Reithrodontomys humulis</i>	eastern harvest mouse	-	INV	G5	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<b>Plants-Vascular</b>					
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Hexalectris spicata</i> var. <i>spicata</i>	crested coralroot	-	INV	G5T4T5	S2
<i>Hypoxis curtissii</i>	Curtis' stargrass	-	INV	GNR	S1
<i>Nyssa biflora</i>	swamp black gum	-	INV	G5	S3
<i>Platanthera flava</i> var. <i>flava</i>	southern tuberclad-orchid	-	ST	G4T4?Q	S2S3
<i>Polygala nana</i>	bachelor's button	-	INV	G5	S2S3
<i>Rhynchospora caduca</i>	falling beakrush	-	INV	G5	S2S3
<b>Special Elements-Natural Communities</b>					
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
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Cicindela cursitans</i>	ant-like tiger beetle	-	INV	G5	S2S3
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S3
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<b>Animals-Vertebrates</b>					
<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>Spea bombifrons</i>	plains spadefoot	-	INV	G5	S1
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
<b>Plants-Vascular</b>					
<i>Agalinis homalantha</i>	San Antonio false-foxglove	-	INV	G5	S1
<i>Amorpha ouachitensis</i>	Ouachita indigo bush	-	INV	G3Q	S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Croptilon hookerianum var. validum</i>	scratch-daisy	-	INV	GNRTNR	S2
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Eriocaulon koernickianum</i>	small-headed pipewort	-	SE	G2	S2
<i>Eustoma exaltatum ssp. exaltatum</i>	catchfly prairie gentian	-	INV	GNRT4T5	S2
<i>Gentiana saponaria var. saponaria</i>	soapwort gentian	-	INV	G5T5	S3
<i>Heuchera parviflora var. puberula</i>	alumroot	-	INV	G4T3T4	S3
<i>Neviusia alabamensis</i>	Alabama snow wreath	-	ST	G2	S1S2
<i>Pilularia americana</i>	American pillwort	-	INV	G5	S2
<i>Platanthera flava var. flava</i>	southern tuberclad-orchid	-	ST	G4T4?Q	S2S3
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Selaginella arenicola ssp. riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Spiranthes ovalis var. ovalis</i>	southern oval ladies'-tresses	-	INV	G5?T3T4	S2S3
<i>Tradescantia paludosa</i>	confederate spiderwort	-	INV	G4?Q	S1S2
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<b>Special Elements-Natural Communities</b>					
Central Interior Highlands Dry Acidic Glade and Barrens		-	INV	GNR	SNR
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
South-Central Interior Large Floodplain		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Cicindela purpurea</i>	cow path tiger beetle	-	INV	G5	S3
<i>Potamilus capax</i>	fat pocketbook	LE	INV	G1G2	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
<b>Animals-Vertebrates</b>					
<i>Accipiter cooperii</i>	Cooper's Hawk	-	INV	G5	S1B,S3N
<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>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Mustela frenata primulina</i>	long-tailed weasel	-	INV	G5T4	S3
<i>Myotis lucifugus</i>	little brown bat	-	MON	G5	S3
<i>Nerodia cyclopion</i>	Mississippi green water snake	-	INV	G5	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Rana areolata circulosa</i>	northern crawfish frog	-	INV	G4T4	S2
<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	S2B,S3N
<b>Plants-Vascular</b>					
<i>Carex normalis</i>	a caric sedge	-	INV	G5	S1
<i>Eupatorium hyssopifolium var. hyssopifolium</i>	hyssop-leaved boneset	-	INV	G5T5	S3
<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	G2	S2
<i>Malus coronaria</i>	a crabapple	-	INV	G5	S2S3
<i>Platanthera peramoena</i>	purple fringeless-orchid	-	ST	G5	S2
<i>Ptilimnium costatum</i>	mock bishop weed	-	INV	G4	S1
<i>Quercus coccinea</i>	scarlet oak	-	INV	G5	S2S3
<i>Spiranthes ovalis var. ovalis</i>	southern oval ladies'-tresses	-	INV	G5?T3T4	S2S3
<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
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Caecidotea macropropoda</i>	bat cave isopod	-	INV	G2G3	S1
<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	INV	G1G2	S1
<i>Orconectes nana</i>	a crayfish	-	INV	G3	S2
<i>Venustaconcha ellipsiformis</i>	ellipse	-	INV	G4	S1
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Alosa alabamae</i>	Alabama shad	-	INV	G3	S1S2
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	INV	G4T1	S1
<i>Cyprinella camura</i>	blunface shiner	-	INV	G5	SH
<i>Dendroica cerulea</i>	Cerulean Warbler	-	INV	G4	S4B
<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>Notiosorex crawfordi</i>	Crawford's gray shrew	-	INV	G5	S2
<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>Rana sylvatica</i>	wood frog	-	INV	G5	S3
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<i>Tyrannus verticalis</i>	Western Kingbird	-	INV	G5	S1B,S1N
<b>Plants-Vascular</b>					
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Castilleja indivisa</i>	an Indian paintbrush	-	INV	G5	SH
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Marsilea vestita ssp. vestita</i>	prairie water-clover	-	INV	G5T5	S3
<i>Mimulus floribundus</i>	yellow monkey flower	-	INV	G5	S2S3
<i>Silene ovata</i>	ovate-leaved catchfly	-	ST	G3	S3
<i>Stachys eplingii</i>	Epling's hedgenettle	-	INV	G5	S3
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	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
<b>Animals-Invertebrates</b>					
<i>Cicindela cursitans</i>	ant-like tiger beetle	-	INV	G5	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	INV	G1G2	S1
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<i>Uniomereus tetralasmus</i>	pondhorn	-	INV	G5	S2
<b>Animals-Vertebrates</b>					
<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>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Habenaria repens</i>	water-spider orchid	-	INV	G5	S2
<b>Special Elements-Natural Communities</b>					
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Potamilus capax</i>	fat pocketbook	LE	INV	G1G2	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<b>Animals-Vertebrates</b>					
<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 scarlet snake	-	INV	G5T5	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
<b>Plants-Vascular</b>					
<i>Carex normalis</i>	a caric sedge	-	INV	G5	S1
<i>Carex striatula</i>	a caric sedge	-	INV	G4G5	S3S4
<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>Quercus coccinea</i>	scarlet oak	-	INV	G5	S2S3
<i>Schisandra glabra</i>	climbing magnolia	-	INV	G3	S2S3
<i>Spiranthes ovalis var. erostellata</i>	northern oval ladies'-tresses	-	INV	G5?T4?	S1
<b>Special Elements-Natural Communities</b>					
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
<b>Animals-Invertebrates</b>					
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	G2	S2
<i>Leuctra paleo</i>	Arkansas needelfly	-	INV	G2	S1
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria subrotunda</i>	round hickorynut	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Myotis lucifugus</i>	little brown bat	-	MON	G5	S3
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	INV	G3	S2
<i>Pteronotropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<b>Plants-Vascular</b>					
<i>Lycopodiella alopecuroides</i>	foxtail bog club-moss	-	INV	G5	S1
<i>Lycopodiella appressa</i>	appressed bog club-moss	-	INV	G5	S3
<i>Parnassia asarifolia</i>	ginger-leaved grass-of-	-	INV	G4	S1
<b>Special Elements-Natural Communities</b>					
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
<b>Animals-Invertebrates</b>					
<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 lividus</i>	purple lilliput	-	INV	G2	S2
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<b>Animals-Vertebrates</b>					
<i>Acipenser fulvescens</i>	lake sturgeon	-	INV	G3G4	S1
<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>Dendroica cerulea</i>	Cerulean Warbler	-	INV	G4	S4B
<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>Mugil cephalus</i>	striped mullet	-	INV	G5	S1?
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<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>Riparia riparia</i>	Bank Swallow	-	INV	G5	S2B,S3N
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Agalinis homalantha</i>	San Antonio false-foxglove	-	INV	G5	S1
<i>Croptilon hookerianum var. validum</i>	scratch-daisy	-	INV	GNRTNR	S2
<i>Marsilea vestita ssp. vestita</i>	prairie water-clover	-	INV	G5T5	S3
<i>Tradescantia paludosa</i>	confederate spiderwort	-	INV	G4?Q	S1S2
<b>Special Elements-Natural Communities</b>					
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
<b>Animals-Invertebrates</b>					
<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	INV	G2	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Uniomers declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<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>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green water snake	-	INV	G5	S3
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	INV	G3	S2
<i>Pteronotrops hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Rana areolata circulosa</i>	northern crawfish frog	-	INV	G4T4	S2
<b>Plants-Vascular</b>					
<i>Anthaenania texana</i>	Kral's silkyscale	-	INV	G3G4	S3
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G4?	S2
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Eleocharis microcarpa</i>	a spike rush	-	INV	G5	S3S4
<i>Eupatorium hyssopifolium var. hyssopifolium</i>	hyssop-leaved boneset	-	INV	G5T5	S3
<i>Evolvulus sericeus</i>	silver dwarf morning glory	-	ST	G5	S1
<i>Geocarpon minimum</i>	geocarpon	LT	SE	G2	S2
<i>Helianthemum rosmarinifolium</i>	rockrose	-	INV	G4	S1
<i>Hypericum nudiflorum</i>	early St. Johnswort	-	INV	G5	S1S2
<i>Krigia occidentalis</i>	western dwarf dandelion	-	INV	G5	S3
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening primrose	-	ST	G5T2	S2
<i>Prenanthes barbata</i>	barbed rattlesnake root	-	INV	G3	S2
<i>Saxifraga virginiana</i>	early saxifrage	-	INV	G5	S3
<i>Schoenolirion wrightii</i>	Texas sunnysbells	-	ST	G3	S2S3

**Drew County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Setaria magna</i>	giant bristlegrass	-	INV	G4G5	SNR
<i>Solidago nitida</i>	a goldenrod	-	INV	G4?	S3
<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 ovalis</i> var. <i>ovalis</i>	southern oval ladies'-tresses	-	INV	G5?T3T4	S2S3
<i>Stylisma aquatica</i>	water dawnflower	-	INV	G4	S1S2
<i>Symphotrichum pratense</i>	an aster	-	ST	G4?	S2
<b>Special Elements-Natural Communities</b>					
Lowland oak-sweetgum forest		-	INV	GNR	S1
Lowland pine-oak forest		-	INV	GNR	S1
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<b>Animals-Vertebrates</b>					
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Chrysemys picta 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>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Pandion haliaetus</i>	Osprey	-	INV	G5	S1B,S4N
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5	S2
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
<b>Plants-Vascular</b>					
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Carex fissa</i> var. <i>fissa</i>	a caric sedge	-	INV	G4?T3T4	S1
<i>Carex normalis</i>	a caric sedge	-	INV	G5	S1
<i>Carex opaca</i>	a caric sedge	-	SE	G5T4	S2S3
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Claytonia ozarkensis</i>	Ozark spring beauty	-	INV	G1G3Q	S2
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Eleocharis wolfii</i>	Wolf's spike rush	-	INV	G3G4	S3
<i>Eupatorium hyssopifolium</i> var. <i>hyssopifolium</i>	hyssop-leaved boneset	-	INV	G5T5	S3
<i>Gymnopogon brevifolius</i>	shortleaf skeletongrass	-	INV	G5	S2
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Marsilea vestita</i> ssp. <i>vestita</i>	prairie water-clover	-	INV	G5T5	S3
<i>Minuartia drummondii</i>	a sandwort	-	INV	G5	S2S3
<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>	nailwort	-	INV	G4	S2
<i>Paspalum bifidum</i>	pitchfork paspalum	-	INV	G5	SH
<i>Philadelphus hirsutus</i>	mock orange	-	INV	G5	S2S3
<i>Pilularia americana</i>	American pillwort	-	INV	G5	S2
<i>Platanthera peramoena</i>	purple fringeless-orchid	-	ST	G5	S2
<i>Podostemum ceratophyllum</i>	riverweed	-	INV	G5	S3
<i>Potamogeton pulcher</i>	spotted pondweed	-	INV	G5	S3
<i>Potentilla arguta</i>	tall cinquefoil	-	ST	G5	S1S2
<i>Quercus coccinea</i>	scarlet oak	-	INV	G5	S2S3
<i>Rhynchospora cephalantha</i>	capitate beakrush	-	INV	G5	SH
<i>Rudbeckia maxima</i>	giant coneflower	-	INV	G4?	S3

**Faulkner County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Streptanthus maculatus ssp. obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<b>Special Elements-Natural Communities</b>					
Central Interior Highlands Dry Acidic Glade and Barrens		-	INV	GNR	SNR
Upland Headwater Stream-Arkansas Valley		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<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	GNR	S1
<i>Cambarus causeyi</i>	a crayfish	-	INV	G1	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	INV	G2G3	S1
<i>Orconectes williamsi</i>	William's crayfish	-	INV	G3	S1
<i>Tetraopes quinque maculatus</i>	a red milkweed beetle	-	INV	GNR	S1S2
<i>Tetraopes texanus</i>	a red milkweed beetle	-	INV	GNR	S1S2
<b>Animals-Vertebrates</b>					
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	-	INV	G5	S1
<i>Alosa alabamae</i>	Alabama shad	-	INV	G3	S1S2
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	INV	G4T1	S1
<i>Dendroica cerulea</i>	Cerulean Warbler	-	INV	G4	S4B
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Myotis sodalis</i>	Indiana bat	LE	INV	G2	S1
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5	S2
<i>Rana sylvatica</i>	wood frog	-	INV	G5	S3
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
<b>Plants-Vascular</b>					
<i>Agalinis homalanthia</i>	San Antonio false-foxglove	-	INV	G5	S1
<i>Amorpha ouachitensis</i>	Ouachita indigo bush	-	INV	G3Q	S3
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G4?	S2
<i>Carex cumberlandensis</i>	Cumberland caric sedge	-	INV	GNR	S1
<i>Carex fissa</i> var. <i>fissa</i>	a caric sedge	-	INV	G4?T3T4	S1
<i>Carex lupuliformis</i>	hop sedge	-	INV	G4	S1S2
<i>Carex opaca</i>	a caric sedge	-	SE	G5T4	S2S3
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Croptilon hookerianum</i> var. <i>validum</i>	scratch-daisy	-	INV	GNRTNR	S2
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Eleocharis wolfii</i>	Wolf's spike rush	-	INV	G3G4	S3
<i>Eriocaulon koermickianum</i>	small-headed pipewort	-	SE	G2	S2
<i>Erythronium mesochoreum</i>	prairie trout lily	-	INV	G4G5	S1S2
<i>Euphorbia longicuris</i>	wedgeleaf spurge	-	INV	G4G5	S1
<i>Galium texense</i>	Texas bedstraw	-	INV	G4	S1
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2

**Franklin County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Geocarpon minimum</i>	geocarpon	LT	SE	G2	S2
<i>Gymnopogon brevifolius</i>	shortleaf skeletongrass	-	INV	G5	S2
<i>Helianthus occidentalis ssp. plantagineus</i>	plantain-leaf sunflower	-	INV	G5T2T3	S1
<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 club-moss	-	INV	G5	S2S3
<i>Iva angustifolia</i>	slender marsh elder	-	INV	G5?	S1
<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>Rhynchospora macrostachya</i>	a beakrush	-	INV	G4	SNR
<i>Rosa foliolosa</i>	white prairie rose	-	INV	G5	S2
<i>Scleria muehlenbergii</i>	Muhlenberg's nutsedge	-	INV	G5	S1S2
<i>Spiranthes ovalis var. ovalis</i>	southern oval ladies'-tresses	-	INV	G5?T3T4	S2S3
<i>Sporobolus pyramidatus</i>	whorled dropseed	-	ST	G5	S2
<i>Stachys eplingii</i>	Epling's hedgenettle	-	INV	G5	S3
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Viola canadensis var. canadensis</i>	Canada violet	-	INV	G5T5	S2
<b>Special Elements-Natural Communities</b>					
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
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cicindela purpurea</i>	cow path tiger beetle	-	INV	G5	S3
<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	INV	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	INV	G1G2	S1
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Ophiogomphus westfalli</i>	Ozark snaketail dragonfly	-	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>	ringed crayfish	-	INV	G5T3	S2
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	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
<b>Animals-Vertebrates</b>					
<i>Cryptobranchus alleganiensis bishopi</i>	Ozark Hellbender	C	INV	G3G4T2Q	S2
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma fragi</i>	Strawberry River darter	-	INV	G4	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Pteronotropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Typhlichthys subterraneus</i>	southern cavefish	-	INV	G4	S1
<b>Plants-Vascular</b>					
<i>Asclepias incarnata ssp. incarnata</i>	northern swamp milkweed	-	INV	G5T5	S2
<i>Carex aggregata</i>	a caric sedge	-	INV	G5	S1
<i>Carex davisii</i>	Davis' caric sedge	-	INV	G4	S3
<i>Carex interior</i>	a caric sedge	-	INV	G5	S1
<i>Carex leptalea var. harperi</i>	threadstem caric sedge	-	INV	G5T4T5	S2S3
<i>Carex mesochorea</i>	a caric sedge	-	INV	G4G5	S2
<i>Carex suberecta</i>	a caric 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>	Bush's yellow coneflower	-	ST	G2T2	S2



