



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

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October 19, 2010

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 large, coil-bound document is a detailed status report for both the System of Natural Areas and the Registry of Natural Areas. It is an important reference tool for citizens, land resource managers, and local decision makers. The status reports (green pages) for each site within the System include ownership information, driving directions, and stewardship activities. The county-by-county listings of rare species, which make up the Registry, are contained in the blue pages. An Executive Summary, containing additional information on the commission and the year in review, can be found inside the back cover pocket.

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

Sincerely,

Karen Smith, Director
Arkansas Natural Heritage Commission

enclosure



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an agency of the Department of Arkansas Heritage

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2010

Annual Report

ARKANSAS 
**NATURAL
HERITAGE
COMMISSION**

an agency of the Department of Arkansas Heritage



ANH C

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John Pelton

Images this page, from top: Southern highbush blueberry (*Vaccinium virgatum*); purple coneflower (*Echinacea purpurea*). Cover image: gray-head coneflower (*Ratibida pinnata*) at Stone Road Glade Natural Area.



STATE OF ARKANSAS
MIKE BEEBE
GOVERNOR

Aptly named "The Natural State", Arkansas is a special place endowed with an abundance of diverse flora and fauna and a remarkable variety in landscape and geography. From rocky bluffs to cypress swamps, from towering forests to tallgrass prairies, our State is home to an exceptional spectrum of plants, animals, and natural places. Our people have a long tradition of appreciation and attachment to the beauty of Arkansas and of working to conserve and safeguard our natural bounty.

While countries around the world are celebrating 2010 as the "International Year of Biodiversity", we need look no further for biodiversity than right here in our own backyards, where conservation has become a local activity. The Arkansas Natural Heritage Commission plays an important role as steward of Arkansas's natural diversity, even as the pace of change in our State moves forward. Using sound science in support of effective conservation, the Commission has sparked a renewed commitment to protect our remaining natural lands and waters. During my time as Governor of Arkansas, the total acreage of critical ecosystems protected by the Commission's System of Natural Areas has doubled, from 25,000 to 50,000 acres. Our understanding of those ecosystems has grown as well, with new discoveries being made by a new generation of scientists and researchers.

We are all an integral part of nature. Early Arkansans understood this. Yet we must continually renew our connections to the natural world and focus our actions in preparation for the future. As we look forward, we can use the work of the Commission and the Department of Arkansas Heritage to develop a new level of understanding that will sustain the health of our natural world and preserve our precious heritage. In the decades to come, our children will think us foresighted for having done so.

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Beebe".

Mike Beebe

MB:jb

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Image above: Palmer's saxifrage (*Micranthes palmeri*) in an Ozark glade.

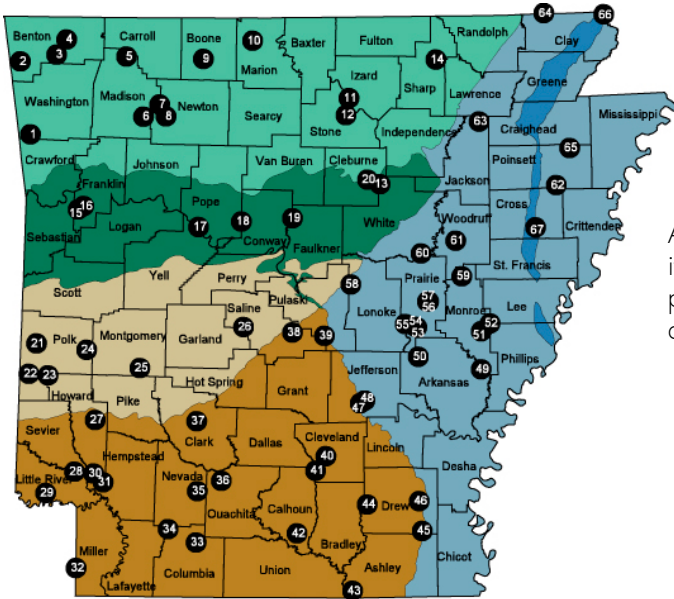
The land we now call Arkansas was once an expansive mosaic of more than 40 different types of natural communities, groups of native plants and animals that interact with each other and their environment in ways not greatly altered by modern human activity. Over the last two centuries, however, many of these areas were reduced or lost to land use changes, fire suppression and the spread of invasive plant species. The Arkansas Natural Heritage Commission (ANHC) is charged with the responsibility of protecting the best of the last remaining vestiges of the state's natural communities. The ANHC does this through the state System of Natural Areas and by maintaining a registry for the rarest biological resources, detailing the location and status in a biodiversity database. Natural areas are lands specifically managed to preserve, and sometimes restore, natural communities that have become rare. Today, the lands that make up the System of Natural Areas provide blueprints for understanding how Arkansas's diverse ecosystems originally functioned. Such information will be especially vital as Arkansas continues to develop and address important environmental issues in the future.

STATUS OF SYSTEM & REGISTRY

4
Status of System & Registry

As of June 30, 2010, the System of Natural Areas consisted of 67 sites, totaling approximately 51,159 acres in 44 counties across the state. These numbers reflect the additions to the System this year, including a total of 3,350 acres and one new natural area. Acquisitions doubled the size of two natural areas: Kingsland Prairie and Warren Prairie. Warren Prairie Natural Area, now the largest single area in the System at approximately 4,236 acres, grew by 2,107 acres with major funding from a federal Forest Legacy Grant. Kingsland Prairie grew from approximately 200 to 400 acres. Both sites protect rare saline soil ecosystems in the Coastal Plain of southern Arkansas.

St. Francis Sunken Lands Natural Area, the latest addition to the System, is an 80-acre conservation easement on the east side of the St. Francis River. This site, a successful example of cooperative conservation on private lands, protects a portion of the largest known population of the federally endangered shrub pondberry (*Lindera melissifolia*) in Arkansas.



Arkansas has 6 major natural divisions. Each division has its own distinctive components related to geology, climate, plants, animals, soils and people. The 6 major natural divisions of Arkansas are:

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

Natural areas are managed according to an established conservation vision aimed at protecting, enhancing, interpreting and sometimes even restoring the significant ecological values present at the site. To do this, management plans for areas within the System are prepared and updated regularly, to incorporate the results of the field assessments, receive additional input from commissioners and colleagues in the conservation field, and to set the frameworks for future activities. The plans for 29 natural areas were updated this year.

A component of natural area management is managing varying levels of public use. When compatible with the overall conservation vision of the area, efforts are made to provide safe opportunities for moderate, low-impact activities such as bird watching, hiking, or photography, as well as scientific research and education. Access to natural areas is detailed on the agency website and on printed publications and maps. In some cases, public access to a natural area may be restricted due to management activities or contractual agreements made in conservation easements.

ANHC rules and regulations prohibit the collection and/or removal of plants (including fruits, nuts, or edible plant parts), animals, fungi, rocks, minerals, fossils, archaeological artifacts, soil, downed wood, or any other natural material, alive or dead. Exceptions to this include the collecting for scientific research, which requires a permit issued by the ANHC, and specific forms of hunting established in cooperation with the Arkansas Game and Fish Commission (AGFC). Details for those natural areas incorporated in the AGFC's Wildlife Management Area (WMA) System are published yearly in the AGFC's *Arkansas Hunting Guidebook*.

The Arkansas Heritage Program biodiversity database houses data collected through research and inventory work focused on determining which species of native plants and animals most need habitat protection and where the quality habitats for these species are located. This data is the central component of the Registry of Natural Areas.

Status of System & Registry



Image above: A patch of rare southern rein orchids (*Platanthera flava*) at Stateline Sandponds Natural Area.

The database includes thousands of element occurrence records (EORs) – each one related to a particular occurrence of a species or natural community of concern. Currently, the database tracks 891 rare animal and plant species; however, that number changes throughout the year, based on surveys of scientific literature, review of museum and herbaria collections, and on-the-ground field surveys. Updates over the last year included:

- 97 new species added to the list of species of special concern (91 plants 6 animals)
- 35 plant species delisted, based on field surveys, taxonomic changes or other research
- state ranks revised/assigned for 20 species
- 733 new locations recorded

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

Details for the System of Natural Areas (green pages) and the Registry of Natural Areas (blue pages) are listed in the bound reference document for this report. Downloadable maps, a searchable species database and other information can be found on our website at www.naturalheritage.com.

Field inventories and monitoring work are conducted regularly on areas within the System to assess the status of rare elements on the site and to document the results of stewardship work. This year, 45 new occurrences (new locations for a rare species, not previously known) were found at 23 different natural areas.



Images above, left to right: Southern highbush blueberry (*Vaccinium virgatum*); a new pine tree sprouts from an old log; both at Warren Prairie Natural Area.

The commission marked a number of significant accomplishments in FY2010. More than 3,000 acres were added to the System of Natural Areas. Approximately 1,000 specimens were added to the ANHC herbarium, bringing the total to just over 6,000 and making it eligible for listing in the official database of worldwide herbaria. Subscribers to the monthly e-newsletter increased by 26 percent. A new cell phone audio tour program for natural area visitors was launched. Management plans for 29 natural areas were reviewed and updated. ANHC staff were on-site at all 67 natural areas working with ecological thinning, removing invasive species, conducting prescribed burns, and installing fencing, gates and signage.

YEAR IN REVIEW

8	Research & Inventory
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The Research and Inventory Section is responsible for building, maintaining, and refining the Arkansas Heritage Program biodiversity database, the only comprehensive source for information regarding Arkansas's rare plant and animal species and remaining high-quality natural communities. This data is the foundation for all ANHC decisions, including where the agency's conservation action can be most effective. The aim of staff research is to find high-quality examples of each type of natural community in the state, determine which species of native plants and animals most need habitat protection, and where the best habitats for these species are located.

This year, the addition of new staff members with new expertise helps to expand this critical information resource. One new position is a research specialist who is conducting aquatics inventory, representing the agency on aquatic issues, and finding new opportunities for collaboration in inventory and protection work.

The other new staff person, our second botanist, helps us fulfill our responsibilities as the lead agency in the state for plant research and inventory. As a result, we have reached new milestones for long-term protection of Arkansas's botanical biodiversity. Field inventory work found new locations for two of Arkansas's five documented federally endangered plants. Approximately 1,000 specimens were added to the ANHC herbarium this year, bringing the total to just over 6,000, and making it eligible for listing in the Index Herbariorum (IH), the official database of worldwide herbaria maintained by the New York Botanical Garden.

The goals of the ANHC herbarium are 1) to provide a reference collection for work performed by ANHC staff and their conservation partners, 2) to house voucher specimens for rare plant records in the database of the Arkansas Heritage Program, and 3) to voucher plants of ecologically sensitive or otherwise significant lands, including those contained within the state's System of Natural Areas. While most specimens are from Arkansas, special care is being made to assemble a collection of plants from surrounding states that are not presently known in Arkansas but are likely to be found here. Our herbarium now joins approximately 3,990 other herbaria in the world today. Together they house an estimated 350,000,000 specimens that document the earth's vegetation for the past 400 years. Herbarium specimens are the key to understanding plant relationships, geographic distributions, economic usefulness, even their molecular makeup. As we lose natural habitats, herbaria increasingly serve as a record of the recent history of plant life and as a repository of precious genetic information. Herbaria hold the tools for our understanding of the plant world.



Research & Inventory



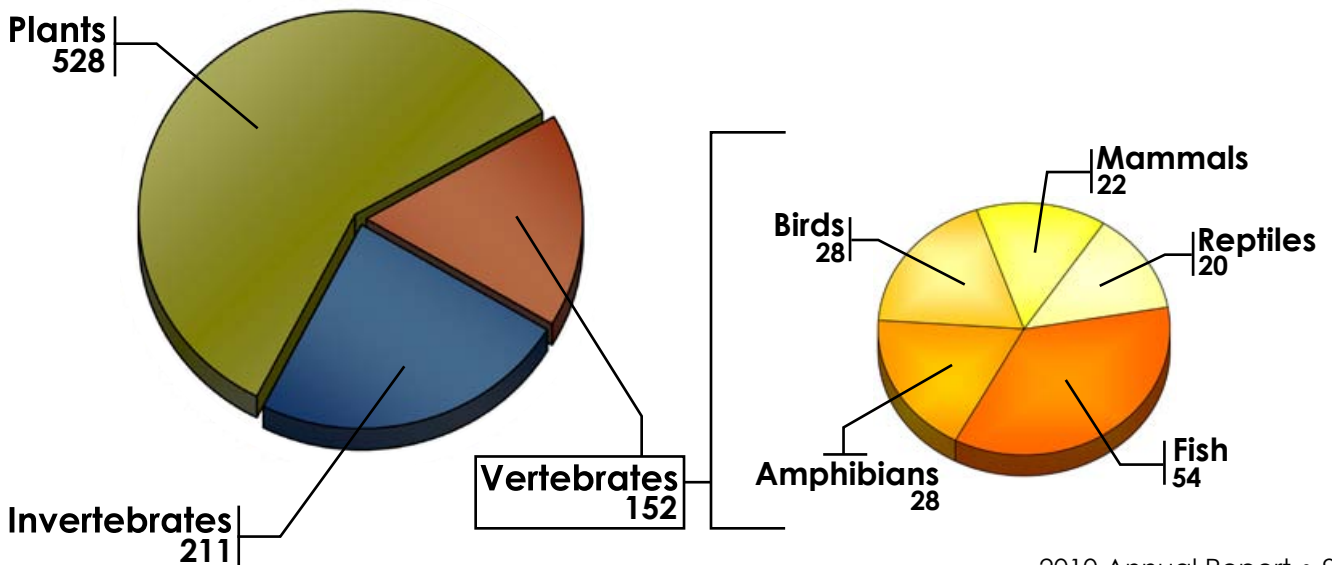
Devon Holimon

Image above: ANHC's Bill Holimon banding a Red-cockaded Woodpecker nestling at Pine City Natural Area. Previous page, left to right: ANHC botanists Theo Witsell and Brent Baker taking plant inventory at Stone Road Glade Natural Area; Kentucky lady's slipper (*Cypripedium kentuckiense*) from the ANHC herbarium; ANHC botanist Theo Witsell collecting plants at Byrd Lake Natural Area.

Research work includes surveys of scientific literature, and museum and herbaria collections, combined with examination of maps, aerial photographs, and satellite imagery. Research and Inventory staff also actively conduct on-the-ground field surveys to locate and assess the condition of rare species and high-quality natural communities across the state.

Staff inventory work often results in the discovery of animal and plant species not previously known to occur in Arkansas. These finds represent new state records and expand the known ranges of those species. Once inventory work identifies rare elements, they must be monitored to verify continued persistence. Each year, staff revisit known sites of occurrence for rare plants, animals, and natural communities to assess their status.

Currently, the Arkansas Heritage Program biodiversity database maintains information on 891 rare animal and plant species. The U.S. Fish and Wildlife Service lists some of these species as endangered or threatened, while others are simply considered rare in Arkansas. For most of these rare species or those of conservation concern, the Arkansas Heritage Program works to document the known locations in the biodiversity database. To date, the program tracks 152 vertebrates, 211 invertebrates, and 528 plants:





The Arkansas Heritage Program is a member of NatureServe, an international network of state natural heritage programs and conservation data centers. NatureServe members utilize the same data management methodology, enabling information regarding biological diversity to be exchanged across state and international boundaries.

The biodiversity database guides our field inventory and land acquisition work. The data reveals gaps in our knowledge and protection of Arkansas's ecology. This year, our field work advanced our understanding of blackland prairie habitat, Crowley's Ridge plant communities, pine flatwoods and saline soil barrens, and tallgrass prairie remnants in the Arkansas Valley.

ANHC staff also provided inventory assistance and scientific input as part of several collaborative protection efforts: tallgrass prairie restoration and protection at the Stuttgart Airport conservation site, planning efforts to restore several large glade areas on public land in northwest Arkansas, and restoration of blackland prairie ecosystem habitat on privately-owned lands. The biodiversity database also served as the basis of our input for the draft of the Arkansas Forestry Commission (AFC) 2010 Arkansas Statewide Forest Resource Assessment.

The Arkansas Heritage Program biodiversity database is useful to a wide range of groups. Government and non-government entities request the data for use in protection and stewardship planning, and ANHC uses the data in creating and updating natural area management plans. The data is also helpful to development project coordinators, to maintain compliance with environmental regulations, and to determine potential impacts to species and natural communities of concern.






ARKANSAS VALLEY PRAIRIES

The last real stronghold for tallgrass prairie in our state is the Arkansas Valley. The largest tracts of unplowed prairie left in Arkansas occur here. The ANHC owns sizeable remnants in the form of Cherokee and H.E. Flanagan Prairie Natural Areas. The Nature Conservancy (TNC) protects another large remnant at its Presson-Ogelsby Preserve. All three areas are in Franklin County, just north of Charleston, and can be visited by the public. The largest contiguous tract of tallgrass prairie in the Arkansas Valley is within the confines of Fort Chaffee. However, these prairies are not accessible to the general public due to ongoing military training activities. A patchwork of privately-owned tallgrass prairie remnants occurs around these publicly-held sites. Opportunities for prairie conservation are great here given that much of the surrounding landscape is managed for cattle grazing and hay production.



Image above: Spring flowers at Cherokee Prairie Natural Area. Previous page, left to right: ANHC and TNC staff meet at Benson Creek Natural Area to discuss a joint cane restoration project there; barrens at Warren Prairie Natural Area.

Over the past year, ANHC provided input, in the form of sensitive species data or environmental review, for over 900 projects through its Environmental Review and Information Sharing Program that combines NatureServe technology, the records compiled in the Heritage Program biodiversity database, and ANHC staff expertise. Notable actions included:

-  Providing data to four timber companies and one paper producer attempting to acquire or maintain certification under the Sustainable Forestry Initiative.
-  Providing data to the Federal Emergency Management Agency (FEMA) for inclusion in a computerized "Decision Support System" that will alert them to sensitive habitats and help them better respond to disasters in the state.
-  Evaluating nine sites in seven counties as part of the U.S. Army Corps of Engineers Interagency Review Team for stream and wetland mitigation banks. This marked increase in mitigation lands provides a way to compensate for the loss of stream and wetland functions associated with development.
-  Serving on the White Oak Bayou Technical Advisory Committee, along with the City of Maumelle, in cooperation with Pulaski County and the city of North Little Rock, to develop a wetland management plan for the White Oak Bayou watershed, which will help guide development and protection of wetlands in this rapidly growing area of central Arkansas.
-  Reviewing a higher number of water and sewer system improvement projects, road construction and repair proposals, and other infrastructure improvement plans, resulting from new federal funding available through the American Recovery and Reinvestment Act.

ANHC staff publish and present findings on the results of their research projects. Presentations are given at a variety of state, regional, and national forums. Specific staff presentations and publications for fiscal year 2010 were as follows (ANHC staff underlined):

TECHNICAL PRESENTATIONS

Arkansas Chapter of The Wildlife Society, El Dorado, Arkansas

Holimon, W.C. Red-cockaded Woodpecker Ecology and Habitat Management Efforts in Arkansas.

Center for Excellence in Field Biology, Austin Peay State University, Clarksville, Tennessee

C. T. Witsell. The Flora and Ecology of Shale Barrens in the Ouachita Mountains.

Natural Areas Association, Vancouver, Washington

Akin, J.A., W.C. Holimon, M.D. Warriner, C.T. Witsell, and W.H. Baltosser. The Search for Tallgrass Prairie, Remnants, Grassland Birds, Ornate Box Turtle, and Arogos Skipper in the Arkansas Valley of Arkansas.

Colclasure, W.C. Moro Big Pine: using working forest conservation easements for landscape-scale protection of natural communities and rare species in Arkansas.

Rupar, B.A. Proactive vegetation management and restoration efforts of the Arkansas Natural Heritage Commission.

Arkansas-Louisiana Red-cockaded Woodpecker Stakeholders Meeting, Monticello, 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.

PUBLICATIONS

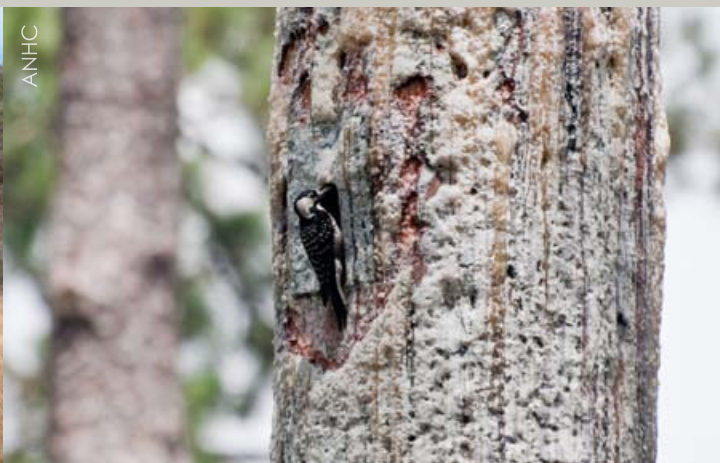
Johnson, G. P., C. T. Witsell, M. Clark, and D. Zollner. 2009. Noteworthy Collections: Arkansas: *Spiranthes magnicamporum* (Orchidaceae). *Castanea* 74(5):437-438.

McKenzie, P., C. T. Witsell, L. R. Phillippe, C. S. Reid, M. A. Homoya, S. B. Rolfsmeier, & C. A. Morse. 2009. Status Assessment of *Eleocharis wolfii* (Cyperaceae) in the United States. *Journal of the Botanical Research Institute of Texas* 3(2):831-854.

Swenson, S. and B. Holimon (contributing author). *My Healthy Woods: A Handbook for Family Woodland Owners*. Publishers: Aldo Leopold Foundation and American Forest Foundation.



TNC, Joe Fox



ANHC



My Healthy Woods

A HANDBOOK FOR FAMILY WOODLAND OWNERS
managing woods in
southern Arkansas



A publication of the Aldo Leopold Foundation
and the American Forest Foundation

Research & Inventory

Images above, left to right: Rare butterfly the arogos skipper (*Atrytone arogos*); My Healthy Woods handbook. Previous page, left to right: ANHC staff giving a presentation to Domtar foresters; Red-cockaded Woodpecker bringing food to nestlings at Pine City Natural Area.

MY HEALTHY WOODS: A HANDBOOK FOR FAMILY WOODLAND OWNERS

The production of this handbook was a collaboration between the Aldo Leopold Foundation (ALF) and the American Forest Foundation (AFF), with ANHC staff members Bill Holimon listed as a contributing author, and Tom Foti and Theo Witsell acknowledged for their contributions of expertise. The handbook is designed to empower and encourage private landowners to be proactive with the future of their land.

Steve Swenson, a Field Biologist and Ecologist at ALF and chief author of the Arkansas handbook, explains:

We focused on southern Arkansas because of the large amount of forests cared for by private landowners and the opportunity to serve an area of the country with tremendous natural beauty and diversity. Also, Arkansas has a wonderful network of public agency staff in forestry, wildlife and financial assistance programs that are at-the-ready to serve private landowners. We wanted to excite people about their land and get them in touch with real people that can help them accomplish their goals.

The foundation direct mailed 2,500 copies to landowners in Union and Ouachita counties, and another 3,000 copies will be sent to landowners in Clark and Nevada counties, with the goal of reaching over 1.5 million acres of private land ownership.



Natural News



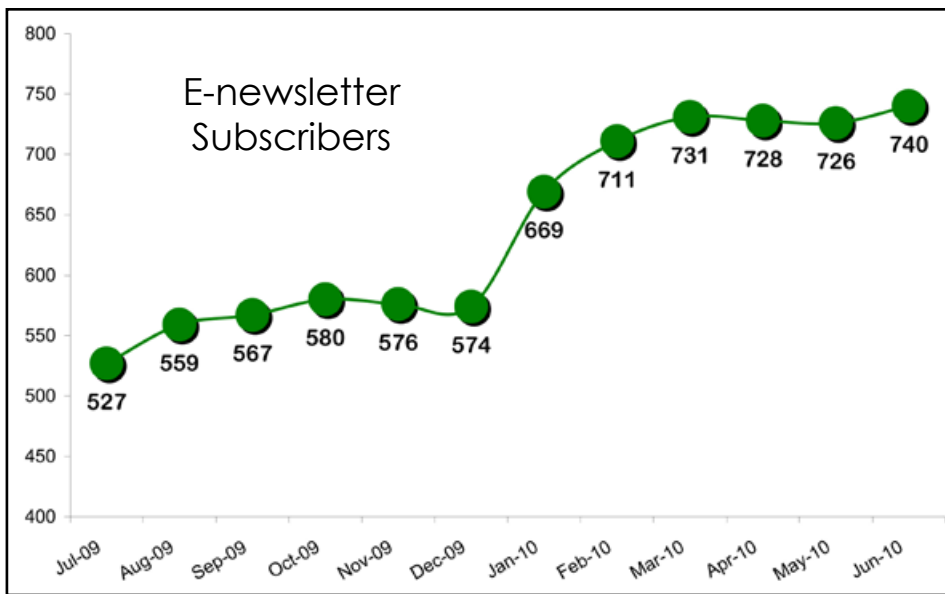
Natural Areas

News & Events

Images

The Education and Information section provides a critical link between the public and the comprehensive data on rare plants, animals, and natural communities the agency maintains. The goal is to make the technical data interesting, easy to access and easy to understand. The section operated the first half of this fiscal year with only one of its two regular staff members, after the resignation of the public information officer who also served as the agency's invertebrate zoologist and chief citizen science coordinator.

After getting a new staff person on board, with a new emphasis in websites and social media, we have greatly expanded our outreach on the World Wide Web. During the first six months of 2010, the number of subscribers to our monthly e-newsletter *Natural News* increased 26 percent, from 588 to 740.



Each e-newsletter has numerous links to sections on the ANHC website, which has seen a corresponding jump in usage. The website brings together many of the new outreach features on the new multi media page, where visitors can connect with nature pictures, videos, and sounds.

Our Facebook site completes the circle of internet outreach, with postings that send readers to both our website and the e-newsletter. Nature trivia questions are posted on Facebook and then answered in an e-newsletter article. The faces of students on a fieldtrip light up when our staff person tells them to check our Facebook page for pictures of the day's visit. Our Facebook "fans" or people who "like" ANHC have more than doubled since the beginning of 2010. Our latest "green" outreach items, including can koozies made from recycled scuba foam, refrigerator magnets made from recycled cardboard, and biodegradable plastic bags, promote the ANHC website as "your nature connection."