**Fulton County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Echinodorus berteroi</i>	upright burhead	-	INV	G5	S1S3
<i>Evolvulus nuttallianus</i>	Nuttall's dwarf morning glory	-	INV	G5	S3
<i>Juniperus ashei</i>	Ashe's juniper	-	INV	G5	S3
<i>Leavenworthia uniflora</i>	glade cress	-	INV	G4	S3
<i>Mimulus ringens</i> var. <i>ringens</i>	monkey flower	-	INV	G5T5	S1S2
<i>Parnassia grandifolia</i>	large-leaved grass-of-Parnassus	-	INV	G3	S3
<i>Pedicularis lanceolata</i>	swamp lousewort	-	INV	G5	S1
<i>Pedimelum esculentum</i>	prairie turnip	-	INV	G5	S2
<i>Penstemon cobaea</i>	showy beard-tongue	-	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</i> var. <i>diffusus</i>	white water crowfoot	-	INV	G5T5	S2S3
<i>Scleria muehlenbergii</i>	Muhlenberg's nutsedge	-	INV	G5	S1S2
<i>Zannichellia palustris</i>	horned pondweed	-	INV	G5	S2S3
<b>Special Elements-Natural Communities</b>					
Central Interior Highlands Calcareous Glade and Barrens		-	INV	GNR	SNR
Spring-Ozark Mountains		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Alloperla caddo</i>	Caddo sallfly	-	INV	G2	S1
<i>Cordulegaster talaria</i>	Ouachita spiketail	-	INV	GNR	S1
<i>Fallicambarus harpi</i>	a crayfish	-	INV	G1	S1
<i>Fallicambarus jeanae</i>	a crayfish	-	INV	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lucanus elephus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Etheostoma pallidiorsum</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>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Noturus lachneri</i>	Ouachita madtom	-	INV	G2	S2
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<b>Plants-Non-vascular</b>					
<i>Phormidium treleasei</i>	A blue-green alga	-	INV	GNR	S2
<b>Plants-Vascular</b>					
<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	G5	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 ebennoides</i>	Scott's hybrid spleenwort	-	INV	GNA	S1
<i>Asplenium x gravesii</i>	Grave's hybrid spleenwort	-	INV	GNA	S1
<i>Carex atlantica ssp. atlantica</i>	a caric sedge	-	INV	G5T4	S2
<i>Carex bromoides ssp. bromoides</i>	a caric sedge	-	INV	G5T5	S2
<i>Carex laevivaginata</i>	a caric sedge	-	INV	G5	S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Carex laxiculmis var. laxiculmis</i>	a caric sedge	-	INV	G5T4T5	S2S3
<i>Carex leptalea var. harperi</i>	threadstem caric sedge	-	INV	G5T4T5	S2S3
<i>Carex pennsylvanica</i>	Pennsylvania caric sedge	-	INV	G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex willdenowii</i>	Willdenow's caric sedge	-	INV	G5	S1
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<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>	southern hybrid log fern	-	INV	GNA	S1
<i>Erythronium mesochoreum</i>	prairie trout lily	-	INV	G4G5	S1S2
<i>Euphorbia longicuris</i>	wedgeleaf spurge	-	INV	G4G5	S1

**Garland County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Galium arkansanum</i> var. <i>pubiflorum</i>	Arkansas bedstraw	-	INV	G5T2Q	S2
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Habenaria repens</i>	water-spider orchid	-	INV	G5	S2
<i>Hedyotis ouachitana</i>	Ouachita bluets	-	INV	G3	S3
<i>Helianthus occidentalis</i> ssp. <i>plantagineus</i>	plantain-leaf sunflower	-	INV	G5T2T3	S1
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Ilex decidua</i> var. <i>longipes</i>	Georgia holly	-	INV	G5	S3
<i>Liatris compacta</i>	Ouachita blazing star	-	INV	G5T3	S3
<i>Liparis loeselii</i>	fen orchid	-	ST	G5	S1
<i>Lycopodiella appressa</i>	appressed bog club-moss	-	INV	G5	S3
<i>Melanthium woodii</i>	false hellebore	-	INV	G5	S3
<i>Paronychia virginica</i>	nailwort	-	INV	G4	S2
<i>Phacelia strictiflora</i> var. <i>robbinsii</i>	Robbin's scorpionweed	-	INV	G5T4	S1S2
<i>Physaria filiformis</i>	Missouri bladderpod	LT	INV	G3	S1
<i>Platanthera cristata</i>	yellow crested-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>	giant coneflower	-	INV	G4?	S3
<i>Sanicula smallii</i>	black snakeroot	-	INV	G5	S3
<i>Sedum ternatum</i>	woodland stonecrop	-	INV	G5	S3
<i>Solidago auriculata</i>	clasping goldenrod	-	INV	G4	S2
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Symphotrichum sericeum</i>	silky aster	-	INV	G5	S2
<i>Thalictrum arkansanum</i>	Arkansas meadow rue	-	ST	G2Q	S2
<i>Thelypteris noveboracensis</i>	New York fern	-	INV	G5	S3
<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>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>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3

**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
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	G2	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	INV	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	G5	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>	a crayfish	-	INV	G4	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	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
<b>Animals-Vertebrates</b>					
<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	INV	G3	S2
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<b>Plants-Vascular</b>					
<i>Carex bullata</i>	a caric sedge	-	INV	G5	S1
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Platanthera cristata</i>	yellow crested-orchid	-	INV	G5	S1S2
<i>Prenanthes barbata</i>	barbed rattlesnake root	-	INV	G3	S2
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	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
<b>Animals-Invertebrates</b>					
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<i>Uniomereus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniomereus tetralasmus</i>	pondhorn	-	INV	G5	S2
<b>Animals-Vertebrates</b>					
<i>Carphophis amoenus helenae</i>	midwest worm snake	-	INV	G5T5	S2
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	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>Myotis lucifugus</i>	little brown bat	-	MON	G5	S3
<i>Nerodia cyclopion</i>	Mississippi green water snake	-	INV	G5	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<b>Plants-Vascular</b>					
<i>Aristida lanosa</i>	woolly threeawn	-	INV	G5	S2
<i>Carex bromoides ssp. bromoides</i>	a caric sedge	-	INV	G5T5	S2
<i>Carex normalis</i>	a caric 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>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eupatorium hyssopifolium var. hyssopifolium</i>	hyssop-leaved boneset	-	INV	G5T5	S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Quercus coccinea</i>	scarlet oak	-	INV	G5	S2S3
<i>Sanicula smallii</i>	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
<b>Special Elements-Natural Communities</b>					
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
<b>Animals-Invertebrates</b>					
<i>Amblyscirtes belli</i>	Bell's roadside skipper	-	INV	G3G4	S3S4
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	INV	G1	S1
<i>Bouchardina robisoni</i>	a crayfish	-	INV	G1	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Euphyes dukesi</i>	Duke's skipper	-	INV	G3	S1S2
<i>Gomphus ozarkensis</i>	Ozark Clubtail Dragonfly	-	INV	G4	S1
<i>Hoperius planatus</i>	aquatic beetle	-	INV	GNR	SNR
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lucanus elephus</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	INV	G2G3	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Tetraopes texanus</i>	a red milkweed beetle	-	INV	GNR	S1S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
<b>Animals-Vertebrates</b>					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Chrysemys picta 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>Gallinula chloropus</i>	Common Moorhen	-	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>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green water snake	-	INV	G5	S3
<i>Notiosorex crawfordi</i>	Crawford's gray shrew	-	INV	G5	S2
<i>Notropis bairdi</i>	Red River shiner	-	INV	G4	SH
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Porphyrio martinica</i>	Purple Gallinule	-	INV	G5	S1B
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Reithrodontomys humulis</i>	eastern harvest mouse	-	INV	G5	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Agalinis auriculata</i>	earleaf false-foxglove	-	INV	G3	S1
<i>Allium drummondii</i>	Drummond's wild onion	-	INV	G5	S1
<i>Aristida lanosa</i>	woolly threeawn	-	INV	G5	S2
<i>Astragalus crassicaerpus var. crassicaerpus</i>	a ground plum	-	INV	G5T5	S2

Hempstead County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex arkansana</i>	Arkansas caric sedge	-	INV	G4	S1
<i>Carex comosa</i>	a caric sedge	-	INV	G5	S1S2
<i>Carex decomposita</i>	epiphytic caric sedge	-	INV	G3	S2
<i>Carex leptalea</i> var. <i>harperi</i>	threadstem caric sedge	-	INV	G5T4T5	S2S3
<i>Carex microdonta</i>	a caric sedge	-	INV	G4	S2S3
<i>Carex striatula</i>	a caric sedge	-	INV	G4G5	S3S4
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Chamaelirium luteum</i>	devil's bit	-	INV	G5	S3
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium carolinianum</i> ssp. <i>virescens</i>	Carolina larkspur	-	INV	G5T5	S2
<i>Diaperia prolifera</i>	rabbit tobacco	-	INV	G5	S1S3
<i>Didiplis diandra</i>	water purslane	-	INV	G5	S1S3
<i>Echinodorus berteroi</i>	upright burhead	-	INV	G5	S1S3
<i>Eleocharis flavescens</i>	pale spike rush	-	INV	G5	S1S2
<i>Eleocharis wolfii</i>	Wolf's spike rush	-	INV	G3G4	S3
<i>Habenaria repens</i>	water-spider orchid	-	INV	G5	S2
<i>Helianthemum bicknellii</i>	frostweed	-	INV	G5	SH
<i>Lithospermum tuberosum</i>	a pucoon	-	INV	G4	S2
<i>Nemastylis geminiflora</i>	celestial lily	-	INV	G4	S3
<i>Nyssa biflora</i>	swamp black gum	-	INV	G5	S3
<i>Penstemon cobaea</i>	showy beard-tongue	-	INV	G4	S3
<i>Potamogeton pulcher</i>	spotted pondweed	-	INV	G5	S3
<i>Psilotum nudum</i>	whisk fern	-	INV	G5	S1?
<i>Pycnanthemum virginianum</i>	Virginia mountain mint	-	INV	G5	S1S2
<i>Quercus arkansana</i>	Arkansas oak	-	INV	G3	S3
<i>Quercus sinuata</i>	Durand's white oak	-	ST	G4G5	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 cephalantha</i>	capitate beakrush	-	INV	G5	SH
<i>Rudbeckia maxima</i>	giant 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 auriculata</i>	clasping goldenrod	-	INV	G4	S2
<i>Solidago delicatula</i>	a goldenrod	-	INV	G5TNR	S1
<i>Sophora affinis</i>	Eve's necklace	-	INV	G4	S2S3
<i>Spiranthes ovalis</i> var. <i>ovalis</i>	southern oval ladies'-tresses	-	INV	G5?T3T4	S2S3
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Stenosiphon linifolius</i>	false gaura	-	ST	G5	S1
<i>Thalictrum arkansanum</i>	Arkansas meadow rue	-	ST	G2Q	S2
<i>Tillandsia usneoides</i>	Spanish moss	-	INV	G5	S3
<i>Valerianella amarella</i>	hairy cornsalad	-	INV	GNR	S1

**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
<b>Animals-Invertebrates</b>					
<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	INV	G1	S1
<i>Fallicambarus harpi</i>	a crayfish	-	INV	G1	S1
<i>Fallicambarus jeanae</i>	a crayfish	-	INV	G2	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	G2	S2
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	INV	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	G5	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>Procambarus parasimulans</i>	a crayfish	-	INV	G4	S2
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Alosa alabamae</i>	Alabama shad	-	INV	G3	S1S2
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lampetra 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>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?
<b>Plants-Vascular</b>					
<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	G5	S2S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Calopogon tuberosus var. tuberosus</i>	tuberous grass-pink	-	INV	G5T5	S1
<i>Camassia angusta</i>	wild hyacinth	-	INV	G5?Q	S2S3
<i>Carex atlantica ssp. atlantica</i>	a caric sedge	-	INV	G5T4	S2
<i>Carex laxiculmis var. laxiculmis</i>	a caric sedge	-	INV	G5T4T5	S2S3
<i>Carex leptalea var. harperi</i>	threadstem caric sedge	-	INV	G5T4T5	S2S3
<i>Carex normalis</i>	a caric sedge	-	INV	G5	S1
<i>Crataegus triflora</i>	three-flowered hawthorn	-	INV	G2	S1
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Eleocharis tortilis</i>	twisted spike rush	-	INV	G5	S1
<i>Euphorbia longicuris</i>	wedgeleaf spurge	-	INV	G4G5	S1



Hot Spring County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Gentiana saponaria</i> var. <i>saponaria</i>	soapwort gentian	-	INV	G5T5	S3
<i>Hedyotis ouachitana</i>	Ouachita bluets	-	INV	G3	S3
<i>Ilex verticillata</i>	winterberry holly	-	ST	G5	S2
<i>Liatris compacta</i>	Ouachita blazing star	-	INV	G5T3	S3
<i>Lycopodiella alopecuroides</i>	foxtail bog club-moss	-	INV	G5	S1
<i>Lycopodiella appressa</i>	appressed bog club-moss	-	INV	G5	S3
<i>Nyssa biflora</i>	swamp black gum	-	INV	G5	S3
<i>Oenothera pilosella</i> ssp. <i>sessilis</i>	prairie evening primrose	-	ST	G5T2	S2
<i>Parnassia asarifolia</i>	ginger-leaved grass-of-	-	INV	G4	S1
<i>Physaria filiformis</i>	Missouri bladderpod	LT	INV	G3	S1
<i>Pilularia americana</i>	American pillwort	-	INV	G5	S2
<i>Platanthera cristata</i>	yellow crested-orchid	-	INV	G5	S1S2
<i>Pseudolycopodiella caroliniana</i>	Carolina bog club-moss	-	INV	G5T4	S1
<i>Ribes curvatum</i>	granite gooseberry	-	INV	G4	S3
<i>Sabatia campanulata</i>	slender marsh-pink	-	SE	G5	S1
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Spiranthes ovalis</i> var. <i>ovalis</i>	southern oval ladies'-tresses	-	INV	G5?T3T4	S2S3
<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>Thelypteris noveboracensis</i>	New York fern	-	INV	G5	S3
<i>Triadenum virginicum</i>	Virginia marsh St. Johnswort	-	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
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Bouchardina robisoni</i>	a crayfish	-	INV	G1	S1
<i>Fallicambarus strawni</i>	a crayfish	-	INV	G1G2	S1
<i>Gomphus ozarkensis</i>	Ozark Clubtail Dragonfly	-	INV	G4	S1
<i>Hydroporus ouachitus</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 elephus</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>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Speyeria diana</i>	Diana	-	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 lividus</i>	purple lilliput	-	INV	G2	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Gallinula chloropus</i>	Common Moorhen	-	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	G3	SNR
<i>Notropis atrocaudalis</i>	blackspot shiner	-	INV	G4	S3
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Percina pantherina</i>	leopard darter	LT	INV	G1	S1
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	-	INV	G2	S2
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Porphyrio martinica</i>	Purple Gallinule	-	INV	G5	S1B
<i>Pteronotropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<b>Plants-Vascular</b>					
<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	G5	S2S3
<i>Acer saccharum var. nigrum</i>	black maple	-	INV	G5	S1S2
<i>Allium drummondii</i>	Drummond's wild onion	-	INV	G5	S1
<i>Amorpha ouachitensis</i>	Ouachita indigo bush	-	INV	G3Q	S3
<i>Astragalus crassicaarpus var. crassicaarpus</i>	a ground plum	-	INV	G5T5	S2
<i>Calamovilfa arcuata</i>	Cumberland sandreed	-	INV	G2	S1
<i>Carex gracilescens</i>	a caric sedge	-	INV	G5?	S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Carex microdonta</i>	a caric sedge	-	INV	G4	S2S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex timida</i>	a caric sedge	-	INV	G2G3	S2S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4

Howard 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>Deschampsia flexuosa</i>	crinkled hairgrass	-	INV	G5	S2S3
<i>Diaperia prolifera</i>	rabbit tobacco	-	INV	G5	S1S3
<i>Erythronium mesochoreum</i>	prairie trout lily	-	INV	G4G5	S1S2
<i>Euphorbia tetrapora</i>	weak spurge	-	INV	G4	S1
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Hedeoma reverchonii</i> var. <i>reverchonii</i>	false pennyroyal	-	INV	G5?TNR	S1
<i>Hedyotis ouachitana</i>	Ouachita bluets	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Ilex decidua</i> var. <i>longipes</i>	Georgia holly	-	INV	G5	S3
<i>Liatris compacta</i>	Ouachita blazing star	-	INV	G5T3	S3
<i>Lithospermum tuberosum</i>	a pucoon	-	INV	G4	S2
<i>Penstemon cobaea</i>	showy beard-tongue	-	INV	G4	S3
<i>Physaria gracilis</i> ssp. <i>gracilis</i>	a bladderpod	-	INV	G5T4	S1
<i>Podostemum ceratophyllum</i>	riverweed	-	INV	G5	S3
<i>Quercus arkansana</i>	Arkansas oak	-	INV	G3	S3
<i>Rhynchospora caduca</i>	falling beakrush	-	INV	G5	S2S3
<i>Ribes curvatum</i>	granite gooseberry	-	INV	G4	S3
<i>Sanicula smallii</i>	black snakeroot	-	INV	G5	S3
<i>Sedum ternatum</i>	woodland stonecrop	-	INV	G5	S3
<i>Solidago auriculata</i>	clasping goldenrod	-	INV	G4	S2
<i>Spiranthes magnicamporum</i>	great plains ladies'-tresses	-	INV	G4	SNR
<i>Spiranthes ovalis</i> var. <i>erostellata</i>	northern oval ladies'-tresses	-	INV	G5?T4?	S1
<i>Stachys eplingii</i>	Epling's hedgenettle	-	INV	G5	S3
<i>Stenosiphon linifolius</i>	false gaura	-	ST	G5	S1
<i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Streptanthus squamiformis</i>	a twistflower	-	ST	G2	S2
<i>Valerianella palmeri</i>	Palmer's cornsalad	-	INV	G3	S3
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Xyris difformis</i> var. <i>difformis</i>	a yellow-eyed grass	-	INV	G5T5	S2
<i>Zannichellia palustris</i>	horned pondweed	-	INV	G5	S2S3
<b>Special Elements-Natural Communities</b>					
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
<b>Animals-Invertebrates</b>					
<i>Alasmodonta viridis</i>	slippershell mussel	-	INV	G4G5	S1
<i>Amnicola cora</i>	Foushee cavesnail	-	INV	G1	S1
<i>Arrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S1?
<i>Cambarus setosus</i>	bristly cave crayfish	-	INV	G3	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Epioblasma triquetra</i>	snuffbox	-	INV	G3	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S3
<i>Lucanus elephus</i>	giant stag beetle	-	INV	G3G5	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</i>	rabbitsfoot	-	INV	G3G4	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
<b>Animals-Vertebrates</b>					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Cryptobranchus alleganiensis bishopi</i>	Ozark Hellbender	C	INV	G3G4T2Q	S2
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<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>Moxostoma anisurum</i>	silver redhorse	-	INV	G5	S1?
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Myotis lucifugus</i>	little brown bat	-	MON	G5	S3
<i>Myotis sodalis</i>	Indiana bat	LE	INV	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Notropis sabiniae</i>	sabine shiner	-	INV	G4	S2?
<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>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Rana sylvatica</i>	wood frog	-	INV	G5	S3
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2