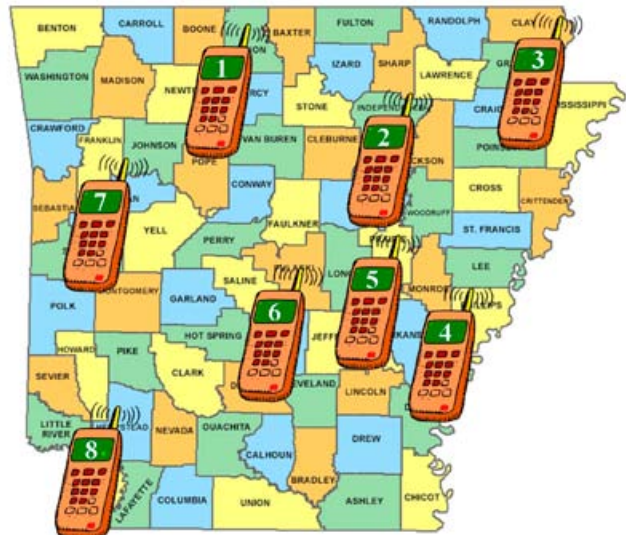


Image above: Guide By Cell signage at H.E. Flanagan Prairie Natural Area. Previous page: Header from the ANHC e-newsletter, *Natural News*.

This spring, we began work on a new project to reach out directly to natural area visitors with a program called “Guide By Cell.” This new service allows visitors to listen to an “audio tour” on their own cell phone (equipment they are comfortable using) and eliminates the potential problem of brochures becoming litter. Small outdoor signage explaining the program and the toll-free telephone number has been installed at eight natural areas, representing a variety of unique habitats in all four corners of the state.

FY2010 NATURAL AREAS WITH CELL PHONE AUDIO GUIDES

1. Baker Prairie Natural Area
2. Big Creek Natural Area
3. Chalk Bluff Natural Area
4. Louisiana Purchase Natural Area
5. Downs Prairie Natural Area
6. Mills Park Natural Area
7. H.E. Flanagan Prairie Natural Area
8. White Cliffs Natural Area



The initial guides for these areas highlight aspects of Arkansas’s cultural history as well as ecology, and staff are now adding updates and additional special effects such as animal sounds, interviews with experts in the field and music. The phone tour subscription service includes access to a website to view reports detailing how many people listen to each item, in what order, at what time, and for how long. This information is providing useful data that can help guide our natural area management planning. In addition, visitors have the ability to leave audio messages for us, including any problems or exciting nature finds.



Expanding conservation through cooperation at Warren Prairie Natural Area



Arkansas Natural Heritage Commission

Learn more at www.naturalheritage.com



An agency of the Department of Arkansas Heritage

An ad featuring the new audio tours was one of six different ads our staff designed for *Active Years* magazine this year. However, the artwork for our television ads for Heritage Month 2010, was done by students participating in ANHC educational programming. The unique, colorful drawings by young children carried a powerful conservation message.

The links between art and nature were also on display as part of the first Arkansas Endangered Species Art Contest, held in celebration of Endangered Species Day on May 21. We helped to judge the 1,679 entries received from grades K-12 by the Arkansas Ecological Services Field Office of the US Fish and Wildlife Service.

This spring, we worked with a producer at UALR Public Radio, KUAR 89.1, the local National Public Radio affiliate, to record a series of informational spots on Arkansas nature topics, such as the Grand Prairie, invasive plants, and nature deficit disorder. A different topic ran three times a week for 13 weeks, during shows such as "Talk of the Nation: Science Friday" and "Living on Earth."





Image above: Crowd of friends and supporters at Warren Prairie Natural Area dedication. Previous page, clockwise from top left: ANHC advertising and promotional materials; ad for *Active Years* magazine featuring Warren Prairie Natural Area; art from students participating in ANHC educational programming; student art from the first Arkansas Endangered Species Art Contest.

Education & Information

On May 3, ANHC joined forces with TNC in Arkansas to dedicate a new 2,107-acre acquisition at Warren Prairie Natural Area, doubling the size of the area and making it the single largest agency-owned component in the ANHC System of Natural Areas. The ceremony also recognized the conservation work of late Arkansas legislator Jodie Mahony. The event drew a big crowd of friends and supporters.

With the new acquisition we are celebrating today, we not only double the size of this special site but we also ensure that future generations will see that we worked to balance the protection of sensitive habitat with the lives of the people who love this land.

Because of the work we are doing now, 20 rare plants and animals that depend on this area will continue to thrive; public lands will be open to our citizens for hiking and hunting; and local forestry jobs will continue to provide stability for families who have worked these woods for generations.

One man, who loved not only this land but our state and its people, was the late Jodie Mahony. As a long-time state legislator, he looked to securing the future of Arkansas's natural resources, and this site, the largest and highest quality public protection of a saline soil ecosystem in the entire West Gulf Coastal Plain, is a testament to his foresight and his hard work.

Cathie Matthews, Director, Department of Arkansas Heritage
Warren Prairie Natural Area Dedication, May 3, 2010

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

YOUTH PROGRAMMING	
Total Presentations: 38	Total Participants: 1,156
A full range of learning opportunities are available to students at all levels, from pre-K to college, and at a variety of sites, including classrooms, libraries, hospitals, wildlife camps, and scout groups. Students are engaged in active learning with multi-sensory experiences using pictures, audio, mounted specimens, skulls, taxidermy, and even puppets. Topics included: Arkansas endangered species, endemic species, bats, natural divisions (ecoregions), rare plants, and Arkansas animal ABCs.	

INSTRUCTIONAL PROGRAMMING & WORKSHOPS	
Total Presentations: 14	Total Participants: 369
A variety of in-depth programs, from two to six hours, are developed to meet specific goals, such as continuing education credits. Workshops are conducted that focus on awareness, knowledge and appreciation of the natural world. Participants are given Arkansas-specific tools for creating environmentally literate citizens outside the classroom setting. Participants included: Master Naturalists, Master Gardeners, Domtar foresters, Arkansas State Parks interpreters, Ozark Natural Science Center staff, and classroom teachers.	

FIELD TRIPS & PLANT WALKS	
Total Presentations: 19	Total Participants: 379
Information is presented on-site, outdoors at a specific natural area or location, and interprets the landscape and ecological components. The programs are designed to assist participants in identifying and understanding observable natural features and their relationship to biodiversity in Arkansas. Participants included: Native Plant Society, The Nature Conservancy, Audubon Society chapters, UALR Wildlife Management Techniques class, and middle school classes from Russellville and Kingsland.	



Education & Information



Images above, clockwise from top left: ANHC bat programming at Russellville Middle School; teachers collect ANHC educational materials at DAH summer workshop; students from a UALR Wildlife Management Techniques class at Pine City Natural Area. Previous page: Botany students from Russellville High School at Lorange Creek Natural Area.

OTHER PROGRAMMING FOR ADULT AUDIENCES

Total Presentations: 13

Total Participants: 598

Presentations and handouts illustrate general information about the agency, including the work and services provided to the public, and how that work relates to Arkansas's biodiversity. Programs are geared to specific locations and/or organization requests. Participants included garden clubs, Audubon Society chapters, the Sierra Club, the Wildlife Society, and the Arkansas Division of the Ouachita Society of American Foresters. Topics included: rare plants, tallgrass prairies, native gardening, fire ecology, and Red-cockaded Woodpecker habitat management.

SPECIAL EVENTS & RESOURCE FAIRS

Total Presentations: 11

Total Participants: 7,434

Materials are designed to present the agency's conservation message to large audiences in concentrated settings. Staff set up information displays and greeted visitors at sites such as Earth Day at the Little Rock Zoo, Ecology Day at Crowley's Ridge State Park, Teacher's Resource Fair for Phillips County Schools, Trails Day at Pinnacle Mountain State Park, Wildlife Habitat Restoration on Private Lands Conference, the Arkansas Curriculum Conference, and the Middle School Teachers Resource Fair at the Mosaic Templars Cultural Center.



The commission utilizes a number of tools for the protection of biodiversity, including the acquisition of lands that are dedicated into the System of Natural Areas. This unique network of Arkansas's natural places grew by 3,350 acres during FY2010, including one new natural area, bringing the total number of areas in the System to 67 and the total acreage to 51,159.

Locations, such as St. Francis Sunken Lands Natural Area, that hold exceptional importance for the state's natural diversity are identified through a systematic analysis of natural heritage data. Most acquisition targets secure habitat for rare species or offer a chance for restoration measures. Some tracts may buffer and protect natural areas from surrounding land use or provide additional connectivity between tracts of restored land.

The major acquisition of the year was a 2,107-acre addition to Warren Prairie Natural Area, nearly doubling the overall size of the area and making it the largest, single component of the System. A \$2 million federal Forest Legacy Grant and state grant funds provided protection for the state's largest population of the federally endangered plant geocarpon (*Geocarpon minimum*) as well as the state's largest wintering population of Henslow's Sparrow (*Ammodramus henslowii*), one of the fastest declining songbirds in eastern North America.

Additional additions this fiscal year included:



The newest natural area, St. Francis Sunken Lands Natural Area, is an 80-acre conservation easement on the east side of the St. Francis River that includes a portion of the largest known population of the federally endangered shrub pondberry (*Lindera melissifolia*) in Arkansas. The site is managed in cooperation with the landowner and is a successful example of protecting endangered species on private lands.



Three separate acquisitions totaling 263 acres at Kings River Falls Natural Area protect an additional mile of this clear Ozark Mountain stream and provide increased public recreation opportunities.



The 469 acres added to Nacatoch Ravines Natural Area is an example of how a variety of acquisition methods that secure ANHC's perpetual interest in the land can support conservation. A combination of fee title purchases and easements secures unique blackland prairie habitat in the Coastal Plain of southern Arkansas.



A 160-acre addition at Falcon Bottoms Natural Area protects the headwaters of Bayou Dorcheat, identified through research and inventory as one of the most intact small to medium sized streams west of the Ouachita River in Arkansas.



The 29-acre acquisition at Devil's Knob-Devil's Backbone Natural Area is slated for restoration work, through the reintroduction of fire, to increase critical Ozark glade habitat.



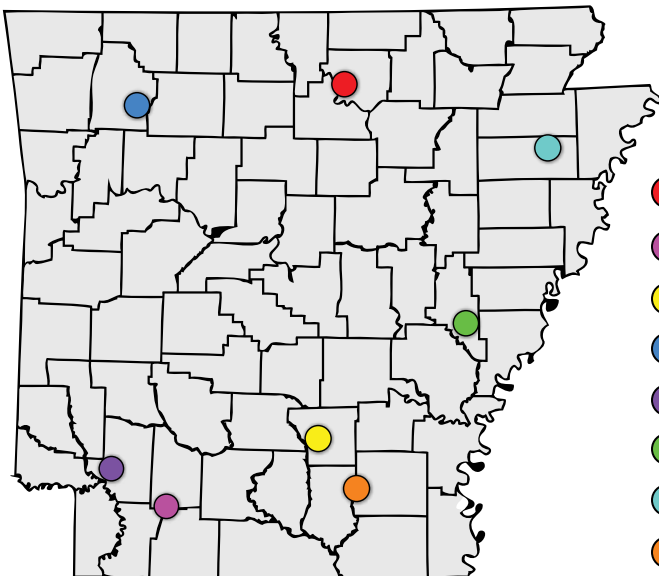
Image above: The declining songbird Henslow's Sparrow. Previous page, left to right: Federally endangered plants geocarpon and pondberry.



A 40-acre addition to Pine City Natural Area links habitat within the best 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 (*Pinus taeda*) 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 (*Picoides borealis*).



Kingsland Prairie Natural Area doubled in size with the addition of another 200 acres that protects a mosaic of natural communities, including saline soil barrens, post oak savanna, and pine-oak woodlands. The saline soil barrens support the federally endangered plant geocarpon.



- Devil's Knob - Devil's Backbone Natural Area
- Falcon Bottoms Natural Area
- Kingsland Prairie Natural Area
- Kings River Falls Natural Area
- Nacatoch Ravines Natural Area
- Pine City Natural Area
- St. Francis Sunken Lands Natural Area
- Warren Prairie Natural Area



Images above, left to right: ANHC burn crew at Chesney Prairie Natural Area; ANHC's Bryan Rugar installs boundary sign at Roth Prairie Natural Area. Next page: ANHC staff install a new sign at Mills Park Natural Area.

The Stewardship staff oversees protection efforts on lands within the System of Natural Areas. Many natural areas represent isolated fragments of once more common natural ecological communities and must be actively managed and continuously monitored to ensure that influences from surrounding land uses and inappropriate public uses do not adversely impact them. ANHC staff, volunteers, contract land stewards, and cooperative land managers regularly visit natural areas across the state to assess their condition.

We contracted for installation of 15 gates and over 1 ¼ miles of additional fence to reduce unauthorized vehicular access and soil compaction, which can adversely affect the hydrology and plant communities on natural areas.

Our species monitoring efforts document the persistence of the targeted plants, animals, and plant communities found within the System of Natural Areas. Results of these monitoring efforts are reflected in the individual natural area pages (green) of the bound reference document for this report.

Stewardship work includes installing interpretative signs and other signage to properly identify state-owned land and partnership agreements. We also continued to mark and maintain boundaries, often across the difficult terrain and challenging topography of remote locations throughout the System.

The invasion and rapid spread of non-native and/or invasive plant species is an on-going threat to species diversity at some natural areas. We contracted for over 2,000 hours of invasive species control efforts in FY2010 at six natural areas (Byrd Lake, Konecny Grove, Mills Park, Middlefork Barrens, Stone Road Glade and Terre Noire natural areas). These activities included cutting, girdling, shearing, as well as hand and aerial application of selective use herbicides.