Independence County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Plants-Vascular</b>					
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Cardamine douglassii</i>	purple cress	-	INV	G5	S1
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Ilex verticillata</i>	winterberry holly	-	ST	G5	S2
<i>Juniperus ashei</i>	Ashe's juniper	-	INV	G5	S3
<i>Maianthemum stellatum</i>	starry Solomon's seal	-	INV	G5	S1
<i>Nemastylis geminiflora</i>	celestial lily	-	INV	G4	S3
<i>Philadelphus hirsutus</i>	mock orange	-	INV	G5	S2S3
<i>Quercus coccinea</i>	scarlet oak	-	INV	G5	S2S3
<i>Sida elliotii</i>	a 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 pedatifida</i>	prairie violet	-	INV	G5	S2
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<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>Epioblasma triquetra</i>	snuffbox	-	INV	G3	S1
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Hydroporus ouachitus</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Millerelix peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Ophiogomphus westfalli</i>	Ozark snaketail dragonfly	-	INV	G3	S1S2
<i>Patera clenchi</i>	Calico Rock oval	-	INV	G1	SNR
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	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
<b>Animals-Vertebrates</b>					
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Cyprinella spiloptera</i>	spotfin shiner	-	INV	G5	S1
<i>Erimystax harryi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma fragi</i>	Strawberry River darter	-	INV	G4	S1
<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>Lampetra appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Myotis sodalis</i>	Indiana bat	LE	INV	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Notropis sabiniae</i>	sabine shiner	-	INV	G4	S2?
<b>Plants-Vascular</b>					
<i>Abutilon incanum</i>	Texas Indian mallow	-	INV	G5?	S1S2
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Brickellia grandiflora</i>	tassel flower	-	INV	G5	S2
<i>Carex opaca</i>	a caric sedge	-	SE	G5T4	S2S3
<i>Carex planostachys</i>	a caric sedge	-	INV	G5	S1
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Coreopsis grandiflora var. saxicola</i>	large-flowered tickseed	-	INV	G5T4?	S3
<i>Evolvulus nuttallianus</i>	Nuttall's dwarf morning glory	-	INV	G5	S3
<i>Helianthus pauciflorus ssp. pauciflorus</i>	prairie sunflower	-	INV	G5T5?	S1
<i>Heuchera parviflora var. puberula</i>	alumroot	-	INV	G4T3T4	S3
<i>Juniperus ashei</i>	Ashe's juniper	-	INV	G5	S3
<i>Leavenworthia uniflora</i>	glade cress	-	INV	G4	S3

Izard County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Nemastylis geminiflora</i>	celestial lily	-	INV	G4	S3
<i>Pediomelum esculentum</i>	prairie turnip	-	INV	G5	S2
<i>Penstemon cobaea</i>	showy beard-tongue	-	INV	G4	S3
<i>Physaria filiformis</i>	Missouri bladderpod	LT	INV	G3	S1
<i>Quercus coccinea</i>	scarlet oak	-	INV	G5	S2S3
<i>Sida elliotii</i>	a sida	-	INV	G4G5	S2S3
<i>Spiranthes lucida</i>	shining ladies'-tresses	-	INV	G5	S2
<i>Stylophorum diphyllum</i>	celandine poppy	-	INV	G5	S3
<i>Symphotrichum sericeum</i>	silky aster	-	INV	G5	S2
<i>Zizia aptera</i>	golden Alexanders	-	INV	G5	S1S3
<b>Special Elements-Natural Communities</b>					
Central Interior Highlands Calcareous Glade and Barrens		-	INV	GNR	SNR
Central Interior Highlands Dry Acidic Glade and Barrens		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S1?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	G2	S2
<i>Leptodea leptodon</i>	scaleshell	LE	INV	G1G2	S1
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S3
<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>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<b>Animals-Vertebrates</b>					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<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>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Mustela frenata primulina</i>	long-tailed weasel	-	INV	G5T4	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
<b>Plants-Vascular</b>					
<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	G2	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
<b>Animals-Invertebrates</b>					
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Fallicambarus gilpini</i>	a crayfish	-	INV	G1	S1
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Uniomereus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<b>Animals-Vertebrates</b>					
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Gallinula chloropus</i>	Common Moorhen	-	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 water snake	-	INV	G5	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Pteronotropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Agalinis homalantha</i>	San Antonio false-foxglove	-	INV	G5	S1
<i>Calopogon tuberosus var. tuberosus</i>	tuberous grass-pink	-	INV	G5T5	S1
<i>Chamaelirium luteum</i>	devil's bit	-	INV	G5	S3
<i>Croptilon hookerianum var. validum</i>	scratch-daisy	-	INV	GNRTNR	S2
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Eleocharis flavescens</i>	pale spike rush	-	INV	G5	S1S2
<i>Eleocharis microcarpa</i>	a spike rush	-	INV	G5	S3S4
<i>Eupatorium hyssopifolium var. hyssopifolium</i>	hyssop-leaved boneset	-	INV	G5T5	S3
<i>Eustoma exaltatum ssp. exaltatum</i>	catchfly prairie gentian	-	INV	GNRT4T5	S2
<i>Fuirena bushii</i>	Bush's umbrella-grass	-	INV	G5	S3
<i>Gentiana saponaria var. saponaria</i>	soapwort gentian	-	INV	G5T5	S3
<i>Habenaria repens</i>	water-spider orchid	-	INV	G5	S2
<i>Heliotropium convolvulaceum</i>	phlox heliotrope	-	INV	G5	S2
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Lycopodiella appressa</i>	appressed bog club-moss	-	INV	G5	S3
<i>Nemastylis geminiflora</i>	celestial lily	-	INV	G4	S3
<i>Platanthera cristata</i>	yellow crested-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
<i>Prenanthes barbata</i>	barbed rattlesnake root	-	INV	G3	S2
<i>Spiranthes lacera var. lacera</i>	northern slender ladies'-tresses	-	INV	G5T5	S1
<b>Special Elements-Natural Communities</b>					
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
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cambarus causeyi</i>	a crayfish	-	INV	G1	S1
<i>Dannella provonshai</i>	Mayfly	-	INV	G3G4	S1?
<i>Hydroporus ouachitus</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S3
<i>Lucanus elephus</i>	giant stag beetle	-	INV	G3G5	S2
<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	-	INV	G3G4	S2S3
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma moorei</i>	yellowcheek darter	C	INV	G1	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Notropis girardi</i>	Arkansas River shiner	LT	INV	G2	SX
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Rana sylvatica</i>	wood frog	-	INV	G5	S3
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
<b>Plants-Vascular</b>					
<i>Amorpha ouachitensis</i>	Ouachita indigo bush	-	INV	G3Q	S3
<i>Bergia texana</i>	Texas bergia	-	INV	G5	S2
<i>Carex laxiculmis</i> var. <i>laxiculmis</i>	a caric sedge	-	INV	G5T4T5	S2S3
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium newtonianum</i>	Moore's larkspur	-	INV	G3	S3
<i>Eriocaulon koernickianum</i>	small-headed pipewort	-	SE	G2	S2
<i>Helianthemum rosmarinifolium</i>	rockrose	-	INV	G4	S1
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Mimulus floribundus</i>	yellow monkey flower	-	INV	G5	S2S3
<i>Paspalum bifidum</i>	pitchfork paspalum	-	INV	G5	SH
<i>Prosartes lanuginosa</i>	yellow mandarin	-	INV	G5	S2
<i>Schoenoplectus californicus</i>	California bulrush	-	INV	G5	S1S2
<i>Sedum ternatum</i>	woodland stonecrop	-	INV	G5	S3
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Trichomanes boschianum</i>	Appalachian filmy fern	-	ST	G4	S2S3

**Johnson County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<b>Special Elements-Natural Communities</b>					
	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
<b>Animals-Invertebrates</b>					
<i>Bouchardina robisoni</i>	a crayfish	-	INV	G1	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Lucanus elephus</i>	giant stag beetle	-	INV	G3G5	S2
<b>Animals-Vertebrates</b>					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<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>Egretta tricolor</i>	Tricolored Heron	-	INV	G5	S3B,S3N
<i>Eudocimus albus</i>	White Ibis	-	INV	G5	S1B
<i>Gallinula chloropus</i>	Common Moorhen	-	INV	G5	S1B,S2N
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hypognathus placitus</i>	plains minnow	-	INV	G4	SX
<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>Notropis bairdi</i>	Red River shiner	-	INV	G4	SH
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	INV	G3	S2
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Porphyrio martinica</i>	Purple Gallinule	-	INV	G5	S1B
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Bergia texana</i>	Texas bergia		INV	G5	S2
<i>Carex leptalea var. harperi</i>	threadstem caric sedge		INV	G5T4T5	S2S3
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Dryopteris ludoviciana</i>	Louisiana wood fern		INV	G4	S1
<i>Eleocharis montevidensis</i>	a spike rush	-	INV	G5	S1
<i>Hypericum nudiflorum</i>	early St. Johnswort		INV	G5	S1S2
<i>Hypoxis curtissii</i>	Curtis' stargrass		INV	GNR	S1
<i>Iva angustifolia</i>	slender marsh elder		INV	G5?	S1
<i>Nemastylis geminiflora</i>	celestial lily	-	INV	G4	S3
<i>Nyssa biflora</i>	swamp black gum		INV	G5	S3
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening primrose	-	ST	G5T2	S2
<i>Quercus arkansana</i>	Arkansas oak	-	INV	G3	S3
<i>Sanicula smallii</i>	black snakeroot	-	INV	G5	S3
<i>Sebastiania fruticosa</i>	Sebastian-bush	-	INV	G5	S1
<i>Solidago nitida</i>	a goldenrod		INV	G4?	S3
<i>Sophora affinis</i>	Eve's necklace	-	INV	G4	S2S3
<b>Special Elements-Natural Communities</b>					
<i>Cypress-tupelo swamp</i>		-	INV	GNR	S2
<i>Lowland pine-oak forest</i>		-	INV	GNR	S1
<i>Red clay prairie</i>		-	INV	GNR	SNR
<i>Red River Large Floodplain Forest</i>		-	INV	GNR	SNR
<i>Willow oak forest</i>		-	INV	GNR	S2

Lafayette County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Special Elements-Other</b>					
	<i>Colonial nesting site, swallows &amp; swifts</i>	-	INV	GNR	SNR
	<i>Colonial nesting site, water birds</i>	-	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
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Bactrurus pseudomucronatus</i>	false sword-tailed cave amphipod	-	INV	G2G3	S1
<i>Caecidotea salemensis</i>	an isopod	-	INV	G4	SNR
<i>Cicindela duodecimguttata</i>	twelve-spotted tiger beetle	-	INV	G5	S3S4
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4	S2
<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	INV	G1T1	S1
<i>Epioblasma triquetra</i>	snuffbox	-	INV	G3	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	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	INV	G1G2	S1
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lucanus elephus</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>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Simpsonaias ambigua</i>	salamander mussel	-	INV	G3	S1
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	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
<b>Animals-Vertebrates</b>					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	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	G3G4Q	S3S4
<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>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Myotis lucifugus</i>	little brown bat	-	MON	G5	S3
<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>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2

Lawrence County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Taxidea taxus</i>	American badger	-	INV	G5	S1S2
<b>Plants-Vascular</b>					
<i>Brickellia grandiflora</i>	tassel flower	-	INV	G5	S2
<i>Carex muskingumensis</i>	palm caric sedge	-	INV	G4	S1
<i>Carex pellita</i>	a caric sedge	-	INV	G5	SH
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Dryopteris celsa</i>	log fern	-	INV	G4	S2
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2	S2
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Phacelia gilioides</i>	hairy scorpionweed	-	INV	G5	S2S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Platanthera peramoena</i>	purple fringeless-orchid	-	ST	G5	S2
<i>Sedum ternatum</i>	woodland stonecrop	-	INV	G5	S3
<i>Sium suave</i>	water parsnip	-	INV	G5	S1S3
<i>Tradescantia subaspera</i>	zigzag spiderwort	-	INV	G5	S1S3
<b>Special Elements-Natural Communities</b>					
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
<b>Animals-Invertebrates</b>					
<i>Potamilus capax</i>	fat pocketbook	LE	INV	G1G2	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<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>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Carex kraliana</i>	Kral's caric sedge	-	INV	G5	S1S2
<i>Carex normalis</i>	a caric sedge	-	INV	G5	S1
<i>Carex willdenowii</i>	Willdenow's caric sedge	-	INV	G5	S1
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Osmorhiza claytonii</i>	Clayton's sweet cicely	-	INV	G5	S1S3
<i>Schisandra glabra</i>	climbing magnolia	-	INV	G3	S2S3
<i>Spiranthes ovalis var. ovalis</i>	southern oval ladies'-tresses	-	INV	G5?T3T4	S2S3
<i>Zannichellia palustris</i>	horned pondweed	-	INV	G5	S2S3
<b>Special Elements-Natural Communities</b>					
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
<b>Animals-Invertebrates</b>					
<i>Catocala lincolnana</i>	Lincoln underwing	-	INV	G3	S3
<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
<b>Animals-Vertebrates</b>					
<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>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Pandion haliaetus</i>	Osprey	-	INV	G5	S1B,S4N
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Agalinis homalantha</i>	San Antonio false-foxglove	-	INV	G5	S1
<i>Bergia texana</i>	Texas bergia	-	INV	G5	S2
<i>Carex striatula</i>	a caric sedge	-	INV	G4G5	S3S4
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Eleocharis tortilis</i>	twisted spike rush	-	INV	G5	S1
<i>Eriocaulon decangulare</i>	hatpins	-	INV	G5	S1S2
<i>Eryngium integrifolium</i>	blue-flowered eryngo	-	INV	G5	S2
<i>Eupatorium hyssopifolium</i> var. <i>hyssopifolium</i>	hyssop-leaved boneset	-	INV	G5T5	S3
<i>Fuirena bushii</i>	Bush's umbrella-grass	-	INV	G5	S3
<i>Gymnopogon brevifolius</i>	shortleaf skeletongrass	-	INV	G5	S2
<i>Scleria muehlenbergii</i>	Muhlenberg's nutsedge	-	INV	G5	S1S2
<b>Special Elements-Natural Communities</b>					
Submesic oak-hickory forest		-	INV	GNR	S1
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	INV	G1	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	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	INV	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</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Tetraopes quinque maculatus</i>	a red milkweed beetle	-	INV	GNR	S1S2
<b>Animals-Vertebrates</b>					
<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>Notropis atrocaudalis</i>	blackspot shiner	-	INV	G4	S3
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Pteronotropsis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<i>Tyrannus verticalis</i>	Western Kingbird	-	INV	G5	S1B,S1N
<b>Plants-Vascular</b>					
<i>Agalinis homalanthia</i>	San Antonio false-foxglove	-	INV	G5	S1
<i>Allium drummondii</i>	Drummond's wild onion	-	INV	G5	S1
<i>Amorpha paniculata</i>	panicled indigo bush	-	ST	G2G3	S1
<i>Astragalus crassicaarpus var. crassicaarpus</i>	a ground plum	-	INV	G5T5	S2
<i>Astragalus nuttallianus var. nuttallianus</i>	Nuttall's milkvetch	-	INV	G5TNR	S1
<i>Bouteloua rigidiseta</i>	Texas grama	-	SE	G5	S1
<i>Carex microdonta</i>	a caric sedge	-	INV	G4	S2S3
<i>Carex planostachys</i>	a caric sedge	-	INV	G5	S1
<i>Condalia hookeri</i>	capul negro	-	INV	G5	S1
<i>Convolvulus equitans</i>	Texas bindweed	-	INV	G5	S1
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Dalea compacta var. compacta</i>	a prairie clover	-	INV	G5T4	S2
<i>Dalea compacta var. pubescens</i>	a prairie clover	-	INV	G5T5	SH
<i>Diaperia prolifera</i>	rabbit tobacco	-	INV	G5	S1S3
<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>	a buckwheat	-	INV	G5	S1
<i>Evolvulus nuttallianus</i>	Nuttall's dwarf morning glory	-	INV	G5	S3
<i>Fuirena simplex var. aristulata</i>	umbrella-grass	-	INV	G5T4	S1
<i>Habenaria repens</i>	water-spider orchid	-	INV	G5	S2