Management planning continues to be an integral component of stewardship work and follows a prescribed three-year revision process for the comprehensive review and updating of all management plans. We administered a peer review process that incorporated input from ANHC commissioners, academic researchers, and public and private land managers. In all, we reviewed and updated 29 management plans this past year.








Stewardship

Other management plans are being implemented for newly acquired areas (such as St. Francis Sunken Lands), and data collection continues, in anticipation of the next revision cycle as prescribed by the commission's rules and regulations.

Prescribed fire was utilized at a number of natural areas. Under contract, firelines were installed by a hand crew to minimize soil disturbance, and a total of 20 burns consisting of 1,670 acres were conducted at 13 natural areas. ANHC staff also conducted prescribed burns on 272 acres at five natural areas. Post burn monitoring was conducted along transects within all fuel models several days after the burns. The amounts of duff/litter removal, scorch height/intensity and char degree were measured at each point along transects to characterize fire intensity, coverage, corresponding vegetation effects, and to determine if fire management and ecological objectives were met.

Ecological restoration projects were conducted at several natural areas. Highlights include:

-  Invasive eastern red cedar removal was conducted at Middlefork Barrens and Terre Noire Natural Areas.
-  A contractor conducted aerial application of a specific herbicide to control the invasive plant kudzu at Nacatoch Ravines Natural Area.
-  Ecological forest thinnings were conducted at Warren Prairie, Middle Fork Barrens and Pine City Natural Areas by contracting for very specifically designed timber harvests, which opened the canopy allowing more sunlight to reach the ground to benefit the herbaceous plant communities.
-  A contractor completed an update to the recharge delineation for the cave system at Hell Creek Natural Area. This project also identified many of the point source threats to the aquatic species that make this natural area home.
-  Native genotype grass and forb species (collected locally) were planted at Downs Prairie Natural Area as part of a prairie restoration project.



For this reporting period, 99 percent of all natural areas were visited at least twice. Six natural areas were visited more than 25 times due to intensive restoration efforts and monitoring at areas that receive significant public use. St. Francis Sunken Lands Natural Area was newly added and has been visited once since acquisition. ANHC staff were on site at 100 percent of all natural areas.

In addition to the System of Natural Areas, the commission holds an interest in other lands of ecological importance, and staff regularly monitor these sites. Since 1987, the commission has participated in the management of Saratoga Landing Blackland Prairie that lies adjacent to the Saratoga Blackland Prairie Natural Area in Hempstead County through an agreement with the U.S. Army Corps of Engineers. A 40-year agreement with Potlatch Forest Holdings Inc. 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.

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

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



Images above, clockwise from top left: ANHC's Scotty Winningham burning at Downs Prairie Natural Area; cedar removal at Middle Fork Barrens Natural Area; grinder work at Warren Prairie Natural Area; restoration work at Cave Springs Cave Natural Area; work on bat gate at Slippery Hollow Natural Area; ecological thin at Warren Prairie Natural Area. Image previous page: New fence at Swifton Sandponds Natural Area.

STUDENT VOLUNTEERS AT NATURAL AREAS

A total of 85 students from three different EAST (Environmental and Spatial Technology) classes performed service learning projects on natural areas this year.

- The Lonoke Middle School EAST class completed a documentary film on Railroad Prairie Natural Area that won awards at the EAST national conference. The film featured historical photos from nearby businesses and documented students' visits to the prairie, their removal of invasive plants, and their photography of native plants.
- Watson Chapel student volunteers installed a picnic table, cleaned and cleared trails, and cleaned roadside debris at Byrd Lake Natural Area. Student leader William Blair coordinated partnerships with Wal-Mart volunteers, students at Watson Chapel, and donation of materials from Wal-Mart and other local stores.
- Bryant High School students worked at Mills Park Natural Area to document the native plants and remove invasive species. They used pressed samples of local ferns to teach the environmental science class about the diversity of the acid seep. Alarmed by the amount of trash strewn in Mills Park, students organized an after-school cleanup, urged their school to stop using Styrofoam, and filmed "trashless" lunches at local elementary schools.



Image above: ANHC commissioners, staff and guests on a field trip to Lorange Creek Natural Area after February 2010 meeting.

The professional staff and appointed commission members of the ANHC carry on a legacy of conservation work that began nearly 40 years ago with Act 297 of 1971 that created the first inventory and protection process for natural areas in the state: the *Arkansas Natural Area Plan*. By formally establishing the ANHC within the Department of Arkansas Heritage (DAH) in 1975, the Legislature brought natural and cultural heritage together.

Led by Director Cathie Matthews, the seven DAH agencies: the Arkansas Arts Council, Arkansas Historic Preservation Program, Arkansas Natural Heritage Commission, Historic Arkansas Museum, Delta Cultural Center, Old State House Museum, and Mosaic Templars Cultural Center, work to secure a sustainable future for our society, environment and economy by protecting, restoring and enhancing Arkansas's natural and cultural resources.

ADMINISTRATION

28 Finances

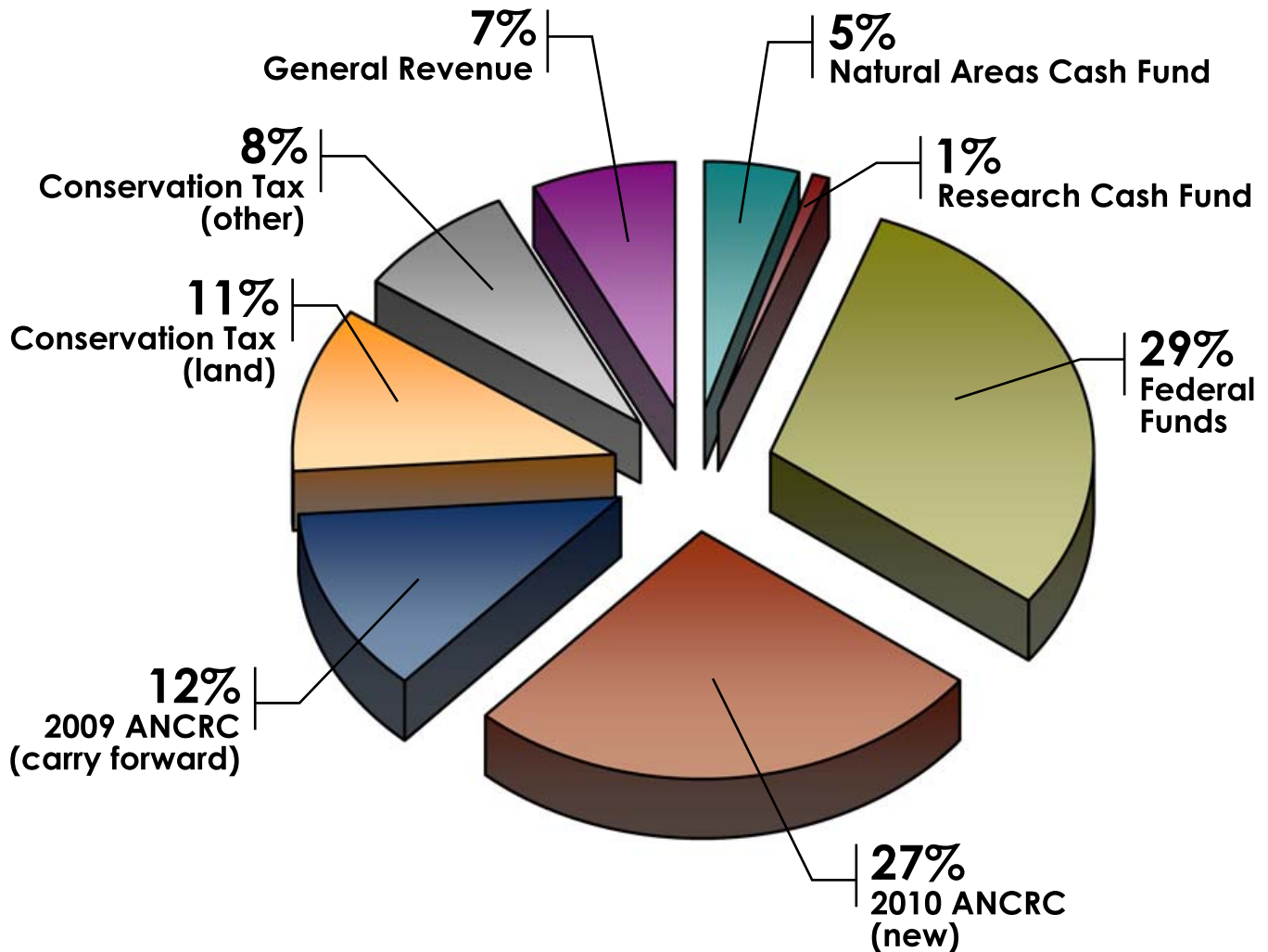
32 Cooperative Agreements

34 Commission

35 Staff

The commission receives funding from five key sources: General Revenue, the 1/8th-Cent Conservation Sales Tax, Arkansas Natural and Cultural Resources Council (ANCRC) grants, federal grants and two cash accounts. The total budget for FY2010 was \$7.4 million, slightly higher than the previous year's budget of \$6.9 million. The expenditures for the year totaled \$4,279,248 and, as a result of fiscal planning and follow-through, we turned back less than one percent (0.24%) of our total budget.

FY2010 was an historically significant year for the commission's 1/8th-Cent Conservation Sales Tax funding. Governor Beebe increased ANHC staffing by four positions and increased the land acquisition appropriation to \$800,000. These additions greatly enhanced the commission's ability to survey biodiversity throughout Arkansas, learn more about Arkansas's ecosystems, and conserve lands in the System of Natural Areas.



ANCRC grants support the acquisition of new lands for inclusion in the System of Natural Areas. In addition, five part-time field ecologists, located around the state, are funded through these grants to conduct critical stewardship activities on natural areas. Grant funds also support ecological research and inventory work, and educational programming throughout the state. Grant funds can be carried forward into a second fiscal year; however, ANHC work projects expended 73 percent of this year's \$2,750,000 grant award during the first year. The remaining 27 percent of funds will be carried forward to FY2011.

Federal grants fund essential research, survey and restoration work for endangered species and unique habitats within the state. They also fund the salaries and associated matching expenses for five full-time staff. Each grant is specific in nature, with no ongoing federal grant sources to fund fixed administrative costs. The commission staff, which includes a grants coordinator, must continually work to secure grants that collectively generate funding to support expenses from the federal account. The timing of grant projects must also be coordinated with ecological timeframes such as breeding season or winter dormancy.



Images above, top to bottom: During glade restoration in 2009; after glade restoration in 2010; both images at Middle Fork Barrens Natural Area.

General revenues fund eight positions and a portion of commission operating expenses. A series of budget cuts were made over the course of this year that resulted in an approximate 10 percent reduction in available funds. These cuts required a shifting of operating expenses, such as rent and commission expenses, to the 1/8th-Cent Conservation Sales Tax and cash funds.

Cash funds are generated from research services fees, donations, timber revenues and other income from non-federal sources. These funds augment other commission funds to conduct research, advance natural area stewardship, purchase vital equipment and pay for one part-time employee.





The chief source of federal grants for FY2010 was the U.S. Fish and Wildlife Service, with a total of \$626,549. An additional \$50,000 was awarded from the U.S. Forest Service. These competitive grant awards illustrate both the national significance of the work being done here in Arkansas and also the capabilities of the ANHC staff responsible for the tasks associated with each grant.





Images above, left to right: ANHC's Jane Jones-Schulz speaks to an Arkansas Master Naturalist class about ecoregions; a large patch of barbed rattlesnake root (*Prenanthes barbata*) was found growing in restored open woodlands at Lorraine Creek Natural Area this year. Next page, clockwise from top: Blackland prairie restoration project at Terre Noire Natural Area; ANHC staff and volunteers prepare for prairie mole cricket surveys at Downs Prairie Natural Area; ANHC's Bill Holimon surveys private land near Cherokee Prairie Natural Area for Le Conte's Sparrows (*Ammodramus leconteii*).

FY2010 Grants

- 

\$2,750,000 from the ANCRC for land acquisitions; stewardship funding for land management activities; research and inventory work; and educational and outreach opportunities. (Project period July 1, 2009, to June 30, 2010, with a carry forward option for one year)
- 


\$511,650 from U.S. Fish and Wildlife Service, Recovery Land Acquisition program for land acquisition to aid in the recovery of geocarpon (*Geocarpon minimum*). (Project period April 12, 2010, through June 30, 2013)
- 


\$18,861 from the U.S. Fish and Wildlife Service, Section 6 Endangered Species Grants program for surveys and research on five plant species of conservation concern in Arkansas. (Project period November 1, 2009, through December 31, 2010)
- 


\$36,038 from the U.S. Fish and Wildlife Service, Section 6 Endangered Species Grants program through the AGFC to restore the pine flatwoods community and thereby provide the open, pine habitat preferred by Red-cockaded Woodpecker (*Picoides borealis*) at Pine City and Warren Prairie Natural Areas. (Project period August 7, 2009, through August 6, 2011)



ANHC

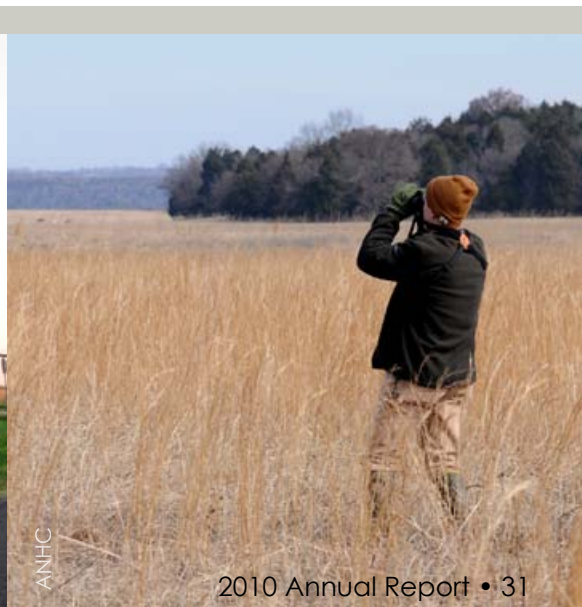
 \$31,500 from the U.S. Fish and Wildlife Service, State Wildlife Grants program through the AGFC to restore dolomite glades and an Ozark fen at Rock Creek Natural Area to benefit animal species of greatest conservation need. (Project period August 12, 2009, through October 13, 2012)

 \$28,500 from the U.S. Fish and Wildlife Service, State Wildlife Grants program through the AGFC to restore blackland prairie and woodland habitat structure and species composition to benefit animal species of conservation concern at Terre Noire Natural Area. (Project period August 12, 2009, through October 13, 2012)

 \$50,000 from the U.S. Forest Service, Invasive Plants Program through the AFC to conduct management activities to control non-native invasive plant species and assess treatment success at five exemplary natural areas. (Project period June 24, 2010, through August 11, 2011)



ANHC



ANHC

Forging partnerships is a key ingredient of the commission's conservation work. Collaboration with federal and state agencies, colleges, private non-profits and private landowners allows us to pool resources, expand our knowledge base and ultimately increase our overall conservation impact across the state. Such collaborative efforts are formalized and presented to the commission as cooperative agreements detailing the project scope, commitment of agency resources and any expected receivables.