Little River County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Hexalectris spicata</i> var. <i>spicata</i>	crested coralroot	-	INV	G5T4T5	S2
<i>Indigofera miniata</i> var. <i>leptosepala</i>	scarlet pea	-	ST	G5T4Q	S2
<i>Juniperus ashei</i>	Ashe's juniper	-	INV	G5	S3
<i>Liatris squarrosa</i> var. <i>squarrosa</i>	loosescale gayfeather	-	INV	G5T5	S1
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Lupinus texensis</i>	Texas bluebonnet	-	INV	G5	S1
<i>Machaeranthera pinnatifida</i>	lacy tansy-aster	-	INV	G5	SU
<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>	an evening primrose	-	INV	G5	SH
<i>Penstemon cobaea</i>	showy beard-tongue	-	INV	G4	S3
<i>Physaria gracilis</i> ssp. <i>gracilis</i>	a bladderpod	-	INV	G5T4	S1
<i>Podostemum ceratophyllum</i>	riverweed	-	INV	G5	S3
<i>Quercus sinuata</i>	Durand's white oak	-	ST	G4G5	S2
<i>Rhus trilobata</i> var. <i>trilobata</i>	skunkbrush sumac	-	INV	G5T5	S1
<i>Rhynchospora caduca</i>	falling beakrush	-	INV	G5	S2S3
<i>Rhynchospora colorata</i>	white top sedge	-	SE	G5	S1
<i>Rudbeckia maxima</i>	giant coneflower	-	INV	G4?	S3
<i>Ruellia humilis</i> var. <i>depauperata</i>	a wild petunia	-	INV	G5T3T4Q	S1
<i>Solidago auriculata</i>	clasping goldenrod	-	INV	G4	S2
<i>Sophora affinis</i>	Eve's necklace	-	INV	G4	S2S3
<i>Stenosiphon linifolius</i>	false gaura	-	ST	G5	S1
<i>Thalictrum arkansanum</i>	Arkansas meadow rue	-	ST	G2Q	S2
<i>Zephyranthes chlorosolen</i>	rain lily	-	INV	G5	S1S2
<b>Special Elements-Natural Communities</b>					
Juniperus ashei 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
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<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	LT	INV	G1	S1
<i>Isoperla szczytkoi</i>	Magazine stripetail	-	INV	G1	S1
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S3
<i>Lucanus elephus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Nicrophorus americanus</i>	American burying beetle	LE	INV	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>Pseudactium magazinensis</i>	Ouachita pseudactium	-	INV	GNR	S1
<i>Scaphinotus parisiana</i>	a ground beetle	-	INV	GNR	S1
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Stygobromus elatus</i>	elevated spring amphipod	-	INV	G1G2	SU
<b>Animals-Vertebrates</b>					
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	-	INV	G5	S1
<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 milk snake	-	INV	G5T4	S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G3	S1
<i>Myotis lucifugus</i>	little brown bat	-	MON	G5	S3
<i>Notropis girardi</i>	Arkansas River shiner	LT	INV	G2	SX
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Amorpha ouachitensis</i>	Ouachita indigo bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Callirhoe bushii</i>	Bush's poppy mallow	-	INV	G3	S3
<i>Camassia angusta</i>	wild hyacinth	-	INV	G5?Q	S2S3
<i>Carex pensylvanica</i>	Pennsylvania caric sedge	-	INV	G5	S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Dennstaedtia punctilobula</i>	hay-scented cup fern	-	INV	G5	S2
<i>Deschampsia flexuosa</i>	crinkled hairgrass	-	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 koermickianum</i>	small-headed pipewort	-	SE	G2	S2
<i>Erysimum capitatum var. capitatum</i>	western wallflower	-	INV	G5T5	S2
<i>Gentiana saponaria var. saponaria</i>	soapwort gentian	-	INV	G5T5	S3
<i>Liatris compacta</i>	Ouachita blazing star	-	INV	G5T3	S3
<i>Lilium superbum</i>	turk's-cap lily	-	INV	G5	S1

Logan County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Melanthium woodii</i>	false hellebore	-	INV	G5	S3
<i>Mimulus floribundus</i>	yellow monkey flower	-	INV	G5	S2S3
<i>Paronychia virginica</i>	nailwort	-	INV	G4	S2
<i>Quercus acerifolia</i>	maple-leaved oak	-	ST	G1	S1
<i>Quercus coccinea</i>	scarlet oak	-	INV	G5	S2S3
<i>Ribes curvatum</i>	granite gooseberry	-	INV	G4	S3
<i>Ribes cynosbati</i>	prickly gooseberry	-	INV	G5	S2S3
<i>Spiranthes lacera</i> var. <i>lacera</i>	northern slender ladies'-tresses	-	INV	G5T5	S1
<i>Stachys eplingii</i>	Epling's hedgenettle	-	INV	G5	S3
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<i>Woodsia scopulina</i> ssp. <i>appalachiana</i>	Appalachian Mountain cliff fern	-	INV	G4	S1
<b>Special Elements-Natural Communities</b>					
Central Interior Highlands Dry Acidic Glade and Barrens		-	INV	GNR	SNR
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Gryllotalpa major</i>	prairie mole cricket	-	INV	G3	S1S2
<b>Animals-Vertebrates</b>					
<i>Deirochelys reticularia miaria</i>	western chicken turtle	-	INV	G5T5	S3
<i>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Porphyrio martinica</i>	Purple Gallinule	-	INV	G5	S1B
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<b>Plants-Vascular</b>					
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G4?	S2
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening primrose	-	ST	G5T2	S2
<i>Spiraea tomentosa</i>	hardhack	-	INV	G5	S2
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Tridens ambiguus</i>	pine barren tridens	-	INV	G4	S1
<i>Zannichellia palustris</i>	horned pondweed	-	INV	G5	S2S3
<b>Special Elements-Natural Communities</b>					
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
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Allocapnia jeanae</i>	a winter stonefly	-	INV	G2	S1?
<i>Allocapnia ozarkana</i>	a winter stonefly	-	INV	G2	S1?
<i>Arrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S1?
<i>Caecidotea steevesi</i>	an isopod	-	INV	G3G4	S1?
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S1?
<i>Cambarus causeyi</i>	a crayfish	-	INV	G1	S1
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Hydroporus ouachitus</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Orconectes neglectus chaenodactylus</i>	ringed crayfish	-	INV	G5T3	S2
<i>Orconectes williamsi</i>	William's crayfish	-	INV	G3	S1
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Stygebromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S1
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<b>Animals-Vertebrates</b>					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	INV	G4T1	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Myotis sodalis</i>	Indiana bat	LE	INV	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>Rana sylvatica</i>	wood frog	-	INV	G5	S3
<b>Plants-Vascular</b>					
<i>Amorpha canescens</i>	leadplant	-	INV	G5	S1
<i>Argyroschosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Bromus nottowanus</i>	satin brome	-	INV	G3G5	S2
<i>Carex mesochorea</i>	a caric sedge	-	INV	G4G5	S2
<i>Carex sparganioides</i>	a caric sedge	-	INV	G5	S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Eriocaulon koermickianum</i>	small-headed pipewort	-	SE	G2	S2
<i>Euonymus obovatus</i>	running strawberry bush	-	INV	G5	S3
<i>Evolvulus nuttallianus</i>	Nuttall's dwarf morning glory	-	INV	G5	S3
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3

**Madison County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Huperzia lucidula</i>	shining club-moss	-	INV	G5	S2S3
<i>Juniperus ashei</i>	Ashe's juniper	-	INV	G5	S3
<i>Leavenworthia uniflora</i>	glade cress	-	INV	G4	S3
<i>Lilium superbum</i>	turk's-cap lily	-	INV	G5	S1
<i>Marshallia caespitosa</i> var. <i>caespitosa</i>	Barbara's buttons	-	INV	G4T4	S2
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Osmorhiza claytonii</i>	Clayton's sweet cicely	-	INV	G5	S1S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Platanthera flava</i> var. <i>flava</i>	southern tubercled-orchid	-	ST	G4T4?Q	S2S3
<i>Prosartes lanuginosa</i>	yellow mandarin	-	INV	G5	S2
<i>Sedum ternatum</i>	woodland stonecrop	-	INV	G5	S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Symphotrichum sericeum</i>	silky aster	-	INV	G5	S2
<i>Trichomanes boschianum</i>	Appalachian filmy fern	-	ST	G4	S2S3
<i>Trillium pusillum</i> var. <i>ozarkanum</i>	Ozark least trillium	-	INV	G3T3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Viburnum molle</i>	soft-leaved arrow-wood	-	INV	G5	S1
<b>Special Elements-Natural Communities</b>					
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
Ozark-Ouachita Mesic Hardwood Forest		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S1?
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S1?
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Epioblasma triquetra</i>	snuffbox	-	INV	G3	S1
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Millerelix peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Rimulincola divalis</i>	a beetle	-	INV	G1	S1
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<b>Animals-Vertebrates</b>					
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	INV	G4T1	S1
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	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>Lampetra appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Myotis sodalis</i>	Indiana bat	LE	INV	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Rana sylvatica</i>	wood frog	-	INV	G5	S3
<b>Plants-Vascular</b>					
<i>Amorpha canescens</i>	leadplant	-	INV	G5	S1
<i>Arabis shortii</i> var. <i>shortii</i>	Short's rockcress	-	INV	G5T5	S1
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Asclepias incarnata</i> ssp. <i>incarnata</i>	northern 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 hitchcockiana</i>	Hitchcock's caric sedge	-	INV	G5	S1S2
<i>Carex mesochorea</i>	a caric sedge	-	INV	G4G5	S2
<i>Carex pellita</i>	a caric sedge	-	INV	G5	SH
<i>Carex sparganioides</i>	a caric sedge	-	INV	G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex suberecta</i>	a caric sedge	-	INV	G4	S2
<i>Carex timida</i>	a caric sedge	-	INV	G2G3	S2S3
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<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>Evolvulus nuttallianus</i>	Nuttall's dwarf morning glory	-	INV	G5	S3
<i>Heuchera parviflora</i> var. <i>puberula</i>	alumroot	-	INV	G4T3T4	S3

Marion County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Juniperus ashei</i>	Ashe's juniper	-	INV	G5	S3
<i>Leavenworthia uniflora</i>	glade cress	-	INV	G4	S3
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Pediomelum esculentum</i>	prairie turnip	-	INV	G5	S2
<i>Penstemon cobaea</i>	showy beard-tongue	-	INV	G4	S3
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Philadelphus hirsutus</i>	mock orange	-	INV	G5	S2S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Rhynchospora capillacea</i>	capillary beakrush	-	INV	G4	S2
<i>Ribes cynosbati</i>	prickly gooseberry	-	INV	G5	S2S3
<i>Sedum ternatum</i>	woodland stonecrop	-	INV	G5	S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Spiranthes lucida</i>	shining ladies'-tresses	-	INV	G5	S2
<i>Stylophorum diphyllum</i>	celandine poppy	-	INV	G5	S3
<i>Symphotrichum sericeum</i>	silky aster	-	INV	G5	S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Waldsteinia fragarioides</i>	barren strawberry	-	INV	G5	S1
<b>Special Elements-Natural Communities</b>					
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
<b>Animals-Invertebrates</b>					
<i>Faxonella blairi</i>	a crayfish	-	INV	G2	S1
<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
<b>Animals-Vertebrates</b>					
<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>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Nerodia cyclopion</i>	Mississippi green water snake	-	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>Reithrodontomys humulis</i>	eastern harvest mouse	-	INV	G5	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Agalinis homalantha</i>	San Antonio false-foxglove	-	INV	G5	S1
<i>Aletris aurea</i>	golden colicroot	-	INV	G5	S1S2
<i>Alophia drummondii</i>	purple pleat-leaf	-	INV	G4	S2
<i>Amorpha paniculata</i>	panicled indigo bush	-	ST	G2G3	S1
<i>Aristida lanosa</i>	woolly threeawn	-	INV	G5	S2
<i>Asimina parviflora</i>	dwarf pawpaw	-	INV	G5	S2S3
<i>Astragalus leptocarpus</i>	slimpod milkvetch	-	INV	G5	S2
<i>Astragalus soxmaniorum</i>	Soxman's milkvetch	-	INV	G3	S2
<i>Azolla caroliniana</i>	Carolina mosquito fern	-	INV	G5	SH
<i>Berlandiera pumila var. pumila</i>	green eyes	-	INV	G4G5TNR	S1
<i>Bouteloua hirsuta</i>	hairy grama	-	SE	G5	S1
<i>Bulbostylis ciliatifolia var. coarctata</i>	hairsedge	-	INV	G5T3T5	SNR
<i>Carex decomposita</i>	epiphytic caric sedge	-	INV	G3	S2
<i>Coreopsis intermedia</i>	a tickseed	-	INV	G3	S1
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Dalea phleoides var. microphylla</i>	little-leaved prairie clover	-	ST	G4T4	S1
<i>Dalea villosa var. grisea</i>	silky prairie clover	-	SE	G5T4	S1
<i>Delphinium carolinianum ssp. vimineum</i>	Carolina larkspur	-	INV	G5T5	S2
<i>Echinacea sanguinea</i>	red coneflower	-	ST	G3G5	S2S3
<i>Engelmannia peristenia</i>	Engelmann's daisy	-	INV	G5	S1
<i>Eryngium integrifolium</i>	blue-flowered eryngo	-	INV	G5	S2
<i>Fuirena bushii</i>	Bush's umbrella-grass	-	INV	G5	S3
<i>Geranium texanum</i>	Texas cranesbill	-	INV	G4	SH

Miller County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Loeflingia squarrosa</i>	loeflingia	-	INV	G5	S1
<i>Lycopodiella appressa</i>	appressed bog club-moss	-	INV	G5	S3
<i>Matelea cynanchoides</i>	milkweed vine	-	SE	G4G5	S1
<i>Mitreola sessilifolia</i>	swamp hornpod	-	INV	G4G5	S2
<i>Monarda lindheimeri</i>	Lindheimer's beebalm	-	INV	G4	S1
<i>Nyssa biflora</i>	swamp black gum	-	INV	G5	S3
<i>Oenothera heterophylla ssp. heterophylla</i>	an evening primrose	-	INV	G4TNR	S1
<i>Oenothera rhombipetala</i>	an evening primrose	-	INV	G4G5	S3
<i>Pediomelum digitatum</i>	palm-leaved scurf-pea	-	ST	G5	S1
<i>Pediomelum hypogaeum var. subulatum</i>	buried breadroot	-	SE	G5T4	S1
<i>Persea borbonia</i>	red bay	-	SE	G5	SH
<i>Phemeranthus rugospermus</i>	rough-seeded fame flower	-	INV	G3G4	S1
<i>Prunus gracilis</i>	sand plum	-	INV	G4G5	S1
<i>Quercus arkansana</i>	Arkansas oak	-	INV	G3	S3
<i>Rhynchospora caduca</i>	falling beakrush	-	INV	G5	S2S3
<i>Rhynchospora gracilentata</i>	slender beakrush	-	INV	G5	S2
<i>Rhynchospora rariflora</i>	fewflower beakrush	-	ST	G5	S1S2
<i>Selaginella arenicola ssp. riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Sophora affinis</i>	Eve's necklace	-	INV	G4	S2S3
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus hyacinthoides</i>	a twistflower	-	ST	G4	S2
<i>Tetragonotheca ludoviciana</i>	Louisiana squarehead	-	SE	G4	S1
<i>Thalictrum arkansanum</i>	Arkansas meadow rue	-	ST	G2Q	S2
<i>Tillandsia usneoides</i>	Spanish moss	-	INV	G5	S3
<i>Tradescantia reverchonii</i>	Reverchon's spiderwort	-	INV	G4	S3
<i>Tragia smallii</i>	Small's noseburn	-	INV	G4?	S1
<i>Vicia ludoviciana ssp. leavenworthii</i>	deer pea vetch	-	INV	G5T5	S1S2
<b>Special Elements-Natural Communities</b>					
Forested canebrake		-	INV	GNR	S1
Lowland meander scar lake		-	INV	GNR	SNR
Lowland pine-oak forest		-	INV	GNR	S1
Shrub swamp		-	INV	GNR	S3
West Gulf Coastal Plain Sandhill Oak & Shortleaf Pine Forest & Woodland		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Lucanus elephus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Potamilus capax</i>	fat pocketbook	LE	INV	G1G2	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<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>Nerodia cyclopion</i>	Mississippi green water snake	-	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>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Carex normalis</i>	a caric sedge	-	INV	G5	S1
<i>Magnolia macrophylla</i>	bigleaf magnolia	-	SE	G5	S1
<i>Mentha arvensis</i>	field mint	-	INV	G5	S1
<b>Special Elements-Natural Communities</b>					
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Cicindela cursitans</i>	ant-like tiger beetle	-	INV	G5	S2S3
<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	INV	G2	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<b>Animals-Vertebrates</b>					
<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>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>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>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	INV	G3	S2
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<b>Plants-Vascular</b>					
<i>Carex davisii</i>	Davis' caric sedge	-	INV	G4	S3
<i>Carex gigantea</i>	giant caric sedge	-	INV	G4	S1S2
<i>Carex opaca</i>	a caric sedge	-	SE	G5T4	S2S3
<i>Eleocharis wolfii</i>	Wolf's spike rush	-	INV	G3G4	S3
<i>Minuartia drummondii</i>	a sandwort	-	INV	G5	S2S3
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening primrose	-	ST	G5T2	S2
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<b>Special Elements-Natural Communities</b>					
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
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Cordulegaster talaria</i>	Ouachita spiketail	-	INV	GNR	S1
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Fallicambarus harpi</i>	a crayfish	-	INV	G1	S1
<i>Gomphus ozarkensis</i>	Ozark Clubtail Dragonfly	-	INV	G4	S1
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	INV	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	G5	S2
<i>Lucanus elephus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Ophiogomphus westfalli</i>	Ozark snaketail dragonfly	-	INV	G3	S1S2
<i>Orconectes menae</i>	a crayfish	-	INV	G3	S3
<i>Pentacora ouachita</i>	Ouachita shore bug	-	INV	GNR	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Procambarus parasimulans</i>	a crayfish	-	INV	G4	S2
<i>Procambarus tenuis</i>	a 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</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Stenotrema unciferum</i>	Ouachita slitmouth	-	INV	G2	SNR
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	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
<b>Animals-Vertebrates</b>					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Dendroica virens</i>	Black-throated Green Warbler	-	INV	G5	S2B,S5N
<i>Etheostoma pallidiorum</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>Lythrurus snelsoni</i>	Ouachita shiner	-	INV	G3	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?
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	-	INV	G2	S2
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3

Montgomery County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Plants-Vascular</b>					
<i>Acer saccharum</i> var. <i>leucoderme</i>	chalk maple	-	INV	G5	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>	Grave's hybrid spleenwort	-	INV	GNA	S1
<i>Cardamine angustata</i>	slender toothwort	-	INV	G5	S2
<i>Carex bromoides</i> ssp. <i>bromoides</i>	a caric sedge	-	INV	G5T5	S2
<i>Carex emoryi</i>	Emory's caric sedge	-	INV	G5	S1
<i>Carex gracilescens</i>	a caric sedge	-	INV	G5?	S2
<i>Carex laevivaginata</i>	a caric sedge	-	INV	G5	S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Carex leptalea</i> var. <i>harperi</i>	threadstem caric sedge	-	INV	G5T4T5	S2S3
<i>Carex pennsylvanica</i>	Pennsylvania caric sedge	-	INV	G5	S3
<i>Carex prasina</i>	drooping caric sedge	-	INV	G4	SH
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex timida</i>	a caric sedge	-	INV	G2G3	S2S3
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<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 larkspur	-	INV	G3	S3
<i>Dennstaedtia punctilobula</i>	hay-scented cup 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>	southern hybrid log fern	-	INV	GNA	S1
<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-headed pipewort	-	SE	G2	S2
<i>Euphorbia longicuris</i>	wedgeleaf spurge	-	INV	G4G5	S1
<i>Euphorbia tetrapora</i>	weak spurge	-	INV	G4	S1
<i>Galium arkansanum</i> var. <i>pubiflorum</i>	Arkansas bedstraw	-	INV	G5T2Q	S2
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Hedyotis ouachitana</i>	Ouachita bluets	-	INV	G3	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>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Ilex decidua</i> var. <i>longipes</i>	Georgia holly	-	INV	G5	S3
<i>Iris verna</i>	dwarf iris	-	INV	G5	S2
<i>Liatris compacta</i>	Ouachita blazing star	-	INV	G5T3	S3
<i>Luzula acuminata</i> var. <i>carolinae</i>	hairy wood rush	-	INV	G5T4T5	S2
<i>Marshallia caespitosa</i> var. <i>caespitosa</i>	Barbara's buttons	-	INV	G4T4	S2
<i>Melanthium woodii</i>	false hellebore	-	INV	G5	S3
<i>Osmorhiza claytonii</i>	Clayton's sweet cicely	-	INV	G5	S1S3
<i>Parnassia grandifolia</i>	large-leaved grass-of-Parnassus	-	INV	G3	S3
<i>Paronychia virginica</i>	nailwort	-	INV	G4	S2
<i>Pilularia americana</i>	American pillwort	-	INV	G5	S2
<i>Platanthera flava</i> var. <i>flava</i>	southern tubercled-orchid	-	ST	G4T4?Q	S2S3



Montgomery County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Podostemum ceratophyllum</i>	riverweed	-	INV	G5	S3
<i>Polymnia cossatotensis</i>	Cossatot leafcup	-	INV	G1	S1
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Quercus acerifolia</i>	maple-leaved oak	-	ST	G1	S1
<i>Rhynchospora caduca</i>	falling beakrush	-	INV	G5	S2S3
<i>Ribes curvatum</i>	granite gooseberry	-	INV	G4	S3
<i>Sanicula smallii</i>	black snakeroot	-	INV	G5	S3
<i>Sedum ternatum</i>	woodland stonecrop	-	INV	G5	S3
<i>Selaginella arenicola ssp. riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Sium suave</i>	water parsnip	-	INV	G5	S1S3
<i>Solidago auriculata</i>	clasping goldenrod	-	INV	G4	S2
<i>Solidago delicatula</i>	a goldenrod	-	INV	G5TNR	S1
<i>Solidago ouachitensis</i>	Ouachita Mountain goldenrod	-	INV	G3	S3
<i>Stachys eplingii</i>	Epling's hedgenettle	-	INV	G5	S3
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus ssp. obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Streptanthus squamiformis</i>	a twistflower	-	ST	G2	S2
<i>Thelypteris noveboracensis</i>	New York fern	-	INV	G5	S3
<i>Tradescantia longipes</i>	dwarf spiderwort	-	INV	G4	S2
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trillium pusillum var. ozarkanum</i>	Ozark least trillium	-	INV	G3T3	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>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<b>Special Elements-Natural Communities</b>					
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
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Bouchardina robisoni</i>	a crayfish	-	INV	G1	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	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G5	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>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Alosa alabamae</i>	Alabama shad	-	INV	G3	S1S2
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<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>Micrurus tener tener</i>	Texas coral snake	-	INV	G5T5	S2
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<b>Plants-Vascular</b>					
<i>Aristida desmantha</i>	curly threeawn	-	INV	G5	S1
<i>Aristida lanosa</i>	woolly threeawn	-	INV	G5	S2
<i>Astragalus leptocarpus</i>	slimpod milkvetch	-	INV	G5	S2
<i>Astragalus soxmaniorum</i>	Soxman's milkvetch	-	INV	G3	S2
<i>Bulbostylis ciliatifolia var. ciliatifolia</i>	hairsedge	-	INV	G5T3T5	SNR
<i>Carex leptalea var. harperi</i>	threadstem caric sedge	-	INV	G5T4T5	S2S3
<i>Coreopsis basalis</i>	a tickseed	-	INV	G5	S2
<i>Cyperus grayoides</i>	Mohlenbrock's flatsedge	-	INV	G3	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Danthonia sericea</i>	downy oatgrass	-	INV	G5?	S1
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eriogonum multiflorum var. multiflorum</i>	many-flowered buckwheat	-	INV	G5T3T5	S3
<i>Halesia diptera</i>	two-winged silverbell	-	SE	G5	SH
<i>Oenothera rhombipetala</i>	an evening primrose	-	INV	G4G5	S3
<i>Penstemon murrayanus</i>	scarlet beard-tongue	-	ST	G4	S2
<i>Phacelia strictiflora var. robbinsii</i>	Robbin's scorpionweed	-	INV	G5T4	S1S2
<i>Polanisia erosa ssp. erosa</i>	clammyweed	-	INV	G5T5	S1S2
<i>Pseudolycopodiella caroliniana</i>	Carolina bog club-moss	-	INV	G5T4	S1

Nevada County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Quercus arkansana</i>	Arkansas oak	-	INV	G3	S3
<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>	redberry greenbrier	-	INV	G5	S2S3
<i>Sophora affinis</i>	Eve's necklace	-	INV	G4	S2S3
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Streptanthus hyacinthoides</i>	a 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>Trifolium bejariense</i>	Bejar clover	-	INV	G4	SH

**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
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Alasmidonta viridis</i>	slippershell mussel	-	INV	G4G5	S1
<i>Arrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S1?
<i>Caecidotea macropropoda</i>	bat cave isopod	-	INV	G2G3	S1
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S1?
<i>Cambarus causeyi</i>	a crayfish	-	INV	G1	S1
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4	S2
<i>Crosbyella distincta</i>	a cave obligate harvestman	-	INV	G1G2	S1
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Heterosternuta phoebeae</i>	a predaceous diving beetle	-	INV	GNR	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S3
<i>Pseudactium ursum</i>	Ozark pseudactium	-	INV	GNR	S1
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Scaphinotus inflectus</i>	a ground beetle	-	INV	GNR	S1
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	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
<b>Animals-Vertebrates</b>					
<i>Accipiter striatus</i>	Sharp-shinned Hawk	-	INV	G5	S1S2B
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	INV	G4T1	S1
<i>Dendroica cerulea</i>	Cerulean Warbler	-	INV	G4	S4B
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Lampetra appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G3	S1
<i>Myotis sodalis</i>	Indiana bat	LE	INV	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Rana sylvatica</i>	wood frog	-	INV	G5	S3
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
<b>Plants-Vascular</b>					
<i>Abutilon incanum</i>	Texas Indian mallow	-	INV	G5?	S1S2
<i>Arnoglossum reniforme</i>	great Indian plantain	-	INV	G4	S2
<i>Brickellia grandiflora</i>	tassel flower	-	INV	G5	S2
<i>Carex careyana</i>	Carey's caric sedge	-	INV	G4G5	S3
<i>Carex hitchcockiana</i>	Hitchcock's caric sedge	-	INV	G5	S1S2

Newton County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex laxiflora</i>	a caric sedge	-	INV	G5	S3
<i>Carex shortiana</i>	Short's caric sedge	-	INV	G5	S2
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<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 larkspur	-	INV	G3	S3
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Dodecatheon frenchii</i>	French's shooting star	-	ST	G3	S2
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Heuchera parviflora</i> var. <i>puberula</i>	alumroot	-	INV	G4T3T4	S3
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Huperzia lucidula</i>	shining club-moss	-	INV	G5	S2S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Juniperus ashei</i>	Ashe's juniper	-	INV	G5	S3
<i>Leavenworthia uniflora</i>	glade cress	-	INV	G4	S3
<i>Lilium superbum</i>	turk's-cap lily	-	INV	G5	S1
<i>Melanthium woodii</i>	false hellebore	-	INV	G5	S3
<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>	Clayton's sweet cicely	-	INV	G5	S1S3
<i>Phacelia gillioides</i>	hairy scorpionweed	-	INV	G5	S2S3
<i>Philadelphus hirsutus</i>	mock orange	-	INV	G5	S2S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Prosartes lanuginosa</i>	yellow mandarin	-	INV	G5	S2
<i>Silene ovata</i>	ovate-leaved catchfly	-	ST	G3	S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Smilax ecirrata</i>	carrion-flower	-	INV	G5?	SH
<i>Stachys eplingii</i>	Epling's hedgenettle	-	INV	G5	S3
<i>Stylophorum diphyllum</i>	celandine poppy	-	INV	G5	S3
<i>Symphotrichum sericeum</i>	silky aster	-	INV	G5	S2
<i>Thelypteris noveboracensis</i>	New York fern	-	INV	G5	S3
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trillium pusillum</i> var. <i>ozarkanum</i>	Ozark least trillium	-	INV	G3T3	S3
<i>Viola canadensis</i> var. <i>canadensis</i>	Canada violet	-	INV	G5T5	S2

**Special Elements-Natural Communities**

Central Interior Highlands & Appalachian Sinkhole & Depressional 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
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	INV	G1	S1
<i>Cicindela formosa pigmentosignata</i>	big sand tiger beetle	-	INV	G5T5	S2S3
<i>Cumberlandia monodonta</i>	spectaclecase	C	INV	G3	S1
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	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	G5	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>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	INV	G1	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Acipenser fulvescens</i>	lake sturgeon	-	INV	G3G4	S1
<i>Alosa alabamae</i>	Alabama shad	-	INV	G3	S1S2
<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>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>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>Pteronotropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<b>Plants-Vascular</b>					
<i>Alophia drummondii</i>	purple pleat-leaf	-	INV	G4	S2
<i>Aristida lanosa</i>	woolly threeawn	-	INV	G5	S2
<i>Astragalus leptocarpus</i>	slimpod milkvetch	-	INV	G5	S2
<i>Astragalus soxmaniorum</i>	Soxman's milkvetch	-	INV	G3	S2
<i>Bulbostylis ciliatifolia var. coarctata</i>	hairsedge	-	INV	G5T3T5	SNR
<i>Chamaelirium luteum</i>	devil's bit	-	INV	G5	S3
<i>Coreopsis basalis</i>	a tickseed	-	INV	G5	S2

Ouachita County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Cyperus grayoides</i>	Mohlenbrock's flatsedge	-	INV	G3	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium carolinianum</i> ssp. <i>vimineum</i>	Carolina larkspur	-	INV	G5T5	S2
<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>Eleocharis tortilis</i>	twisted spike rush	-	INV	G5	S1
<i>Eriogonum multiflorum</i> var. <i>multiflorum</i>	many-flowered buckwheat	-	INV	G5T3T5	S3
<i>Nyssa biflora</i>	swamp black gum	-	INV	G5	S3
<i>Oenothera rhombipetala</i>	an evening primrose	-	INV	G4G5	S3
<i>Penstemon murrayanus</i>	scarlet beard-tongue	-	ST	G4	S2
<i>Phacelia strictiflora</i> var. <i>robbinsii</i>	Robbin's scorpionweed	-	INV	G5T4	S1S2
<i>Phemeranthus rugospermus</i>	rough-seeded fame flower	-	INV	G3G4	S1
<i>Polanisia erosa</i> ssp. <i>erosa</i>	clammyweed	-	INV	G5T5	S1S2
<i>Quercus arkansana</i>	Arkansas oak	-	INV	G3	S3
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Smilax walteri</i>	redberry greenbrier	-	INV	G5	S2S3
<i>Solidago nitida</i>	a goldenrod	-	INV	G4?	S3
<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>Stewartia malacodendron</i>	silky camellia	-	SE	G4	S1
<i>Streptanthus hyacinthoides</i>	a twistflower	-	ST	G4	S2
<i>Stylisma aquatica</i>	water dawnflower	-	INV	G4	S1S2
<i>Stylisma pickeringii</i> var. <i>pattersonii</i>	Patterson's dawnflower	-	INV	G4T4	S2
<i>Tradescantia reverchonii</i>	Reverchon's spiderwort	-	INV	G4	S3
<b>Special Elements-Natural Communities</b>					
<i>West Gulf Coastal Plain Sandhill Oak &amp; Shortleaf Pine Forest &amp; Woodland</i>		-	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
<b>Animals-Invertebrates</b>					
<i>Alloperla caddo</i>	Caddo sallfly	-	INV	G2	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Leptodea leptodon</i>	scaleshell	LE	INV	G1G2	S1
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Ochrotrichia robisoni</i>	a microcaddisfly	-	INV	G1G3	S1
<i>Procambarus ferrugineus</i>	a crayfish	-	INV	G1Q	S1
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<b>Animals-Vertebrates</b>					
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<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>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	INV	G3	S2
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5	S2
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<b>Plants-Vascular</b>					
<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 sandreed	-	INV	G2	S1
<i>Carex pensylvanica</i>	Pennsylvania caric sedge	-	INV	G5	S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Cypripedium 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
<i>Hedyotis ouachitana</i>	Ouachita bluets	-	INV	G3	S3
<i>Helianthus occidentalis ssp. plantagineus</i>	plantain-leaf sunflower	-	INV	G5T2T3	S1
<i>Liatris compacta</i>	Ouachita blazing star	-	INV	G5T3	S3
<i>Marshallia caespitosa var. signata</i>	Barbara's buttons	-	INV	G4T4	S1
<i>Philadelphus hirsutus</i>	mock orange	-	INV	G5	S2S3
<i>Podostemum ceratophyllum</i>	riverweed	-	INV	G5	S3
<i>Potamogeton pulcher</i>	spotted pondweed	-	INV	G5	S3
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Stachys eplingii</i>	Epling's hedgenettle	-	INV	G5	S3
<i>Uvularia perfoliata</i>	perfoliate bellwort	-	INV	G5	S3
<i>Woodsia scopulina ssp. appalachiana</i>	Appalachian Mountain cliff fern	-	INV	G4	S1
<i>Xyris difformis var. difformis</i>	a yellow-eyed grass	-	INV	G5T5	S2
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Lucanus elephus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Potamilus capax</i>	fat pocketbook	LE	INV	G1G2	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<b>Animals-Vertebrates</b>					
<i>Acipenser fulvescens</i>	lake sturgeon	-	INV	G3G4	S1
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<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>Scaphirhynchus albus</i>	pallid sturgeon	LE	INV	G2	S1
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Carex striatula</i>	a caric sedge	-	INV	G4G5	S3S4
<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>	Clayton's sweet cicely	-	INV	G5	S1S3
<i>Schisandra glabra</i>	climbing magnolia	-	INV	G3	S2S3
<i>Spiranthes ovalis var. ovalis</i>	southern oval ladies'-tresses	-	INV	G5?T3T4	S2S3
<i>Zannichellia palustris</i>	horned pondweed	-	INV	G5	S2S3
<b>Special Elements-Natural Communities</b>					
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
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Alasmidonta viridis</i>	slippershell mussel	-	INV	G4G5	S1
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Fallicambarus harpi</i>	a crayfish	-	INV	G1	S1
<i>Fallicambarus jeanae</i>	a crayfish	-	INV	G2	S2
<i>Fallicambarus strawni</i>	a crayfish	-	INV	G1G2	S1
<i>Hydroporus ouachitus</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	INV	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	G5	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	-	INV	G5	S1
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Dendroica cerulea</i>	Cerulean Warbler	-	INV	G4	S4B
<i>Etheostoma pallidorsum</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>Nerodia cyclopion</i>	Mississippi green water snake	-	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>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<b>Plants-Vascular</b>					
<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	G5	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
<i>Carex emoryi</i>	Emory's caric sedge	-	INV	G5	S1
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Carex pennsylvanica</i>	Pennsylvania caric sedge	-	INV	G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex timida</i>	a caric sedge	-	INV	G2G3	S2S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium newtonianum</i>	Moore's larkspur	-	INV	G3	S3
<i>Deschampsia flexuosa</i>	crinkled hairgrass	-	INV	G5	S2S3
<i>Galium arkansanum var. pubiflorum</i>	Arkansas bedstraw	-	INV	G5T2Q	S2