Cooperative agreements can take a number of forms and can involve both staff time and a commitment of funds. In FY2010, the ANHC presented 67 cooperative agreements for commission approval totaling approximately 15 percent of the collective staff time for the year. Seven of the agreements presented were new opportunities for collaboration while the remaining 60 represented the continuation of successful on-going projects.

co•op•er•ate (koh-op-uh-reyt)

To work or act together toward a common end or purpose.



A new cooperative agreement with the Arkansas Academy of Science (AAS) is directly addressing the commission's current strategic planning goal to increase the ecoliteracy of Arkansans. ANHC will provide \$1,000 in support to AAS each year to fund assistance to students in the form of grants and awards to conduct research and attend college. These funds also help support the annual meeting of the AAS which promotes science in the state and in the region and provides a venue for scientific discussion in areas such as medicine, microbiology, biochemistry, genetics, astronomy, botany, zoology, plant science, chemistry, physics, earth science, engineering, geology and environmental science.



Through an agreement with the Arkansas Department of Environmental Quality, our research staff will bring their expertise to the evaluation of streams that have been nominated for designation as Extraordinary Resource Waters and/or Ecologically Sensitive Waterbodies under Regulation No. 2 of the Clean Water Act, which establishes water quality standards for surface waters in the state. Under this regulation, designated streams are protected through various means such as water quality controls, maintenance of natural flow regimes, protection of instream habitat, and encouragement of land management practices that protect the watershed.





ANHC



Cooperative Agreements

Image above: AGFC's Kirsten Bartlow and ANHC's Nate Priesendorfer and Jason Throneberry install an interpretive sign at Big Creek Natural Area. Previous page, left to right: Sign at Goose Pond Natural Area, located inside AGFC's Ed Gordon Point Remove WMA; sign at Stone Road Glade Natural Area.



The commission's largest land acquisition this year, which resulted in the largest single component of the System of Natural Areas, was made possible through a partnership with the AFC and USFS that provided \$2,060,000 in land acquisition grant funds from the federal Forest Legacy Grant Program. These funds were used to purchase 2,107 acres at the Warren Prairie Natural Area in Drew and Bradley counties that will protect a mosaic of salt slicks, saline soil barrens, Delta post oak flatwoods, prairie mound woodlands, pine woodlands, and bottomland hardwood forest communities. This area currently supports the state's largest population of an endangered plant and has the potential to support an endangered bird.



Under a new agreement with the Little Rock Zoo, ANHC staff and zoo horticulturists will work to propagate several rare plant species from natural areas in the Grand Prairie and the Coastal Plain. These plants will be used in restoration projects on ANHC lands and in educational exhibits (plantings) at the zoo. Specifically, several rare plant species from Railroad Prairie Natural Area and Konecny Prairie Natural Area will be grown from cuttings and/or seed for restoration projects at Downs Prairie Natural Area. Pondberry, a federally endangered shrub, will be propagated from cuttings taken from Coffee Prairie Natural Area and introduced to other sites at this natural area. In addition, some individuals of each species will be incorporated into exhibits at the Little Rock Zoo.

The commission is made up of fifteen members. Nine members are appointed by the governor for staggered terms of nine years each.

GOVERNOR APPOINTEES

Curtis Adams, Jr. - **Secretary** - Fort Smith, AR

Mark Karnes - **Chairman** - Arkadelphia, AR

Manuel Barnes - Bentonville, AR

Sally McLarty - Newport, AR

Robert Bevis, Jr. - Scott, AR

Neill Sloan - Lake Village, AR

Lucien Gillham - Sherwood, AR

Doug Swann - Little Rock, AR

Wade Williams - Fayetteville, AR





Image above: ANHC commissioners install a new sign at Kings River Falls Natural Area. Previous page, clockwise from top: Commissioners and staff in front of Kings River Falls; commission chairman Mark Karnes addresses the crowd at Warren Prairie dedication; ANHC botanist Theo Witsell leads commissioners and staff on a botanical hike at Cove Creek Natural Area.

In addition, the president pro tempore of the Arkansas Senate appoints three members, and the speaker of the Arkansas House of Representatives appoints three members. These six commissioners are not term limited and may change as the makeup of the Arkansas General Assembly changes.

PRESIDENT PRO TEMPORE OF THE SENATE APPOINTEES

Ann Cornwell - **Vice-Chairman** - Little Rock, AR

Robin Lockhart - Little Rock, AR

Gerry Soltz - Morrilton, AR

SPEAKER OF THE HOUSE OF REPRESENTATIVES APPOINTEES

Warren Jennings, Sr. - DeWitt, AR

Vacant

Vacant



ANHC



ANHC

Images above, top to bottom: ANHC staff survey a barrens at Warren Prairie Natural Area for Henslow's Sparrows in March 2010; ANHC's Theo Witsell leads other ANHC staff on a botanical hike at Middle Fork Barrens Natural Area in April 2010.

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Department of Arkansas Heritage

Marynell Branch
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Department of Arkansas Heritage

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2010

Annual Report

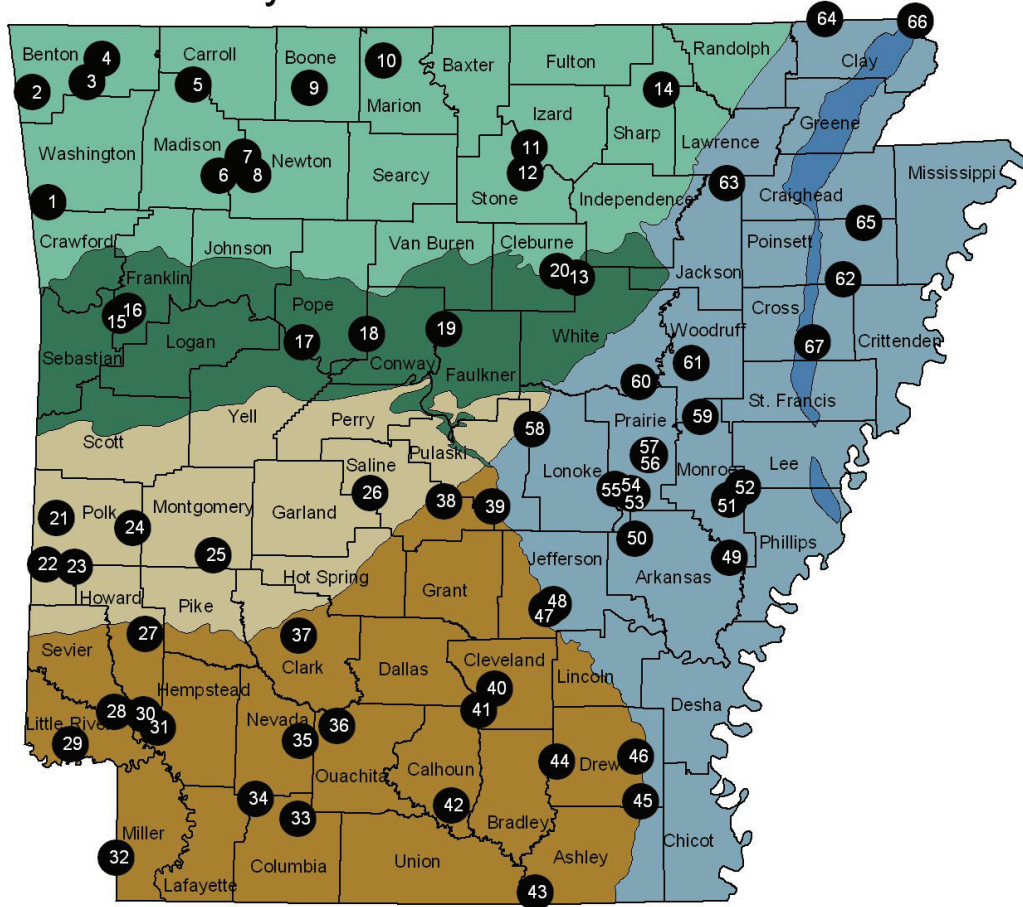
ARKANSAS 
**NATURAL
HERITAGE
COMMISSION**

an agency of the Department of Arkansas Heritage



Cover image: gray-head coneflower (*Ratibida pinnata*) at Stone Road Glade Natural Area

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**

Map Location #		Status Page Number
1	Garrett Hollow Natural Area	1-31
2	Chesney Prairie Natural Area	1-15
3	Cave Springs Cave Natural Area	1-11
4	Searles Prairie Natural Area	1-67
5	Bear Hollow Natural Area	1-5
6	Kings River Falls Natural Area	1-38
7	Sweden Creek Falls Natural Area	1-76
8	Pine Hollow Natural Area	1-58
9	Baker Prairie Natural Area	1-3
10	Slippery Hollow Natural Area	1-70
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	1-63
15	Cherokee Prairie Natural Area	1-13
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	1-8
25	Gap Creek Natural Area	1-30
26	Middle Fork Barrens Natural Area	1-46
27	Stone Road Glade Natural Area	1-74
28	White Cliffs Natural Area	1-83
29	Palmetto Flats Natural Area	1-55
30	Saratoga Blackland Prairie Natural Area	1-66
31	Nacatoch Ravines Natural Area	1-53
32	Miller County Sandhills Natural Area	1-47
33	Logoly Natural Area	1-43
34	Falcon Bottoms Natural Area	1-27
35	Arkansas Oak Natural Area	1-1
36	Poison Springs State Forest Sand Barren &	1-59
	Oak-Pine Forest Preserve	
37	Terre Noire Natural Area	1-79
38	Mills Park Natural Area	1-49
39	Lorance Creek Natural Area	1-44
40	Kingsland Prairie Natural Area	1-40
41	Moro Creek Bottoms Natural Area	1-52
42	Moro Big Pine Natural Area-Wildlife	1-50
	Management Area	
43	Coffee Prairie Natural Area	1-17
44	Warren Prairie Natural Area	1-81
45	Cut-off Creek Ravines Natural Area	1-23
46	Seven Devils Swamp Natural Area	1-68
47	Byrd Lake Natural Area	1-9
48	Taylor Woodlands Natural Area	1-78
49	Striplin Woods Natural Area	1-75

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

Map Location #		Status Page Number
50	Roth Prairie Natural Area	1-65
51	Pine City Natural Area	1-56
52	Louisiana Purchase Natural Area	1-45
53	Konecny Prairie Natural Area	1-42
54	Konecny Grove Natural Area	1-41
55	Smoke Hole Natural Area	1-71
56	Railroad Prairie Natural Area	1-61
57	Downs Prairie Natural Area	1-26
58	Holland Bottoms Willow Oak Forest Preserve.	1-35
59	Benson Creek Natural Area	1-6
60	Holloway Memorial Natural Area	1-36
61	Cache River Natural Area	1-10
62	Singer Forest Natural Area	1-69
63	Swifton Sand Ponds Natural Area	1-77
64	Stateline Sand Ponds Natural Area	1-73
65	St. Francis Sunken Lands Natural Area	1-72
66	Chalk Bluff Natural Area	1-12
67	Wittsburg Natural Area	1-85

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

Map Location #		Status Page Number
35	Arkansas Oak Natural Area	1-1
9	Baker Prairie Natural Area	1-3
5	Bear Hollow Natural Area	1-5
59	Benson Creek Natural Area	1-6
13	Big Creek Natural Area	1-7
24	Big Fork Creek Natural Area	1-8
47	Byrd Lake Natural Area	1-9
61	Cache River Natural Area	1-10
3	Cave Springs Cave Natural Area	1-11
66	Chalk Bluff Natural Area	1-12
15	Cherokee Prairie Natural Area	1-13
2	Chesney Prairie Natural Area	1-15
43	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
45	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
57	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
58	Holland Bottoms Willow Oak Forest Preserve	1-35
60	Holloway Memorial Natural Area	1-36
21	Iron Mountain Natural Area	1-37
6	Kings River Falls Natural Area	1-38
40	Kingsland Prairie Natural Area	1-40
54	Konecny Grove Natural Area	1-41
53	Konecny Prairie Natural Area	1-42
33	Logoly Natural Area	1-43
39	Lorance Creek Natural Area	1-44
52	Louisiana Purchase Natural Area	1-45
26	Middle Fork Barrens Natural Area	1-46
32	Miller County Sandhills Natural Area	1-47
38	Mills Park Natural Area	1-49
42	Moro Big Pine Natural Area-Wildlife Management Area	1-50
41	Moro Creek Bottoms Natural Area	1-52
31	Nacatoch Ravines Natural Area	1-53
29	Palmetto Flats Natural Area	1-55
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**Arkansas Natural Heritage Commission
System of Natural Areas
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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 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 sites 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 9/17/2008.