**Pike County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Hedyotis ouachitana</i>	Ouachita bluets	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Ilex decidua var. longipes</i>	Georgia holly	-	INV	G5	S3
<i>Liatris compacta</i>	Ouachita blazing star	-	INV	G5T3	S3
<i>Luzula acuminata var. carolinae</i>	hairy wood rush	-	INV	G5T4T5	S2
<i>Lycopodiella prostrata</i>	prostrate bog club-moss	-	INV	G5	S1
<i>Podostemum ceratophyllum</i>	riverweed	-	INV	G5	S3
<i>Pseudolycopodiella caroliniana</i>	Carolina bog club-moss	-	INV	G5T4	S1
<i>Sedum ternatum</i>	woodland stonecrop	-	INV	G5	S3
<i>Selaginella arenicola ssp. riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Solidago auriculata</i>	clasping goldenrod	-	INV	G4	S2
<i>Solidago ouachitensis</i>	Ouachita Mountain goldenrod	-	INV	G3	S3
<i>Streptanthus maculatus ssp. obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Streptanthus squamiformis</i>	a twistflower	-	ST	G2	S2
<i>Thelypteris noveboracensis</i>	New York fern	-	INV	G5	S3
<b>Special Elements-Natural Communities</b>					
West Gulf Coastal Plain Seepage Swamp and Baygall		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Potamilus capax</i>	fat pocketbook	LE	INV	G1G2	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Uniomereus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniomereus tetralasmus</i>	pondhorn	-	INV	G5	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<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>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Nerodia cyclopion</i>	Mississippi green water snake	-	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	S2B,S3N
<b>Plants-Vascular</b>					
<i>Acer saccharum var. nigrum</i>	black maple	-	INV	G5	S1S2
<i>Carex muskingumensis</i>	palm caric sedge	-	INV	G4	S1
<i>Carex opaca</i>	a caric sedge	-	SE	G5T4	S2S3
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2	S2

**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
<b>Animals-Invertebrates</b>					
<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>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Diplocardia meansi</i>	an earthworm	-	INV	GNR	S2S3
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	INV	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	G5	S2
<i>Orconectes menae</i>	a crayfish	-	INV	G3	S3
<i>Procambarus reimeri</i>	a crayfish	-	INV	G1	S1
<i>Procambarus tenuis</i>	a crayfish	-	INV	G3	S2
<i>Pseudactium magazinensis</i>	Ouachita pseudactium	-	INV	GNR	S1
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Rimulincola divalis</i>	a beetle	-	INV	G1	S1
<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 lividus</i>	purple lilliput	-	INV	G2	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
<b>Animals-Vertebrates</b>					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Dendroica cerulea</i>	Cerulean Warbler	-	INV	G4	S4B
<i>Dendroica virens</i>	Black-throated Green Warbler	-	INV	G5	S2B,S5N
<i>Etheostoma pallididorsum</i>	paleback darter	-	INV	G2	S2
<i>Eumeces obtusirostris</i>	southern prairie skink	-	INV	G5	S2
<i>Hemidactylium scutatum</i>	four-toed salamander	-	INV	G5	S3
<i>Lythrurus snelsoni</i>	Ouachita shiner	-	INV	G3	SNR
<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>Percina pantherina</i>	leopard darter	LT	INV	G1	S1
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	INV	G3	S2
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	-	INV	G2	S2
<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 redback salamander	-	INV	G5	S3
<i>Sorex longirostris</i>	southeastern shrew	-	INV	G5	S2

Polk County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Plants-Vascular</b>					
<i>Acer saccharum</i> var. <i>leucoderme</i>	chalk maple	-	INV	G5	S2S3
<i>Amorpha canescens</i>	leadplant	-	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</i> var. <i>crassicaarpus</i>	a ground plum	-	INV	G5T5	S2
<i>Calamagrostis porteri</i> ssp. <i>insperata</i>	Porter's reedgrass	-	SE	G4T3	SH
<i>Cardamine angustata</i>	slender toothwort	-	INV	G5	S2
<i>Cardamine dissecta</i>	forkleaf toothwort	-	INV	G4?	S1
<i>Carex hitchcockiana</i>	Hitchcock's caric sedge	-	INV	G5	S1S2
<i>Carex laevivaginata</i>	a caric sedge	-	INV	G5	S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Carex pennsylvanica</i>	Pennsylvania caric sedge	-	INV	G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex timida</i>	a caric sedge	-	INV	G2G3	S2S3
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<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 larkspur	-	INV	G3	S3
<i>Deschampsia flexuosa</i>	crinkled hairgrass	-	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>	southern hybrid log 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>Euphorbia tetrapora</i>	weak spurge	-	INV	G4	S1
<i>Galium arkansanum</i> var. <i>pubiflorum</i>	Arkansas bedstraw	-	INV	G5T2Q	S2
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gentiana saponaria</i> var. <i>saponaria</i>	soapwort gentian	-	INV	G5T5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Hedyotis ouachitana</i>	Ouachita bluets	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Ilex decidua</i> var. <i>longipes</i>	Georgia holly	-	INV	G5	S3
<i>Iris verna</i>	dwarf iris	-	INV	G5	S2
<i>Liatris compacta</i>	Ouachita blazing star	-	INV	G5T3	S3
<i>Luzula acuminata</i> var. <i>carolinae</i>	hairy wood rush	-	INV	G5T4T5	S2
<i>Melanthium woodii</i>	false hellebore	-	INV	G5	S3
<i>Parnassia grandifolia</i>	large-leaved grass-of-Parnassus	-	INV	G3	S3
<i>Pilularia americana</i>	American pillwort	-	INV	G5	S2
<i>Podostemum ceratophyllum</i>	riverweed	-	INV	G5	S3
<i>Polymnia cossatotensis</i>	Cossatot leafcup	-	INV	G1	S1
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Pycnanthemum virginianum</i>	Virginia mountain mint	-	INV	G5	S1S2
<i>Quercus acerifolia</i>	maple-leaved oak	-	ST	G1	S1
<i>Ribes curvatum</i>	granite gooseberry	-	INV	G4	S3
<i>Ribes cynosbati</i>	prickly gooseberry	-	INV	G5	S2S3
<i>Rosa foliolosa</i>	white prairie rose	-	INV	G5	S2
<i>Sanicula smallii</i>	black snakeroot	-	INV	G5	S3
<i>Scirpus polyphyllus</i>	leafy bullrush	-	INV	G5	S2
<i>Sedum ternatum</i>	woodland stonecrop	-	INV	G5	S3
<i>Solidago delicatula</i>	a goldenrod	-	INV	G5TNR	S1

**Polk County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Solidago ouachitensis</i>	Ouachita Mountain goldenrod	-	INV	G3	S3
<i>Stachys eplingii</i>	Epling's hedgenettle	-	INV	G5	S3
<i>Streptanthus maculatus ssp. obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Streptanthus squamiformis</i>	a twistflower	-	ST	G2	S2
<i>Thelypteris noveboracensis</i>	New York fern	-	INV	G5	S3
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Trillium pusillum var. ozarkanum</i>	Ozark least trillium	-	INV	G3T3	S3
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<i>Valerianella palmeri</i>	Palmer's cornsalad	-	INV	G3	S3
<i>Verbesina walteri</i>	rayless crownbeard	-	INV	G4	S1
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Xyris difformis var. difformis</i>	a 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
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cambarus causeyi</i>	a crayfish	-	INV	G1	S1
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4	S2
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Hydroporus ouachitus</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S3
<i>Scaphinotus inflectus</i>	a ground beetle	-	INV	GNR	S1
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Accipiter striatus</i>	Sharp-shinned Hawk	-	INV	G5	S1S2B
<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>Dendroica cerulea</i>	Cerulean Warbler	-	INV	G4	S4B
<i>Dendroica pensylvanica</i>	Chestnut-sided Warbler	-	INV	G5	S1B,S5N
<i>Dendroica virens</i>	Black-throated Green Warbler	-	INV	G5	S2B,S5N
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<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>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Notropis girardi</i>	Arkansas River shiner	LT	INV	G2	SX
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5	S2
<i>Rana areolata circulosa</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<i>Spea bombifrons</i>	plains spadefoot	-	INV	G5	S1
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Carex careyana</i>	Carey's caric sedge	-	INV	G4G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium newtonianum</i>	Moore's larkspur	-	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>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Eriocaulon koernickianum</i>	small-headed pipewort	-	SE	G2	S2



**Pope County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Euphorbia hexagona</i>	six-angled spurge	-	INV	G5	S2
<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>Malus coronaria</i>	a crabapple	-	INV	G5	S2S3
<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>	mock orange	-	INV	G5	S2S3
<i>Pilularia americana</i>	American pillwort	-	INV	G5	S2
<i>Podostemum ceratophyllum</i>	riverweed	-	INV	G5	S3
<i>Sanicula smallii</i>	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-leaved catchfly	-	ST	G3	S3
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<b>Special Elements-Natural Communities</b>					
Arkansas Valley Prairie and Woodland		-	INV	GNR	SNR
Central Interior Highlands & Appalachachian Sinkhole & Depressional Pond		-	INV	GNR	SNR
Central Interior Highlands Dry Acidic Glade and Barrens		-	INV	GNR	SNR
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
South-Central Interior Large Floodplain		-	INV	GNR	SNR
Upland Stream-Ozark Mountains		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Gryllotalpa major</i>	prairie mole cricket	-	INV	G3	S1S2
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	G2	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Potamilus capax</i>	fat pocketbook	LE	INV	G1G2	S1
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Tetraopes quinque maculatus</i>	a red milkweed beetle	-	INV	GNR	S1S2
<b>Animals-Vertebrates</b>					
<i>Acipenser fulvescens</i>	lake sturgeon	-	INV	G3G4	S1
<i>Cistothorus platensis</i>	Sedge Wren	-	INV	G5	S1B,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,S3N
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Nerodia cyclopion</i>	Mississippi green water snake	-	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
<b>Plants-Vascular</b>					
<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	G4?	S2
<i>Carex normalis</i>	a caric sedge	-	INV	G5	S1
<i>Carex opaca</i>	a caric sedge	-	SE	G5T4	S2S3
<i>Coelorachis rugosa</i>	wrinkled jointgrass	-	INV	G5	S2
<i>Crataegus x canescens</i>	Stern's medlar	-	INV	G1	S1
<i>Dichanthelium dichotomum var. roanokense</i>	forked rosette grass	-	INV	G5T4?	S1
<i>Eleocharis wolfii</i>	Wolf's spike rush	-	INV	G3G4	S3
<i>Eupatorium hyssopifolium var. hyssopifolium</i>	hyssop-leaved boneset	-	INV	G5T5	S3
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Gymnopogon brevifolius</i>	shortleaf skeletongrass	-	INV	G5	S2
<i>Hypericum adpressum</i>	Creeping St. John's-wort	-	INV	G3	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>Prunus pumila var. susquehanae</i>	sand cherry	-	ST	G5T4	S1
<i>Sabatia campanulata</i>	slender marsh-pink	-	SE	G5	S1
<i>Solidago juncea</i>	early goldenrod	-	INV	G5	S1
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1

**Prairie County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<b>Special Elements-Natural Communities</b>					
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
<b>Animals-Invertebrates</b>					
<i>Arianops copelandi</i>	Copeland's mold beetle	-	INV	GNR	S1
<i>Dryobius sexnotatus</i>	six-banded longhorn beetle	-	INV	GNR	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S3
<i>Lucanus elephus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Somatochlora ozarkensis</i>	Ozark Emerald	-	INV	G3	S1
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<b>Animals-Vertebrates</b>					
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	-	INV	G5	S1
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Chrysemys picta dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Gallinula chloropus</i>	Common Moorhen	-	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>Nerodia cyclopion</i>	Mississippi green water snake	-	INV	G5	S3
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	INV	G3	S2
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Porphyrio martinica</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>Rana sylvatica</i>	wood frog	-	INV	G5	S3
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Callirhoe bushii</i>	Bush's poppy mallow	-	INV	G3	S3
<i>Carex arkansana</i>	Arkansas caric sedge	-	INV	G4	S1
<i>Carex bromoides ssp. bromoides</i>	a caric sedge	-	INV	G5T5	S2
<i>Carex bullata</i>	a caric sedge	-	INV	G5	S1
<i>Carex davisii</i>	Davis' caric sedge	-	INV	G4	S3
<i>Carex decomposita</i>	epiphytic caric sedge	-	INV	G3	S2
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Chamaelirium luteum</i>	devil's bit	-	INV	G5	S3
<i>Crassula aquatica</i>	water pigmy-weed	-	INV	G5	S1S3
<i>Cuscuta obtusiflora var. glandulosa</i>	glandular dodder	-	INV	G5T4T5	SU
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Eleocharis microcarpa</i>	a spike rush	-	INV	G5	S3S4
<i>Eriocaulon koermickianum</i>	small-headed pipewort	-	SE	G2	S2
<i>Eustoma exaltatum ssp. exaltatum</i>	catchfly prairie gentian	-	INV	GNRT4T5	S2
<i>Gentiana saponaria var. saponaria</i>	soapwort gentian	-	INV	G5T5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Hexalectris spicata var. spicata</i>	crested coralroot	-	INV	G5T4T5	S2

**Pulaski County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Lycopodiella alopecuroides</i>	foxtail bog club-moss	-	INV	G5	S1
<i>Lycopodiella appressa</i>	appressed bog club-moss	-	INV	G5	S3
<i>Marshallia caespitosa</i> var. <i>signata</i>	Barbara's buttons	-	INV	G4T4	S1
<i>Marsilea vestita</i> ssp. <i>vestita</i>	prairie water-clover	-	INV	G5T5	S3
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Nyssa biflora</i>	swamp black gum	-	INV	G5	S3
<i>Platanthera cristata</i>	yellow crested-orchid	-	INV	G5	S1S2
<i>Platanthera flava</i> var. <i>flava</i>	southern tubercled-orchid	-	ST	G4T4?Q	S2S3
<i>Platanthera peramoena</i>	purple fringeless-orchid	-	ST	G5	S2
<i>Prenanthes crepidinea</i>	nodding rattlesnake-root	-	INV	G4	S1
<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 marsh-pink	-	SE	G5	S1
<i>Saxifraga virginiana</i>	early saxifrage	-	INV	G5	S3
<i>Schoenoplectus californicus</i>	California bulrush	-	INV	G5	S1S2
<i>Sedum ternatum</i>	woodland stonecrop	-	INV	G5	S3
<i>Spiraea tomentosa</i>	hardhack	-	INV	G5	S2
<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>Thelypteris noveboracensis</i>	New York fern	-	INV	G5	S3
<i>Tradescantia longipes</i>	dwarf spiderwort	-	INV	G4	S2
<i>Tradescantia paludosa</i>	confederate spiderwort	-	INV	G4?Q	S1S2
<i>Trifolium stoloniferum</i>	running buffalo clover	LE	INV	G3	SH
<i>Trillium pusillum</i> var. <i>ozarkanum</i>	Ozark least trillium	-	INV	G3T3	S3
<b>Special Elements-Natural Communities</b>					
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
Ozark-Ouachita Dry Oak Woodland		-	INV	GNR	SNR
West Gulf Coastal Plain Nepheline Syenite Glade		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Bactrurus pseudomucronatus</i>	false sword-tailed cave amphipod	-	INV	G2G3	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	INV	G1T1	S1
<i>Epioblasma triquetra</i>	snuffbox	-	INV	G3	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	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	G5	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Ophiogomphus westfalli</i>	Ozark snaketail dragonfly	-	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>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Simpsonaias ambigua</i>	salamander mussel	-	INV	G3	S1
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	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
<b>Animals-Vertebrates</b>					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Cistothorus platensis</i>	Sedge Wren	-	INV	G5	S1B,S4N
<i>Cryptobranhus alleganiensis bishopi</i>	Ozark Hellbender	C	INV	G3G4T2Q	S2
<i>Cyprinella spiloptera</i>	spotfin shiner	-	INV	G5	S1
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Lampetra 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
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Notropis sabiniae</i>	sabine shiner	-	INV	G4	S2?
<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
<b>Plants-Vascular</b>					
<i>Carex suberecta</i>	a caric sedge	-	INV	G4	S2
<i>Evolvulus nuttallianus</i>	Nuttall's dwarf morning glory	-	INV	G5	S3

**Randolph County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Leavenworthia uniflora</i>	glade cress	-	INV	G4	S3
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Orbexilum onobrychis</i>	french-grass	-	INV	G5	S1
<i>Phacelia gillioides</i>	hairy scorpionweed	-	INV	G5	S2S3
<i>Plantago cordata</i>	heartleaf 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  
St. Francis County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Leptodea leptodon</i>	scaleshell	LE	INV	G1G2	S1
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lucanus elephus</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	INV	G1G2	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<b>Animals-Vertebrates</b>					
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<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	INV	G2	S1
<b>Plants-Vascular</b>					
<i>Carex normalis</i>	a caric sedge	-	INV	G5	S1
<i>Carex opaca</i>	a caric sedge	-	SE	G5T4	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>Platanthera flava var. flava</i>	southern tuberclad-orchid	-	ST	G4T4?Q	S2S3
<i>Schisandra glabra</i>	climbing magnolia	-	INV	G3	S2S3
<i>Sida elliotii</i>	a sida	-	INV	G4G5	S2S3
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Spiranthes ovalis var. ovalis</i>	southern oval ladies'-tresses	-	INV	G5?T3T4	S2S3
<b>Special Elements-Natural Communities</b>					
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**  
**Saline County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	G2	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	INV	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	G5	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S3
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Ophiogomphus westfalli</i>	Ozark snaketail dragonfly	-	INV	G3	S1S2
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniomerus 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
<b>Animals-Vertebrates</b>					
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	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>Picoides borealis</i>	Red-cockaded Woodpecker	LE	INV	G3	S2
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<b>Plants-Vascular</b>					
<i>Amorpha ouachitensis</i>	Ouachita indigo bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Anthaenania texana</i>	Kral's silkscale	-	INV	G3G4	S3
<i>Calopogon tuberosus var. tuberosus</i>	tuberous grass-pink	-	INV	G5T5	S1
<i>Camassia angusta</i>	wild hyacinth	-	INV	G5?Q	S2S3
<i>Cardamine douglassii</i>	purple cress	-	INV	G5	S1
<i>Carex alata</i>	a caric sedge	-	INV	G5	S1
<i>Carex atlantica ssp. atlantica</i>	a caric sedge	-	INV	G5T4	S2
<i>Carex bullata</i>	a caric sedge	-	INV	G5	S1