Stewardship Activities:

ANHC staff performed routine stewardship activities including installing barriers to block unauthorized ATV activity. Cooperative management tasks were also discussed with Arkansas Forestry Commission staff.

Date of Last Visit: 4/19/2010

Status:

Inventory work documented one new tracked plant species. Field assessments noted no problems.

Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Aristida desmantha</i>	curly three-awn	Plant
<i>Aristida lanosa</i>	woolly three-awn	Plant
<i>Astragalus leptocarpus</i>	slim-pod milk-vetch	Plant
<i>Astragalus soxmaniorum</i>	Soxman's milk-vetch	Plant
<i>Carex leptalea</i>	sedge	Plant
<i>Croton michauxii</i>	narrow-leaf rushfoil	Plant
<i>Cyperus grayoides</i>	flatsedge	Plant
<i>Cyperus hystricinus</i>	bristly flatsedge	Plant
<i>Danthonia sericea</i>	downy oat grass	Plant
<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	Plant
<i>Eriogonum multiflorum</i> var. <i>multiflorum</i>	wild buckwheat	Plant
<i>Penstemon murrayanus</i>	scarlet beardtongue	Plant
<i>Phacelia strictiflora</i> var. <i>robbinsii</i>	Robbins' prairie scorpion-weed	Plant
<i>Pogonomyrmex comanche</i>	Comanche harvester ant	Animal
<i>Polanisia erosa</i> ssp. <i>erosa</i>	clammy-weed	Plant
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Riddell's spike-moss	Plant
<i>Smilax walteri</i>	red-berried greenbrier	Plant
<i>Streptanthus hyacinthoides</i>	sandhill twistflower	Plant
<i>Stylisma pickeringii</i> var. <i>pattersonii</i>	Patterson's dawnflower	Plant
<i>Tradescantia reverchonii</i>	Reverchon's spiderwort	Plant

Acquisition Summary:

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

Baker Prairie Natural Area

County Name: Boone

Size (in acres): 30.315

Latitude: 36.24194

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 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 10/25/2007.

Stewardship Activities:

A contract was issued for vegetation management and other routine stewardship activities such as trash removal and invasive species control. ANHC staff conducted plant inventory and collected seed with staff from Missouri Botanical Garden. ANHC staff maintained the boundaries. The Nature Conservancy was contracted to conduct a prescribed burn on 40 acres.

Date of Last Visit: 5/17/2010

Status:

Inventory work documented one new tracked plant species. Field assessments noted no adverse impacts from adjacent developments and found no other problems. A cell phone audio tour sign was installed and the program activated.

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>Carex bicknellii</i>	Bicknell's sedge	Plant
<i>Carex gravida</i>	sedge	Plant
<i>Drymocallis arguta</i>	tall cinquefoil	Plant
<i>Empidonax traillii</i>	Willow Flycatcher	Animal
<i>Erythronium mesochoreum</i>	prairie trout-lily	Plant
<i>Gentiana puberulenta</i>	downy gentian	Plant
<i>Gryllotalpa major</i>	prairie mole cricket	Animal
<i>Helianthus occidentalis ssp. occidentalis</i>	naked-stem sunflower	Plant
<i>Laphria vorax</i>	a robberfly	Animal
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	Plant
Ozark Prairie and Woodland		Natural Community
<i>Prenanthes aspera</i>	rough rattlesnake-root	Plant
<i>Silene regia</i>	royal catchfly	Plant
<i>Symphyotrichum sericeum</i>	silvery aster	Plant
<i>Terrapene ornata ornata</i>	ornate box turtle	Animal
<i>Trillium ozarkanum</i>	Ozark trillium	Plant
<i>Viola pedatifida</i>	prairie violet	Plant
<i>Zizia aptera</i>	heart-leaf golden Alexanders	Plant

Acquisition Summary:

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

Bear Hollow Natural Area

County Name: Madison **Size (in acres):** 397.10 **Latitude:** 36.25506 **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 2/5/2009.

Stewardship Activities:

ANHC conducted parking lot maintenance, trash removal and boundary maintenance as part of the ongoing cooperative agreement with the Ozark Natural Science Center. The use of prescribed fire was cancelled due to heavy fuel loads from the winter storms. ANHC and Arkansas Forestry Commission staff conducted a Firewise assessment and developed recommendations for the Ozark Natural Science Center. ANHC staff conducted plant inventories and trained Ozark Natural Science Center staff on the rare plants and communities of the natural area. ANHC commissioners toured the facilities as part of the November 2009 commission meeting.

Date of Last Visit: 2/12/2010

Status:

The area continues to be utilized by large numbers of students. Inventory work documented one new tracked plant species and new additions to the plant list. Field assessments noted heavy fuel loads in wooded areas due to ice storm damage.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Argyroschisma dealbata</i>	powdery cloak fern	Plant
<i>Bromus nottowanus</i>	satin brome	Plant
<i>Carex sparganioides</i>	bur-reed sedge	Plant
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	Plant
<i>Hieracium scabrum</i>	rough hawkweed	Plant
<i>Symphotrichum sericeum</i>	silvery aster	Plant

Acquisition Summary:

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

Benson Creek Natural Area

County Name: Monroe, **Size (in acres):** 1,458.79 **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 (TNC) and the Arkansas Natural (ANHC) Heritage Commission hold an undivided interest in 302 acres.

Access:

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

Management Plan:

The conservation vision is to restore and protect biological diversity representative of bottomland hardwood forests and swamp communities of the Mississippi Alluvial Plain by maintaining or emulating natural ecosystem processes. The management plan was updated and approved by the commission on 10/25/2007.

Stewardship Activities:

ANHC staff cleaned the entrance sign, removed trash and performed other routine maintenance activities. ANHC and The Nature Conservancy staff continued a cooperative, grant-funded cane restoration project on portions of the natural area where intensive management is appropriate. The Nature Conservancy staff was contracted to conduct a prescribed burn on six acres as part of the cane restoration project. The Nature Conservancy also conducted plant community monitoring.

Date of Last Visit: 5/21/2010

Status:

Invasive species have been reduced. Canebrake restoration was initiated. Field assessments noticed no problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Big Creek Natural Area

County Name: Cleburne

Size (in acres): 1,507.676

Latitude: 35.50611

Longitude: -91.84308

Description:

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

Access:

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

Management Plan:

The conservation vision is to protect and maintain 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 05/04/2010.

Stewardship Activities:

ANHC staff conducted routine grounds and trail maintenance activities, and continued to monitor natural gas extraction activities on adjacent lands. New interpretive panels and trail signs were installed as part of a cooperative project with Arkansas Game and Fish Commission's "Watchable Wildlife" program. ANHC staff and Arkansas Department of Environmental Quality staff also conducted aquatic sampling. The Management Plan was updated to reflect current status.

Date of Last Visit: 5/28/2010

Status:

Field assessments noted no adverse impacts from a gas well developed on adjacent property. ATV encroachment is minimal. Interpretive trail signs have been installed. A cell phone audio tour sign was also installed and the program activated.

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
Central Interior Highlands & Appalachian Sinkhole & Depression Pond		Natural Community
<i>Deschampsia flexuosa</i>	wavy hair grass	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>Pantherophis emoryi</i>	Great Plains rat snake	Animal
<i>Philadelphus hirsutus</i>	hairy mock orange	Plant
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	Animal
<i>Silene ovata</i>	ovate-leaf catchfly	Plant
<i>Toxolasma lividus</i>	purple lilliput	Animal
<i>Villosa iris</i>	rainbow	Animal

Acquisition Summary:

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

Big Fork Creek Natural Area

County Name: Polk

Size (in acres): 13.58

Latitude: 34.49781

Longitude: -93.97282

Description:

Big Fork Creek Natural Area, located in the Ouachita Mountains, is a small mesophytic 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. Travel 0.1 miles to the parking area 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.

Stewardship Activities:

ANHC staff conducted routine trash removal and public use monitoring. The Nature Conservancy completed a contracted prescribed burn on seven acres.

Date of Last Visit: 5/14/2010

Status:

The area continues to be utilized by the public, including students from surrounding schools. Invasive plants have been reduced. Field assessments noted no other problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Cardamine angustata</i>	slender toothwort	Plant
<i>Carex laevivaginata</i>	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 goldenrod	Plant

Acquisition Summary:

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

Byrd Lake Natural Area

County Name: Jefferson

Size (in acres): 144

Latitude: 34.17988

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 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 the natural mosaic of aquatic and terrestrial communities representative of the boundary between Arkansas Delta and Coastal Plain. The management plan was updated and approved by the commission on 05/04/2010.

Stewardship Activities:

ANHC staff cut back vegetation along the trail and parking area. Volunteers performed trash removal along the road sides. Through a contract Audubon Arkansas developed a school-based volunteer program. Participants completed 236 hours of removing invasive species on 12 acres. A contractor monitored public access, opened and closed the gate daily, and also removed trash. ANHC staff conducted a plant inventory. The management plan was updated to reflect current status.

Date of Last Visit: 6/25/2010

Status:

Invasive species were reduced. The lake again received overflow from Bayou Bartholomew. Inventory work documented a new tracked plant species and added new species to the plant list. A section of the trail received windthrow damage.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex arkansana</i>	Arkansas sedge	Plant
<i>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 2/5/2009.

Stewardship Activities:

The Arkansas Game and Fish Commission continued daily management of the area and ANHC staff conducted routine stewardship activities.

Date of Last Visit: 6/23/2010

Status:

Field assessments by Arkansas Game and Fish Commission staff noted no problems.

Elements of Special Concern:

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

Acquisition Summary:

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

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 with the site's natural communities. The management plan was updated and approved by the commission on 5/13/2009.

Stewardship Activities:

ANHC staff monitored the cave gates for unauthorized access and performed other routine maintenance such as trash removal. Arkansas Game and Fish Commission staff conducted a survey for gray bats. ANHC staff monitored the natural area for impacts from adjacent property developments within the secondary recharge zone. The Nature Conservancy conducted a prescribed burn on eight acres and also treated invasive wintercreeper vines with a torch. ANHC reviewed water quality data collected by The Nature Conservancy staff. ANHC staff conducted plant inventory work and contracted for the planting of approximately 10,000 hardwood seedlings as part of an afforestation project.

Date of Last Visit: 6/8/2010

Status:

Ozark trillium plant population is increasing following continued hand-removal of invasive plant species. Field observations noted no evidence of white-nosed syndrome in the bat populations. Inventory work added new species to the plant list.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Amblyopsis rosae</i>	Ozark cavefish	Animal
<i>Caecidotea stiladactyla</i>	an isopod	Animal
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	Plant
Cave Stream		Natural Community
<i>Ligidium elrodii</i>	an isopod	Animal
<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 ozarkanum</i>	Ozark trillium	Plant

Acquisition Summary:

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

Chalk Bluff Natural Area

County Name: Clay

Size (in acres): 54.9252

Latitude: 36.47809

Longitude: -90.16495

Description:

Chalk Bluff 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 associated with Crowley's Ridge through the maintenance of natural ecological processes within the context of an historic and recreational park. The management plan was updated and approved by the commission on 2/2/2010.

Stewardship Activities:

ANHC staff performed periodic site assessments to monitor invasive species control, trash removal and general management of the area. Clay County staff continued trail maintenance responsibilities. The management plan was updated to reflect current status.

Date of Last Visit: 6/17/2010

Status:

A cell phone audio tour sign was installed and the program activated. Maintenance of public use facilities is needed. Field assessments noted no other problems.

Elements of Special Concern:

<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 Valley. Located just north of Charleston, this tract is a high-quality prairie representative of the more extensive Cherokee Prairies that once occurred across the western portion of the Arkansas Valley. The natural area contains a diverse array of forb species (herbaceous species other than grasses) including compass plant, purple prairie clover, and Indian paintbrush. It also 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 Valley by maintaining natural ecosystem processes. The management plan was updated and approved by the commission on 10/25/2007.

Stewardship Activities:

Routine stewardship activities included removing roadside trash and maintaining the parking area. The Nature Conservancy conducted a prescribed burn on 170 acres. Dr. Bill Baltosser (University of Arkansas at Little Rock) conducted surveys for butterflies, including the rare arogos skipper.

Date of Last Visit: 6/3/2010

Status:

Invasive species continued to be reduced. Inventory work documented three new tracked species. Field assessments noted no problems.

Elements of Special Concern:

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

Scientific Name*Solidago tortifolia**Terrapene ornata ornata***Common Name**

twist-leaf goldenrod

ornate box turtle

Type of Element

Plant

Animal

Acquisition Summary:

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

Chesney Prairie Natural Area

County Name: Benton

Size (in acres): 82.54

Latitude: 36.21865

Longitude: -94.4822

Description:

Chesney Prairie Natural Area is one of 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. Sager Creek runs through the prairie creating a wooded riparian corridor.

Access:

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

Management Plan:

The conservation vision is to restore and protect biological diversity representative of Northwest Arkansas prairies by maintaining natural ecosystem processes. The management plan was updated and approved by the commission on 5/04/2010.

Stewardship Activities:

ANHC staff conducted a prescribed burn on 22 acres. The recent prairie restoration continued to be monitored and plant inventory work was completed. A contracted land steward conducted species surveys, mapped and monitored plant community transects, assisted with the restoration of cropland and treated invasive species. The contractor also maintained the fences and lead fieldtrips on the area. The management plan was updated to reflect current status.

Date of Last Visit: 5/25/2010

Status:

Inventory work documented four new tracked plant species and added new species to the plant list. Public use and media attention continued. Field assessments noted no problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Coffee Prairie Natural Area

County Name: Ashley

Size (in acres): 56

Latitude: 33.05652

Longitude: -92.06584

Description:

Coffee Prairie Natural Area, located in the Coastal Plain, preserves some of the last remaining examples of a type of grassland called "lowland sand prairie." This 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 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 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 2/2/2010.

Stewardship Activities:

ANHC conducted routine stewardship activities such as boundary maintenance and invasive species monitoring. The management plan was updated to reflect current status.

Date of Last Visit: 6/23/2010

Status:

For the second consecutive year, the area flooded deeper and for a longer duration than normal. ANHC field staff noted no problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Cossatot River State Park-Natural Area

County Name: Howard, Polk **Size (in acres):** 4,470.20 **Latitude:** 34.37438 **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. ANHC 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 5/21/2008.

Stewardship Activities:

Arkansas State Parks staff supervised AmeriCorps workers who installed new trail sections and campsites, and also removed trash. ANHC staff conducted plant inventory work.

Date of Last Visit: 6/9/2010

Status:

AmeriCorps workers installed new portions of a trail. Plant inventory work documented additional sites for rare plant species. Field assessments noted no problems.

Elements of Special Concern:

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

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Pentacora ouachita</i>	Ouachita shore bug	Animal
<i>Percina pantherina</i>	leopard darter	Animal
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	Animal
<i>Sanicula smallii</i>	Small's black-snakeroot	Plant
<i>Stachys iltisii</i>	Ouachita hedge-nettle	Plant
<i>Streptanthus maculatus ssp. obtusifolius</i>	Arkansas twistflower	Plant
<i>Streptanthus squamiformis</i>	Ouachita twistflower	Plant
<i>Valerianella palmeri</i>	Palmer's cornsalad	Plant
<i>Vernonia lettermannii</i>	Letterman's ironweed	Plant
<i>Xyris difformis var. difformis</i>	yellow-eyed-grass	Plant

Acquisition Summary:

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

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Cossatot River 9 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$258,970.00	\$250,000.00	10/24/1990	Natural and Cultural Resources Council
Cossatot River 10 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$250,040.00	\$250,000.00	1/18/1991	Natural and Cultural Resources Council
Cossatot River 11 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$250,040.00	\$250,000.00	4/18/1991	Natural and Cultural Resources Council
Cossatot River 12 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$250,040.00	\$250,000.00	7/8/1991	Natural and Cultural Resources Council
Cossatot River 13 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$250,040.00	\$250,000.00	9/4/1991	Natural and Cultural Resources Council
Cossatot River 14 (The Nature Conservancy)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$51,347.50	\$51,175.00	10/28/1991	Natural and Cultural Resources Council
Cossatot River 15 (Weyerhaeuser)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$113,000.00	\$79,000.00	2/22/1993	Natural and Cultural Resources Council
Cossatot River 16 (Brushy Creek)	Conservation easement (fee title transferred to Arkansas State Parks in 2005)	\$336,000.00	\$0.00	1/31/1990	Gift

Cove Creek Natural Area

County Name: Faulkner

Size (in acres): 228

Latitude: 35.2886

Longitude: -92.4842

Description:

Cove Creek Natural Area, located in the Arkansas Valley, contains almost a mile of the course of Cove Creek near its confluence with Cadron Creek. At this point the meandering stream cuts deeply through a ridge of sandstone, creating a spectacular 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:

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

Management Plan:

The conservation vision is to protect and maintain a mosaic of aquatic and terrestrial communities characteristic of the Arkansas Valley. The management plan was updated and approved by the commission on 5/13/2009.

Stewardship Activities:

ANHC staff conducted routine stewardship activities and, along with staff from Conway County, cleared a public access road and parking area that was blocked by fallen limbs from winter storms. ANHC staff conducted plant inventory work. An entrance sign was installed and a fieldtrip was conducted as part of the August 2009 ANHC commission meeting.

Date of Last Visit: 5/21/2010

Status:

Public access was improved with the completion of a parking area and the removal of wind storm damage. Field assessments noted no other 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>Drymocallis arguta</i>	tall cinquefoil	Plant
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	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 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 9/17/2008.

Stewardship Activities:

Arkansas Game and Fish Commission staff continued to monitor the public use area. ANHC staff periodically inspected the area, removed trash, and consulted with Arkansas Game and Fish Commission staff concerning a proposed natural gas pipeline.

Date of Last Visit: 4/29/2010

Status:

Active public use continues. For the second consecutive year, the area flooded deeper and for a longer duration than normal. A proposed gas pipeline crossing on the Little Red River appears to have been re-routed, preventing additional disturbance.

Elements of Special Concern:

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

Acquisition Summary:

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

Cut-off Creek Ravines Natural Area

County Name: Drew

Size (in acres): 377

Latitude: 33.41055

Longitude: -91.56587

Description:

Cut-off Creek Ravines Natural Area, located in the Coastal Plain, contains two ravines that flow generally eastward from uplands to the adjacent bottomlands along Cut-off Creek. The ravines are forested with 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 Coastal Plain and the transition zone to the Mississippi Alluvial Plain. The management plan was updated and approved by the commission on 2/5/2009.

Stewardship Activities:

ANHC staff removed trash and Arkansas Game and Fish Commission continued routine grounds maintenance on the area.

Date of Last Visit: 6/23/2010

Status:

Field assessments noted a continued need for prescribed fire. The Arkansas Game and Fish Commission increased efforts to control feral hogs. 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 (Arkansas Game and Fish Commission holds fee title)	\$16,036.54	\$16,036.54	7/26/1990	Natural and Cultural Resources Council
Cut-off Creek 2	Conservation easement (Arkansas Game and Fish Commission holds fee title)	\$14,919.99	\$14,919.99	1/9/1991	Natural and Cultural Resources Council
Cut-off Creek 3	Conservation easement (Arkansas Game and Fish Commission holds fee title)	\$44,501.38	\$44,501.38	5/31/1991	ANHC purchased 2 tracts of land that became part of Cut-off Creek WMA. Title to that land went to AGFC; ANHC retained an easement. In exchange, AGFC dedicated conservation easements on Rock Creek, Coffee Prairie, & additional land at Cut-off

Dardanelle Rock Natural Area

County Name: Yell **Size (in acres):** 10 **Latitude:** 35.23778 **Longitude:** -93.16374

Description:

Dardanelle Rock, located in the Arkansas 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, and mockernut hickory and shortleaf pine.

Access:

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

Management Plan:

The conservation vision is to protect the scenic and geologic values of this natural and historic landmark. The management plan was updated and approved by the commission on 2/2/2010.

Stewardship Activities:

ANHC staff monitored the area for public use, conducted routine grounds maintenance activities, and treated invasive species. In response to an increase in rock climbing activities, ANHC developed a custodial relationship with a local rock climbers association that provided volunteer workers to clean up the area. The management plan was updated to reflect current status.

Date of Last Visit: 4/29/2010

Status:

Active public use increased. Regular site visits reduced litter but found continued graffiti problems. Rock-climbing volunteers helped clean up the area.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Geological feature</i>		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): 802.13

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 05/13/2009.

Stewardship Activities:

ANHC staff removed permanent deer stands, trash and fire rings; and also surveyed the area for unauthorized ATV access and cattle encroachment. Plant inventory work was conducted.

Date of Last Visit: 6/24/2010

Status:

Inventory work documented Ashe's Juniper specimens at least 240 years old. New species were also added to the plant list. A new acquisition protects additional glade habitat. Field assessments noted no other 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>Coreopsis grandiflora var. saxicola</i>	large-flower tickseed	Plant
<i>Penstemon cobaea</i>	purple beardtongue	Plant
<i>Symphotrichum sericeum</i>	silvery aster	Plant

Acquisition Summary:

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

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 representative communities and species related to the landform, hydrology, fire and other and other ecosystem processes of the Grand Prairie. The management plan was updated and approved by the commission on 5/4/2010.

Stewardship Activities:

ANHC staff conducted a prescribed burn on 13 acres. A restoration area was planted with a local, native genotype grass seed. ANHC staff surveyed for prairie mole crickets and also completed plant inventory work. The management plan was updated to reflect current status.

Date of Last Visit: 5/28/2010

Status:

Inventory work documented two new tracked plant species and increased the plant list. Survey work noted the continued presence of prairie mole crickets. A cell phone audio tour sign was installed and the program activated.

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>	sedge	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Gryllotalpa major</i>	prairie mole cricket	Animal
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	Plant
Lower Mississippi Alluvial Plain Grand Prairie		Natural Community
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening-primrose	Plant
<i>Solidago juncea</i>	early goldenrod	Plant
<i>Solidago speciosa var. rigidiuscula</i>	showy goldenrod	Plant
<i>Solidago tortifolia</i>	twist-leaf goldenrod	Plant
<i>Tetraopes quinque maculatus</i>	a red milkweed beetle	Animal

Acquisition Summary:

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

Falcon Bottoms Natural Area

County Name: Columbia, Lafayette, Nevada **Size (in acres):** 3,210.815 **Latitude:** 33.44522 **Longitude:** -93.36312

Description:

Falcon Bottoms Natural Area is an excellent example of the narrow, but highly diverse, natural communities that occur along small to medium sized streams of the Coastal Plain. Bayou Dorcheat, which flows through the natural area, is considered to be one of the most intact and important 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 maintain the integrity of Bayou Dorcheat as representative of a high quality Coastal Plain stream and to protect the associated natural communities through managing for large-scale natural processes within the watershed. The management plan was updated and approved by the commission on 5/4/2010.

Stewardship Activities:

ANHC staff conducted grounds maintenance, removed trash and delivered a hog trap to a local contractor. Contracted work included removing beavers, breaching the associated dams and removing feral hogs from the natural area. The contractor also removed deer stands and blocked unauthorized vehicle activity. The management plan was updated to reflect current status.

Date of Last Visit: 5/28/2010

Status:

Invasive animal species continue to be substantially reduced. A new acquisition protects more of the Bayou and its tributaries.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Colonial nesting site, water birds</i>		Other
Cypress-tupelo swamp		Natural Community
<i>Ditrysinia fruticosa</i>	Sebastian-bush	Plant
<i>Hexalectris spicata var. spicata</i>	crested-coralroot	Plant
<i>Hypoxis curtissii</i>	Curtiss' star-grass	Plant
<i>Platanthera flava</i>	southern tuberclred orchid	Plant
Willow oak forest		Natural Community

Acquisition Summary:

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

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
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
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
Falcon 21 (Anthony)	Fee title	\$53,000.00	\$52,292.64	12/19/2008	Natural and Cultural Resources Council
Falcon 22 (Plum Creek)	Fee title	\$211,000.00	\$203,775.00	6/17/2009	Natural and Cultural Resources Council
Falcon 23 (Deltic)	Fee title	\$179,000.00	\$178,240.00	7/31/2009	Natural and Cultural Resources Council
Falcon 24 (Crone)	Fee title	\$121,000.00	\$112,100.00	11/26/2009	Natural and Cultural Resources Council

Fernwood Seep Natural Area

County Name: Polk

Size (in acres): 9.59

Latitude: 34.34962

Longitude: -94.3881

Description:

Fernwood Seep Natural Area consists of a complex of Ouachita Mountain wooded acid seeps, with a spring-fed stream and upland pine-oak/hickory forests. Wooded acid seeps are 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 9/17/2008.

Stewardship Activities:

ANHC staff conducted regular boundary maintenance, removed roadside trash, and inspected the area for storm damage. The Nature Conservancy conducted a prescribed burn.

Date of Last Visit: 5/14/2010

Status:

Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Cardamine angustata</i>	slender toothwort	Plant
<i>Hemidactylium scutatum</i>	four-toed salamander	Animal

Acquisition Summary:

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

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 10/25/2007.

Stewardship Activities:

ANHC staff performed routine stewardship activities including boundary maintenance.

Date of Last Visit: 5/14/2010

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>Houstonia ouachitana</i>	Ouachita bluet	Plant
Upland Headwater Stream-Ouachita Mountains		Natural Community

Acquisition Summary:

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

Garrett Hollow Natural Area

County Name: Washington **Size (in acres):** 747.008 **Latitude:** 35.78561 **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 the Ozark big-eared bat populations and diversity of aquatic and terrestrial communities. The management plan was updated and approved by the commission on 5/4/2010.

Stewardship Activities:

ANHC staff conducted routine stewardship activities and installed a new entrance sign. A contractor was hired to plant approximately 8,000 upland hardwoods as part of a grant-funded afforestation project on a new acquisition. Arkansas Game and Fish Commission staff conducted a survey for Ozark big-eared bats. The Management Plan was updated to reflect current status.