Saline County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex conjuncta</i>	a caric sedge	-	INV	G4G5	S1
<i>Carex davisii</i>	Davis' caric sedge	-	INV	G4	S3
<i>Carex decomposita</i>	epiphytic caric sedge	-	INV	G3	S2
<i>Carex fissa</i> var. <i>fissa</i>	a caric sedge	-	INV	G4?T3T4	S1
<i>Carex gigantea</i>	giant caric sedge	-	INV	G4	S1S2
<i>Carex laevivaginata</i>	a caric sedge	-	INV	G5	S2
<i>Carex lupuliformis</i>	hop sedge	-	INV	G4	S1S2
<i>Carex opaca</i>	a caric sedge	-	SE	G5T4	S2S3
<i>Carex striatula</i>	a caric sedge	-	INV	G4G5	S3S4
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex willdenowii</i>	Willdenow's caric sedge	-	INV	G5	S1
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Chamaelirium luteum</i>	devil's bit	-	INV	G5	S3
<i>Chamaesyce missurica</i>	Missouri spurge	-	INV	G5	S2
<i>Chelone glabra</i>	white turtlehead	-	INV	G5	S1
<i>Cyperus haspan</i>	soft flatsedge	-	INV	G5	S2
<i>Cyripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<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>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eleocharis equisetoides</i>	horsetail spike rush	-	INV	G4	SH
<i>Eleocharis flavescens</i>	pale spike rush	-	INV	G5	S1S2
<i>Eleocharis microcarpa</i>	a spike rush	-	INV	G5	S3S4
<i>Eleocharis wolfii</i>	Wolf's spike rush	-	INV	G3G4	S3
<i>Eriocaulon koernickianum</i>	small-headed pipewort	-	SE	G2	S2
<i>Eupatorium hyssopifolium</i> var. <i>hyssopifolium</i>	hyssop-leaved boneset	-	INV	G5T5	S3
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Fuirena bushii</i>	Bush's umbrella-grass	-	INV	G5	S3
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Gentiana saponaria</i> var. <i>saponaria</i>	soapwort gentian	-	INV	G5T5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Gymnopogon brevifolius</i>	shortleaf skeletongrass	-	INV	G5	S2
<i>Habenaria repens</i>	water-spider orchid	-	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 holly	-	ST	G5	S2
<i>Iris verna</i>	dwarf iris	-	INV	G5	S2
<i>Juncus arcticus</i> var. <i>balticus</i>	Baltic rush	-	INV	G5	S1S2
<i>Liatris compacta</i>	Ouachita blazing star	-	INV	G5T3	S3
<i>Lycopodiella alopecuroides</i>	foxtail bog club-moss	-	INV	G5	S1
<i>Lycopodiella appressa</i>	appressed bog club-moss	-	INV	G5	S3
<i>Lycopodiella prostrata</i>	prostrate bog club-moss	-	INV	G5	S1
<i>Melanthium woodii</i>	false hellebore	-	INV	G5	S3
<i>Muhlenbergia glabrifloris</i>	inland muhly	-	INV	G4?	S1
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Nyssa biflora</i>	swamp black gum	-	INV	G5	S3
<i>Ophioglossum nudicaule</i>	least adder's-tongue fern	-	INV	G5	S2S3
<i>Paspalum bifidum</i>	pitchfork paspalum	-	INV	G5	SH
<i>Philadelphus hirsutus</i>	mock orange	-	INV	G5	S2S3

Saline County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Photinia melanocarpa</i>	black chokeberry	-	INV	G5	S1
<i>Pilularia americana</i>	American pillwort	-	INV	G5	S2
<i>Platanthera cristata</i>	yellow crested-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
<i>Podostemum ceratophyllum</i>	riverweed	-	INV	G5	S3
<i>Pogonia ophioglossoides</i>	rose pogonia	-	ST	G5	S2
<i>Potamogeton pulcher</i>	spotted pondweed	-	INV	G5	S3
<i>Prenanthes barbata</i>	barbed rattlesnake root	-	INV	G3	S2
<i>Prenanthes crepidinea</i>	nodding rattlesnake-root	-	INV	G4	S1
<i>Ptilimnium costatum</i>	mock bishop weed	-	INV	G4	S1
<i>Rhynchospora caduca</i>	falling beakrush	-	INV	G5	S2S3
<i>Rhynchospora gracilentia</i>	slender beakrush	-	INV	G5	S2
<i>Rhynchospora rariflora</i>	fewflower beakrush	-	ST	G5	S1S2
<i>Rhynchospora scirpoides</i>	long-beaked beakrush	-	INV	G4	S1
<i>Sabatia arkansana</i>	Pelton's rose gentian	-	INV	G1	S1
<i>Sabatia campanulata</i>	slender marsh-pink	-	SE	G5	S1
<i>Sanicula smallii</i>	black snakeroot	-	INV	G5	S3
<i>Scirpus polyphyllus</i>	leafy bulrush	-	INV	G5	S2
<i>Scleria muehlenbergii</i>	Muhlenberg's nutsedge	-	INV	G5	S1S2
<i>Scleria verticillata</i>	whorled nutsedge	-	ST	G5	S1
<i>Scutellaria parvula var. missouriensis</i>	little skullcap	-	INV	G4T4	S2
<i>Solidago delicatula</i>	a goldenrod	-	INV	G5TNR	S1
<i>Spiraea tomentosa</i>	hardhack	-	INV	G5	S2
<i>Spiranthes lacera var. lacera</i>	northern slender ladies'-tresses	-	INV	G5T5	S1
<i>Spiranthes ovalis var. ovalis</i>	southern oval ladies'-tresses	-	INV	G5?T3T4	S2S3
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus ssp. obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Thalictrum arkansanum</i>	Arkansas meadow rue	-	ST	G2Q	S2
<i>Thelypteris noveboracensis</i>	New York fern	-	INV	G5	S3
<i>Tradescantia paludosa</i>	confederate spiderwort	-	INV	G4?Q	S1S2
<i>Triadenum virginicum</i>	Virginia marsh St. Johnswort	-	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>Xyris ambigua</i>	a yellow-eyed grass	-	INV	G5	SNR
<b>Special Elements-Natural Communities</b>					
Ozark-Ouachita Shortleaf Pine-Oak Forest		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

10/25/2008

**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
<b>Animals-Invertebrates</b>					
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Nicrophorus americanus</i>	American burying beetle	LE	INV	G2G3	S1
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Procambarus tenuis</i>	a crayfish	-	INV	G3	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Rimulincola divalis</i>	a beetle	-	INV	G1	S1
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	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
<b>Animals-Vertebrates</b>					
<i>Eumeces obsoletus</i>	Great Plains skink	-	INV	G5	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	INV	G3	S2
<i>Plethodon fourchensis</i>	Fourche Mountain salamander	-	INV	G2Q	S2
<b>Plants-Vascular</b>					
<i>Amorpha ouachitensis</i>	Ouachita indigo bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Calamovilfa arcuata</i>	Cumberland sandreed	-	INV	G2	S1
<i>Carex pensylvanica</i>	Pennsylvania caric sedge	-	INV	G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Hedyotis ouachitana</i>	Ouachita bluets	-	INV	G3	S3
<i>Liatris compacta</i>	Ouachita blazing star	-	INV	G5T3	S3
<i>Melanthium woodii</i>	false hellebore	-	INV	G5	S3
<i>Podostemum ceratophyllum</i>	riverweed	-	INV	G5	S3
<i>Potamogeton pulcher</i>	spotted pondweed	-	INV	G5	S3
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Sanicula smallii</i>	black snakeroot	-	INV	G5	S3
<i>Stachys eplingii</i>	Epling's hedgenettle	-	INV	G5	S3
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Xyris difformis var. difformis</i>	a yellow-eyed grass	-	INV	G5T5	S2
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Arrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S1?
<i>Cambarus causeyi</i>	a crayfish	-	INV	G1	S1
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Heterosternuta phoebeae</i>	a predaceous diving beetle	-	INV	GNR	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lampsilis streckeri</i>	speckled pocketbook	LE	INV	G1Q	S1
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S3
<i>Millerelix peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Patera clenchi</i>	Calico Rock oval	-	INV	G1	SNR
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	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
<b>Animals-Vertebrates</b>					
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma moorei</i>	yellowcheek darter	C	INV	G1	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Lampetra appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G3	S1
<i>Myotis sodalis</i>	Indiana bat	LE	INV	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<b>Plants-Vascular</b>					
<i>Arabis shortii</i> var. <i>shortii</i>	Short's rockcress	-	INV	G5T5	S1
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Brickellia grandiflora</i>	tassel flower	-	INV	G5	S2
<i>Carex radiata</i>	a caric sedge	-	INV	G4	S1
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Delphinium newtonianum</i>	Moore's larkspur	-	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>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Juniperus ashei</i>	Ashe's juniper	-	INV	G5	S3
<i>Mimulus floribundus</i>	yellow monkey flower	-	INV	G5	S2S3
<i>Neviusia alabamensis</i>	Alabama snow wreath	-	ST	G2	S1S2
<i>Penstemon cobaea</i>	showy beard-tongue	-	INV	G4	S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3

**Searcy County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Sedum ternatum</i>	woodland stonecrop	-	INV	G5	S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Spiranthes ovalis var. ovalis</i>	southern oval ladies'-tresses	-	INV	G5?T3T4	S2S3
<i>Stylophorum diphyllum</i>	celandine poppy	-	INV	G5	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<b>Special Elements-Natural Communities</b>					
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
Ozark-Ouachita Mesic Hardwood Forest		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Lucanus elephus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Nicrophorus americanus</i>	American burying beetle	LE	INV	G2G3	S1
<b>Animals-Vertebrates</b>					
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	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>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Reithrodontomys humulis</i>	eastern harvest mouse	-	INV	G5	S2
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
<i>Tyrannus verticalis</i>	Western Kingbird	-	INV	G5	S1B,S1N
<b>Plants-Vascular</b>					
<i>Androsace occidentalis</i>	rock jasmine	-	INV	G5	S1
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G4?	S2
<i>Carex grvida</i>	a caric sedge	-	INV	G5	S2S3
<i>Croptilon hookerianum var. validum</i>	scratch-daisy	-	INV	GNRTNR	S2
<i>Croton lindheimerianus var. lindheimerianus</i>	Lindheimer's croton	-	INV	G5TNR	SH
<i>Equisetum laevigatum</i>	smooth scouring rush	-	INV	G5	S1
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Iva angustifolia</i>	slender marsh elder	-	INV	G5?	S1
<i>Liatris compacta</i>	Ouachita blazing star	-	INV	G5T3	S3
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Marsilea vestita ssp. vestita</i>	prairie water-clover	-	INV	G5T5	S3
<i>Minuartia drummondii</i>	a sandwort	-	INV	G5	S2S3
<i>Quercus acerifolia</i>	maple-leaved oak	-	ST	G1	S1
<i>Solidago delicatula</i>	a goldenrod	-	INV	G5TNR	S1
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<i>Zephyranthes chlorosolen</i>	rain lily	-	INV	G5	S1S2
<b>Special Elements-Natural Communities</b>					
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
<b>Animals-Invertebrates</b>					
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	INV	G1	S1
<i>Fallicambarus strawni</i>	a crayfish	-	INV	G1G2	S1
<i>Gomphus ozarkensis</i>	Ozark Clubtail Dragonfly	-	INV	G4	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	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	INV	G1G2	S1
<i>Lucanus elephus</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>Procambarus parasimulans</i>	a crayfish	-	INV	G4	S2
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	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>Lythrurus snelsoni</i>	Ouachita shiner	-	INV	G3	SNR
<i>Notropis atrocaudalis</i>	blackspot shiner	-	INV	G4	S3
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Percina pantherina</i>	leopard darter	LT	INV	G1	S1
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Pteronotrops hubbsi</i>	bluehead shiner	-	INV	G3	S3
<b>Plants-Vascular</b>					
<i>Astragalus crassicaarpus var. crassicaarpus</i>	a ground plum	-	INV	G5T5	S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Juniperus ashei</i>	Ashe's juniper	-	INV	G5	S3
<i>Lithospermum tuberosum</i>	a pucoon	-	INV	G4	S2
<i>Penstemon cobaea</i>	showy beard-tongue	-	INV	G4	S3
<i>Platanthera flava var. flava</i>	southern tubercled-orchid	-	ST	G4T4?Q	S2S3
<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>	black snakeroot	-	INV	G5	S3



**Sevier County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Solidago auriculata</i>	clasping goldenrod	-	INV	G4	S2
<i>Solidago delicatula</i>	a goldenrod	-	INV	G5TNR	S1
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Streptanthus squamiformis</i>	a twistflower	-	ST	G2	S2
<b>Special Elements-Natural Communities</b>					
Cypress swamp		-	INV	GNR	S3
Lowland meander scar lake		-	INV	GNR	SNR
West Gulf Coastal Plain Northern Calcareous Prairie		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<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>Epioblasma triquetra</i>	snuffbox	-	INV	G3	S1
<i>Epioblasma turgidula</i>	turgid blossom	LE	INV	GX	SX
<i>Gomphus ozarkensis</i>	Ozark Clubtail Dragonfly	-	INV	G4	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	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	G5	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Ophiogomphus westfalli</i>	Ozark snaketail dragonfly	-	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>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Simpsoniaia 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
<b>Animals-Vertebrates</b>					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma fragi</i>	Strawberry River darter	-	INV	G4	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Lampetra appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Notropis sabiniae</i>	sabine shiner	-	INV	G4	S2?
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<b>Plants-Vascular</b>					
<i>Arnoglossum reniforme</i>	great Indian plantain	-	INV	G4	S2
<i>Carex gravida</i>	a caric sedge	-	INV	G5	S2S3
<i>Carex interior</i>	a caric sedge	-	INV	G5	S1
<i>Carex leptalea var. harperi</i>	threadstem caric sedge	-	INV	G5T4T5	S2S3
<i>Carex shortiana</i>	Short's caric sedge	-	INV	G5	S2
<i>Carex suberecta</i>	a caric sedge	-	INV	G4	S2
<i>Carex timida</i>	a caric sedge	-	INV	G2G3	S2S3

Sharp County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Erysimum capitatum</i> var. <i>capitatum</i>	western wallflower	-	INV	G5T5	S2
<i>Evolvulus nuttallianus</i>	Nuttall's dwarf morning glory	-	INV	G5	S3
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Glyceria acutiflora</i>	floating mannagrass	-	INV	G5	S1
<i>Juncus subcaudatus</i>	a rush	-	INV	G5	S1
<i>Juniperus ashei</i>	Ashe's juniper	-	INV	G5	S3
<i>Leavenworthia uniflora</i>	glade cress	-	INV	G4	S3
<i>Ludwigia microcarpa</i>	false loosestrife	-	INV	G5	S1
<i>Marshallia caespitosa</i> var. <i>signata</i>	Barbara's buttons	-	INV	G4T4	S1
<i>Mimulus ringens</i> var. <i>ringens</i>	monkey flower	-	INV	G5T5	S1S2
<i>Nemastylis geminiflora</i>	celestial lily	-	INV	G4	S3
<i>Parnassia grandifolia</i>	large-leaved grass-of-Parnassus	-	INV	G3	S3
<i>Pediomelum esculentum</i>	prairie turnip	-	INV	G5	S2
<i>Penstemon cobaea</i>	showy beard-tongue	-	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>	heartleaf plantain	-	ST	G4	S2
<i>Pycnanthemum virginianum</i>	Virginia mountain mint	-	INV	G5	S1S2
<i>Quercus coccinea</i>	scarlet oak	-	INV	G5	S2S3
<i>Rhynchospora capillacea</i>	capillary beakrush	-	INV	G4	S2
<i>Scleria verticillata</i>	whorled nutsedge	-	ST	G5	S1
<i>Scutellaria bushii</i>	Bush's skullcap	-	ST	G3	S2
<i>Sedum ternatum</i>	woodland stonecrop	-	INV	G5	S3
<i>Sida elliotii</i>	a sida	-	INV	G4G5	S2S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Solidago riddellii</i>	Riddell's goldenrod	-	ST	G5	S1
<i>Spiranthes lucida</i>	shining ladies'-tresses	-	INV	G5	S2
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<b>Special Elements-Natural Communities</b>					
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**  
**Stone County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<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	S1?
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S1?
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S1?
<i>Cambarus causeyi</i>	a crayfish	-	INV	G1	S1
<i>Cambarus zophonastes</i>	a crayfish	LE	INV	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>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lampsilis streckeri</i>	speckled pocketbook	LE	INV	G1Q	S1
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S3
<i>Millerelix peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Orconectes neglectus chaenodactylus</i>	ringed crayfish	-	INV	G5T3	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Rimulincola divalis</i>	a beetle	-	INV	G1	S1
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	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
<b>Animals-Vertebrates</b>					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma moorei</i>	yellowcheek darter	C	INV	G1	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Eurycea tynnerensis</i>	Oklahoma salamander	-	INV	G3	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Lampetra appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Myotis lucifugus</i>	little brown bat	-	MON	G5	S3
<i>Myotis sodalis</i>	Indiana bat	LE	INV	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>Rana sylvatica</i>	wood frog	-	INV	G5	S3
<i>Scaphiopus hurrellii</i>	Hurter's spadefoot	-	INV	G5	S2