Date of Last Visit: 6/2/2010

Status:

ATV use on the natural area has been reduced. Field observations noted no evidence of white-nosed syndrome in the bat populations. Afforestation efforts began on the old field acquired last year. Field assessments noted no problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Goose Pond Natural Area

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

Description:

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

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 Valley. The management plan was updated and approved by the commission on 2/5/2009.

Stewardship Activities:

ANHC staff continued cooperative stewardship efforts with on-site Arkansas Game and Fish Commission staff, including trash removal, boundary maintenance and invasive plant species control.

Date of Last Visit: 4/29/2010

Status:

Arkansas Game and Fish Commission staff on-site reported no problems.

Elements of Special Concern:

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

Acquisition Summary:

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

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 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 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 biological diversity representative of tallgrass prairies of the western Arkansas Valley by maintaining natural ecosystem processes. The management plan was updated and approved by the commission on 10/25/2007.

Stewardship Activities:

Routine stewardship activities included maintaining the parking area and boundaries, removing trash, and invasive species control. ANHC staff also conducted breeding bird surveys and plant inventory work. Dr. Bill Baltosser (University of Arkansas at Little Rock) conducted surveys for butterflies, including the rare arogos skipper. The Nature Conservancy conducted a prescribed burn on 240 acres.

Date of Last Visit: 6/24/2010

Status:

Inventory work added species to the plant list and documented one new tracked plant. Field surveys also documented one new tracked animal species. Woody vegetation was reduced. A cell phone audio tour sign was installed and the program activated.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Ammodramus henslowii</i>	Henslow's Sparrow	Animal
<i>Antennaria neglecta</i>	field pussytoes	Plant
Arkansas Valley Prairie and Woodland		Natural Community
<i>Asio flammeus</i>	Short-eared Owl	Animal
<i>Atrytone arogos</i>	arogos skipper	Animal
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex opaca</i>	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>	horned beaksedge	Plant
<i>Terrapene ornata ornata</i>	ornate box turtle	Animal
<i>Tetraopes quinque maculatus</i>	a red milkweed beetle	Animal
<i>Tetraopes texanus</i>	a red milkweed beetle	Animal

Acquisition Summary:

<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 2/5/2009.

Stewardship Activities:

ANHC staff conducted grounds maintenance activities, repaired fencing, and cleared the access road. A contractor completed a recharge delineation study that identified potential groundwater threats to the natural area.

Date of Last Visit: 1/17/2010

Status:

Field observations noted no evidence of white-nosed syndrome in the bat populations. A recharge area delineation project was completed and threats identified. Field assessments noted two attempted cave break-ins.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Brickellia grandiflora</i>	tassel-flower	Plant
<i>Cambarus zophonastes</i>	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 (The Nature Conservancy)	Fee title	\$44,000.00	\$30,891.30	6/8/1985	State General Improvement Fund
Hell Creek 2 (Dawson)	Fee title	\$10,000.00	\$8,000.06	6/8/1988	State General Improvement Fund, Federal Fund Balances
Hell Creek 3 (Dawson Family Trust)	Fee title	\$5,000.00	\$4,500.00	10/5/1989	Federal Fund Balances

Holland Bottoms Willow Oak Forest Preserve

County Name: Lonoke

Size (in acres): 632.3

Latitude: 34.89671

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 18% 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 10/25/2007.

Stewardship Activities:

ANHC staff confirmed that Arkansas Game and Fish Commission continued routine grounds maintenance work.

Date of Last Visit: 6/29/2010

Status:

Field assessments noted no problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Holloway Memorial Natural Area

County Name: Prairie

Size (in acres): 75

Latitude: 35.07016

Longitude: -91.5399

Description:

Holloway Memorial Natural Area is representative of the once extensive 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 2/2/2010.

Stewardship Activities:

ANHC staff continued work clearing and repairing the trail, and performed routine maintenance on the parking and picnic area. The Nature Conservancy completed a contract to conduct a prescribed burn on 55 acres. The Management Plan was updated to reflect current status.

Date of Last Visit: 3/30/2010

Status:

Fuel loads were reduced in wooded areas. Field assessments noted no problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Iron Mountain Natural Area

County Name: Polk **Size (in acres):** 260.51 **Latitude:** 34.52935 **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 associated intermittent stream and its riparian watershed. The management plan was updated and approved by the commission on 2/2/2010.

Stewardship Activities:

ANHC staff conducted maintenance on the parking area and trail. Invasive plant species were removed. ANHC staff worked with a contractor to install a spur trail linking the new parking area to the existing trail system. The management plan was updated to reflect current status.

Date of Last Visit: 6/17/2010

Status:

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

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Plethodon serratus</i>	southern redback salamander	Animal

Acquisition Summary:

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

Kings River Falls Natural Area

County Name: Madison

Size (in acres): 946.274

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 at natural area sign.

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 10/25/2007.

Stewardship Activities:

ANHC staff removed trash and monitored the bluff shelters for illegal artifact poaching. A new entrance sign was installed at the parking area and a fieldtrip was conducted as part of the November 2009 ANHC commission meeting. Staff also conducted plant inventory work and collected seed in cooperation with the Missouri Botanical Garden.

Date of Last Visit: 6/21/2010

Status:

New acquisitions increased the protection of an additional 0.75 miles of the Kings River. Inventory work documented two new tracked plant species and increased the species on the plant list. Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	Plant
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	Plant
<i>Hieracium scabrum</i>	rough hawkweed	Plant
<i>Orconectes williamsi</i>	William's crayfish	Animal
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Kings River 1 (Coger)	Fee title	\$9,000.00	\$8,000.00	5/25/1979	State General Improvement Fund, Land and Water Conservation Fund
Kings River 2 (Ewing)	Fee title	\$232,000.00	\$190,000.00	8/19/1996	Natural and Cultural Resources Council
Kings River 3 (Maggard)	Fee title	\$61,397.12	\$55,000.00	12/10/1996	Natural and Cultural Resources Council
Kings River 4 (Maggard/Johnson)	Fee title	\$156,079.00	\$156,079.00	4/3/2008	Natural and Cultural Resources Council
Kings River 5 (BVF)	Fee title	\$66,600.00	\$0.00	6/27/2008	Gift

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Kings River 6 (Eaton)	Fee title	\$279,000.00	\$279,000.00	3/8/2010	1/8 Cent Conservation Tax
Kings River 7 (Bennett)	Fee title	\$54,306.75	\$54,307.75	4/9/2010	1/8 Cent Conservation Tax
Kings River 8 (Throneberry)	Fee title	\$146,523.70	\$146,523.70	5/3/2010	1/8 Cent Conservation Tax

Kingsland Prairie Natural Area

County Name: Cleveland

Size (in acres): 399.19

Latitude: 33.8636

Longitude: -92.252

Description:

Kingsland Prairie Natural Area, located in the Coastal Plain, consists of a mosaic of salt slick barrens, saline prairie, prairie mound woodlands, pine savanna, 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. The unique soils and sparse tree cover create ideal habitat for a number of rare herbaceous plant species including the federally threatened species *Geocarpon minimum*. Numerous shallow, seasonally-wet depressions in these prairies also provide for a rich diversity of plant species.

Access:

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

Management Plan:

The conservation vision is to restore and maintain the processes that maintain the mosaic of plant communities, rare species and saline soil ecosystem represented at the site. The management was approved by the commission on 2/2/2010.

Stewardship Activities:

ANHC staff performed routine stewardship activities that included the installation of a new entrance sign. ANHC staff also conducted surveys for *geocarpon* and worked with researchers from the Center for Conservation and Sustainable Development to bank the seeds of *geocarpon* from the area.

Date of Last Visit: 5/27/2010

Status:

A new acquisition protects additional sub-populations of *geocarpon* and saline prairie habitat. Four new species were added to the list of tracked plants at the area. Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Alophia drummondii</i>	pinewoods-lily	Plant
<i>Ammodramus henslowii</i>	Henslow's Sparrow	Animal
<i>Crocanthemum rosmarinifolium</i>	rosemary rock-rose	Plant
<i>Geocarpon minimum</i>	geocarpon	Plant
<i>Iva angustifolia</i>	slender marsh-elder	Plant
<i>Krigia occidentalis</i>	western dwarf-dandelion	Plant
<i>Schoenolirion wrightii</i>	Texas sunnysbell	Plant
South Central Saline Glade		Natural Community
<i>Symphotrichum pratense</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>
Kingsland 1 (The Nature Conservancy)	Fee title	\$165,000.00	\$165,000.00	6/17/2009	Natural and Cultural Resources Council
Kingsland 2 AR Pulpwood)	Fee title	\$179,000.00	\$178,809.27	7/1/2010	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant

Konecny Grove Natural Area

County Name: Prairie

Size (in acres): 22.17

Latitude: 34.63496

Longitude: -91.59229

Description:

Konecny Grove Natural Area is one of the few remaining examples of 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 high integrity of this best remaining remnant of prairie slash community and the only known population of Stern's Medlar with functioning natural processes, particularly hydrology and fire. The management plan was updated and approved by the commission on 2/2/2010.

Stewardship Activities:

ANHC staff continued monitoring the condition of the Sterns' Medlar population. Staff also performed routine stewardship activities and conducted invasive plant species removal. Audubon Arkansas completed contract work to remove invasive plant species on three acres. The management plan was updated to reflect current status.

Date of Last Visit: 5/27/2010

Status:

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

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex opaca</i>	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	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 integrity of this remnant of tallgrass prairie community representative of the vegetation and biota of the Grand Prairie. The management plan was updated and approved by the commission on 2/2/2010.

Stewardship Activities:

ANHC staff continued to perform grounds maintenance activities as well as intensive invasive plant species removal on three acres. Staff also conducted a prescribed burn on 60 acres. The management plan was updated to reflect current status.

Date of Last Visit: 6/18/2010

Status:

Invasive woody plant species were reduced. Inventory work documented three new tracked plant species and increased the plant list. Field assessments noted no problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Logoly Natural Area

County Name: Columbia

Size (in acres): 200

Latitude: 33.34989

Longitude: -93.18353

Description:

Logoly Natural Area, located in the Coastal Plain, is used intensively for environmental education and contains various natural communities representative of south-central Arkansas. Forests of both pines and hardwoods are 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 and woodland maintained through natural disturbance processes. The management plan was updated and approved by the commission on 9/17/2008.

Stewardship Activities:

Arkansas State Parks staff continued to perform daily management activities, monitored public use areas, and conducted plant inventory work.

Date of Last Visit: 6/22/2010

Status:

Arkansas State Parks staff added new species to the plant list. Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
Lowland pine-oak forest		Natural Community
<i>Polygala nana</i>	candyroot	Plant

Acquisition Summary:

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

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 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 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 2/2/2010.

Stewardship Activities:

ANHC and The Nature Conservancy staff continued routine ground maintenance and monitored the trail and boardwalk each week for vandalism. Staff also conducted a prescribed burn around the retention pond. ANHC staff conducted plant inventory work and The Nature Conservancy conducted plant community monitoring under contract. A fieldtrip to the area was part of the February 2010 ANHC commission meeting. The Management Plan was updated to reflect current status.

Date of Last Visit: 6/30/2010

Status:

Vandalism continues to be a problem. The trail surface has severely degraded due to heavy public use and flooding. Inventory work documented one new tracked plant species and increased the plant list.

Elements of Special Concern:

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

Acquisition Summary:

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

Louisiana Purchase Natural Area

County Name: Monroe, Lee, Phillips **Size (in acres):** 35.102 **Latitude:** 34.64559 **Longitude:** -91.05422

Description:

Louisiana Purchase Natural Area preserves the initial point 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 9/17/2008.

Stewardship Activities:

Arkansas State Parks staff continued to perform stewardship activities, including monitoring public use areas.

Date of Last Visit: 5/28/2010

Status:

The altered hydrology of the surrounding area continues to impact the headwater swamp. A cell phone audio tour sign was installed and the program activated. Field assessments noted no other problems.

Elements of Special Concern:

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

Acquisition Summary:

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

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 10/25/2007.

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 removed invasive red cedars. ANHC staff also managed an ecological thinning of a pine plantation remnant on the natural area. The Nature Conservancy was contracted to perform a prescribed burn on 75 acres and develop a plant community monitoring report. Audubon Arkansas completed contract for cedar removal on 15 acres.

Date of Last Visit: 6/21/2010

Status:

Ecological thinning has significantly reduced invasive cedars which has improved the habitat structure and species composition. Inventory worked added additional species to the plant list and documented one new tracked plant and one new tracked animal.

Elements of Special Concern:

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

Acquisition Summary:

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

Miller County Sandhills Natural Area

County Name: Miller

Size (in acres): 222.7804

Latitude: 33.19354

Longitude: -94.02781

Description:

Miller County Sandhills Natural Area, located in the Coastal Plain, is one of the few remaining examples of relatively undisturbed sandhill vegetation in southwestern Arkansas. The area is marked by rolling topography and 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 Coastal Plain. The management plan was updated and approved by the commission on 5/4/2010.

Stewardship Activities:

ANHC staff performed routine stewardship activities, including parking lot maintenance and installation of a fence to block unauthorized vehicle activity. ANHC staff also completed a plant inventory. The management plan was updated to reflect current status.

Date of Last Visit: 5/27/2010

Status:

ATV encroachment has been reduced. Field assessments noted minor windthrow damage from an area tornado. Inventory worked added additional species to the plant list and documented four new tracked plants.

Elements of Special Concern:

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

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Mitreola sessilifolia</i>	swamp hornpod	Plant
<i>Nuttallanthus canadensis</i>	blue toadflax	Plant
<i>Oenothera heterophylla</i> ssp. <i>heterophylla</i>	evening-primrose	Plant