Stone County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Sorex longirostris</i>	southeastern shrew	-	INV	G5	S2
<i>Typhlichthys subterraneus</i>	southern cavefish	-	INV	G4	S1
<b>Plants-Vascular</b>					
<i>Anemone quinquefolia</i> var. <i>quinquefolia</i>	wood anemone	-	INV	G5T4T5	S2
<i>Arnoglossum reniforme</i>	great Indian plantain	-	INV	G4	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 caric sedge	-	INV	G4G5	S3
<i>Carex laevivaginata</i>	a caric sedge	-	INV	G5	S2
<i>Carex laxiflora</i>	a caric sedge	-	INV	G5	S3
<i>Carex leptalea</i> var. <i>harperi</i>	threadstem caric sedge	-	INV	G5T4T5	S2S3
<i>Carex sparganioides</i>	a caric sedge	-	INV	G5	S3
<i>Carex timida</i>	a caric sedge	-	INV	G2G3	S2S3
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Coreopsis grandiflora</i> var. <i>saxicola</i>	large-flowered 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 cup 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>	Bush's yellow coneflower	-	ST	G2T2	S2
<i>Euonymus obovatus</i>	running strawberry bush	-	INV	G5	S3
<i>Evolvulus nuttallianus</i>	Nuttall's dwarf morning glory	-	INV	G5	S3
<i>Heuchera parviflora</i> var. <i>puberula</i>	alumroot	-	INV	G4T3T4	S3
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Juniperus ashei</i>	Ashe's juniper	-	INV	G5	S3
<i>Leavenworthia uniflora</i>	glade cress	-	INV	G4	S3
<i>Melanthium latifolium</i>	bunchflower	-	INV	G5	SH
<i>Mimulus floribundus</i>	yellow monkey flower	-	INV	G5	S2S3
<i>Mitella diphylla</i>	two-leaf bishop's cap	-	INV	G5	S2
<i>Osmunda claytoniana</i>	interrupted fern	-	ST	G5	S1
<i>Parnassia grandifolia</i>	large-leaved grass-of-Parnassus	-	INV	G3	S3
<i>Penstemon cobaea</i>	showy beard-tongue	-	INV	G4	S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Rhynchospora capillacea</i>	capillary beakrush	-	INV	G4	S2
<i>Sedum ternatum</i>	woodland stonecrop	-	INV	G5	S3
<i>Silene ovata</i>	ovate-leaved catchfly	-	ST	G3	S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<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 flowered trillium	-	INV	G5	S1
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Waldsteinia fragarioides</i>	barren strawberry	-	INV	G5	S1

**Stone County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<b>Special Elements-Natural Communities</b>					
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
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Cicindela formosa pigmentosignata</i>	big sand tiger beetle	-	INV	G5T5	S2S3
<i>Fallicambarus petilicarpus</i>	a crayfish	-	INV	G1	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<b>Animals-Vertebrates</b>					
<i>Bufo nebulifer</i>	coastal plain toad	-	INV	G5	S1
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Coluber constrictor anthicus</i>	buttermilk racer	-	INV	G5T4	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Dendroica cerulea</i>	Cerulean Warbler	-	INV	G4	S4B
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	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>Micrurus tener 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 maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	INV	G3	S2
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Pteronotropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<b>Plants-Vascular</b>					
<i>Alophia drummondii</i>	purple pleat-leaf	-	INV	G4	S2
<i>Aristida lanosa</i>	woolly threeawn	-	INV	G5	S2
<i>Asimina parviflora</i>	dwarf pawpaw	-	INV	G5	S2S3
<i>Astragalus soxmaniorum</i>	Soxman's milkvetch	-	INV	G3	S2
<i>Bolboschoenus robustus</i>	sturdy bulrush	-	INV	G5	S1
<i>Bulbostylis ciliatifolia var. coarctata</i>	hairsedge	-	INV	G5T3T5	SNR
<i>Carex glaucescens</i>	a caric sedge	-	INV	G4	S1
<i>Carex leptalea var. harperi</i>	threadstem caric sedge	-	INV	G5T4T5	S2S3
<i>Chamaelirium luteum</i>	devil's bit	-	INV	G5	S3
<i>Cladium jamaicense</i>	sawgrass	-	INV	G5T5	SH
<i>Cyperus haspan</i>	soft flatsedge	-	INV	G5	S2
<i>Decumaria barbara</i>	climbing hydrangea	-	INV	G5	S1
<i>Eleocharis equisetoides</i>	horsetail spike rush	-	INV	G4	SH
<i>Eleocharis flavescens</i>	pale spike rush	-	INV	G5	S1S2
<i>Eleocharis microcarpa</i>	a spike rush	-	INV	G5	S3S4
<i>Eryngium integrifolium</i>	blue-flowered eryngo	-	INV	G5	S2
<i>Fuirena breviseta</i>	saltmarsh umbrella-grass	-	INV	G5	S1
<i>Fuirena scirpoidea</i>	southern umbrella-grass	-	INV	G5	S1
<i>Gentiana saponaria var. saponaria</i>	soapwort gentian	-	INV	G5T5	S3
<i>Habenaria repens</i>	water-spider orchid	-	INV	G5	S2

Union County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Hypericum fasciculatum</i>	peelbark St. John's-wort	-	INV	G5	S1
<i>Hypericum nudiflorum</i>	early St. Johnswort	-	INV	G5	S1S2
<i>Leersia hexandra</i>	southern cutgrass	-	INV	G5	S1
<i>Ludwigia brevipes</i>	Long Beach primrose willow	-	INV	G2G3	S1
<i>Ludwigia microcarpa</i>	false loosestrife	-	INV	G5	S1
<i>Ludwigia octovalvis</i>	Mexican primrose willow	-	INV	G5	S1
<i>Ludwigia pilosa</i>	hairy primrose willow	-	INV	G5	S1
<i>Lycopodiella alopecuroides</i>	foxtail bog club-moss	-	INV	G5	S1
<i>Lycopodiella appressa</i>	appressed bog club-moss	-	INV	G5	S3
<i>Mitreola sessilifolia</i>	swamp hornpod	-	INV	G4G5	S2
<i>Nyssa biflora</i>	swamp black gum	-	INV	G5	S3
<i>Platanthera cristata</i>	yellow crested-orchid	-	INV	G5	S1S2
<i>Platanthera flava</i> var. <i>flava</i>	southern tubercled-orchid	-	ST	G4T4?Q	S2S3
<i>Polygala nana</i>	bachelor's button	-	INV	G5	S2S3
<i>Pseudolycopodiella caroliniana</i>	Carolina bog club-moss	-	INV	G5T4	S1
<i>Quercus arkansana</i>	Arkansas oak	-	INV	G3	S3
<i>Quercus sinuata</i>	Durand's white oak	-	ST	G4G5	S2
<i>Rudbeckia maxima</i>	giant coneflower	-	INV	G4?	S3
<i>Schoenoplectus californicus</i>	California bulrush	-	INV	G5	S1S2
<i>Seymeria cassioides</i>	seymeria	-	INV	G5	S1
<i>Smilax walteri</i>	redberry greenbrier	-	INV	G5	S2S3
<i>Solidago patula</i> ssp. <i>strictula</i>	willow 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>Tillandsia usneoides</i>	Spanish moss	-	INV	G5	S3
<i>Utricularia striata</i>	stripped bladderwort	-	INV	G4G5	S1
<i>Xyris baldwiniana</i>	a yellow-eyed grass	-	ST	G5	S1
<i>Xyris difformis</i> var. <i>difformis</i>	a yellow-eyed grass	-	INV	G5T5	S2
<i>Zephyranthes chlorosolen</i>	rain lily	-	INV	G5	S1S2
<b>Special Elements-Natural Communities</b>					
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
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<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	G4	S2
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lampsilis streckeri</i>	speckled pocketbook	LE	INV	G1Q	S1
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Simpsonia ambigua</i>	salamander mussel	-	INV	G3	S1
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<i>Uniomerus 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
<b>Animals-Vertebrates</b>					
<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,S3N
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma moorei</i>	yellowcheek darter	C	INV	G1	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<b>Plants-Vascular</b>					
<i>Arabis shortii</i> var. <i>shortii</i>	Short's rockcress	-	INV	G5T5	S1
<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 caric sedge	-	INV	G4G5	S3
<i>Carex sparganioides</i>	a caric sedge	-	INV	G5	S3
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<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 larkspur	-	INV	G3	S3
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Dryopteris x leedsii</i>	Leed's hybrid log fern	-	INV	GNA	S1

Van Buren County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Eriocaulon koernickianum</i>	small-headed pipewort	-	SE	G2	S2
<i>Heuchera parviflora</i> var. <i>puberula</i>	alumroot	-	INV	G4T3T4	S3
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Paronychia virginica</i>	nailwort	-	INV	G4	S2
<i>Podostemum ceratophyllum</i>	riverweed	-	INV	G5	S3
<i>Sanicula smallii</i>	black snakeroot	-	INV	G5	S3
<i>Scleria muehlenbergii</i>	Muhlenberg's nutsedge	-	INV	G5	S1S2
<i>Silene ovata</i>	ovate-leaved catchfly	-	ST	G3	S3
<i>Solidago ptarmicoides</i>	white-flowered goldenrod	-	INV	G5	S1S2
<i>Symphotrichum sericeum</i>	silky aster	-	INV	G5	S2
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Viola canadensis</i> var. <i>canadensis</i>	Canada violet	-	INV	G5T5	S2
<b>Special Elements-Natural Communities</b>					
Upland Stream-Ozark Mountains		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Allocapnia jeanae</i>	a winter stonefly	-	INV	G2	S1?
<i>Allocapnia warreni</i>	a winter stonefly	-	INV	GH	SH
<i>Apochthonius diabolus</i>	a cave obligate pseudoscorpion	-	INV	G1G2	S1
<i>Arrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S1?
<i>Caecidotea macropropoda</i>	bat cave isopod	-	INV	G2G3	S1
<i>Caecidotea simulator</i>	a cave obligate isopod	-	INV	G2G3	S1
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S1?
<i>Cambarus aculabrum</i>	a crayfish	LE	INV	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	G4	S2
<i>Crosbyella roeweri</i>	a cave obligate harvestman	-	INV	G1G2	S1
<i>Dendrocoelopsis americana</i>	a cave obligate planarian	-	INV	G2G3	S1
<i>Gomphus ozarkensis</i>	Ozark Clubtail Dragonfly	-	INV	G4	S1
<i>Lampsilis rafinesqueana</i>	Neosho mucket	C	INV	G2	S1
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lucanus elephus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Microcreagris ozarkensis</i>	a pseudoscorpion	-	INV	GNR	S1
<i>Nicrophorus americanus</i>	American burying beetle	LE	INV	G2G3	S1
<i>Orconectes meeki brevis</i>	a crayfish	-	INV	G4T3	S1
<i>Orconectes nana</i>	a crayfish	-	INV	G3	S2
<i>Orconectes williamsi</i>	William's crayfish	-	INV	G3	S1
<i>Paduniella nearctica</i>	nearctic paduniellan caddisfly	-	INV	G1G2	S1?
<i>Pseudosinella dubia</i>	a springtail	-	INV	G1G2	SNR
<i>Pseudozaona occidentalis</i>	a pseudoscorpion	-	INV	G5	S1
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Rhadine ozarkensis</i>	a ground beetle	-	INV	GH	SH
<i>Rimulincola divalis</i>	a beetle	-	INV	G1	S1
<i>Speyeria idalia</i>	Regal Fritillary	-	INV	G3	S1
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<i>Trigenotyla 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
<b>Animals-Vertebrates</b>					
<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 scarlet snake	-	INV	G5T5	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	INV	G4T1	S1
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Cyprinella camura</i>	bluntnose shiner	-	INV	G5	SH
<i>Cyprinella spiloptera</i>	spotfin shiner	-	INV	G5	S1

Washington County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Etheostoma cragini</i>	Arkansas darter	C	INV	G3G4	S1
<i>Etheostoma microperca</i>	least darter	-	INV	G5	S1
<i>Eurycea tynerenensis</i>	Oklahoma salamander	-	INV	G3	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Myotis sodalis</i>	Indiana bat	LE	INV	G2	S1
<i>Nerodia cyclopion</i>	Mississippi green water snake	-	INV	G5	S3
<i>Nocomis asper</i>	redspot chub	-	INV	G4	S2?
<i>Notiosorex crawfordi</i>	Crawford's gray shrew	-	INV	G5	S2
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Phrynosoma cornutum</i>	Texas horned lizard	-	INV	G4G5	S2
<i>Rana sylvatica</i>	wood frog	-	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	S2B,S3N
<b>Plants-Vascular</b>					
<i>Androsace occidentalis</i>	rock jasmine	-	INV	G5	S1
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Callirhoe bushii</i>	Bush's poppy mallow	-	INV	G3	S3
<i>Carex aggregata</i>	a caric sedge	-	INV	G5	S1
<i>Carex arkansana</i>	Arkansas caric sedge	-	INV	G4	S1
<i>Carex davisii</i>	Davis' caric sedge	-	INV	G4	S3
<i>Carex fissa</i> var. <i>fissa</i>	a caric sedge	-	INV	G4?T3T4	S1
<i>Carex opaca</i>	a caric sedge	-	SE	G5T4	S2S3
<i>Carex pellita</i>	a caric sedge	-	INV	G5	SH
<i>Carex scoparia</i> var. <i>scoparia</i>	a caric sedge	-	INV	G5T5	S1S2
<i>Carex shortiana</i>	Short's caric sedge	-	INV	G5	S2
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Claytonia ozarkensis</i>	Ozark spring beauty	-	INV	G1G3Q	S2
<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>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<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>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Minuartia drummondii</i>	a sandwort	-	INV	G5	S2S3
<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>Pilularia americana</i>	American pillwort	-	INV	G5	S2
<i>Prenanthes crepidinea</i>	nodding rattlesnake-root	-	INV	G4	S1
<i>Sagittaria rigida</i>	stiff arrowhead	-	INV	G5	SH
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Solidago ptarmicoides</i>	white-flowered goldenrod	-	INV	G5	S1S2

Washington County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Spiranthes ovalis</i> var. <i>ovalis</i>	southern oval ladies'-tresses	-	INV	G5?T3T4	S2S3
<i>Trillium pusillum</i> var. <i>ozarkanum</i>	Ozark least trillium	-	INV	G3T3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<b>Special Elements-Natural Communities</b>					
Ozark-Ouachita Dry Oak Woodland		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<i>Allocrangonyx hubrichti</i>	Hubricht's long-tailed amphipod	-	INV	G3	S1
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<b>Animals-Vertebrates</b>					
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Eudocimus albus</i>	White Ibis	-	INV	G5	S1B
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Rana areolata circulosa</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<b>Plants-Vascular</b>					
<i>Asclepias incarnata ssp. incarnata</i>	northern swamp milkweed	-	INV	G5T5	S2
<i>Dennstaedtia punctilobula</i>	hay-scented cup fern	-	INV	G5	S2
<i>Platanthera peramoena</i>	purple fringeless-orchid	-	ST	G5	S2
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<b>Special Elements-Other</b>					
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
<b>Animals-Invertebrates</b>					
<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	INV	G2	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Quadrula cylindrica</i>	rabbitsfoot	-	INV	G3G4	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G2	S2
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<b>Animals-Vertebrates</b>					
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<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 martinica</i>	Purple Gallinule	-	INV	G5	S1B
<b>Plants-Vascular</b>					
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2	S2
<i>Platanthera flava var. flava</i>	southern tubercled-orchid	-	ST	G4T4?Q	S2S3
<b>Special Elements-Natural Communities</b>					
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
<b>Animals-Invertebrates</b>					
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S3
<i>Patera clenchi</i>	Calico Rock oval	-	INV	G1	SNR
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Procambarus parasimulans</i>	a crayfish	-	INV	G4	S2
<i>Rimulincola divalis</i>	a beetle	-	INV	G1	S1
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<b>Animals-Vertebrates</b>					
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	-	INV	G5	S1
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Cypleptus 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>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G3	S1
<i>Notropis girardi</i>	Arkansas River shiner	LT	INV	G2	SX
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5	S2
<i>Rana areolata circulosa</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Carex gigantea</i>	giant caric sedge	-	INV	G4	S1S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Croptilon hookerianum var. validum</i>	scratch-daisy	-	INV	GNRTNR	S2
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Didiplis diandra</i>	water purslane	-	INV	G5	S1S3
<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
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gentiana saponaria var. saponaria</i>	soapwort gentian	-	INV	G5T5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Hedyotis ouachitana</i>	Ouachita bluets	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Liatris compacta</i>	Ouachita blazing star	-	INV	G5T3	S3
<i>Malus coronaria</i>	a crabapple	-	INV	G5	S2S3



Yell County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Oenothera rhombipetala</i>	an evening primrose	-	INV	G4G5	S3
<i>Potamogeton pulcher</i>	spotted pondweed	-	INV	G5	S3
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Sanicula smallii</i>	black snakeroot	-	INV	G5	S3
<i>Solidago ouachitensis</i>	Ouachita Mountain goldenrod	-	INV	G3	S3
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus ssp. obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Tradescantia longipes</i>	dwarf spiderwort	-	INV	G4	S2
<i>Xyris difformis var. difformis</i>	a yellow-eyed grass	-	INV	G5T5	S2
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR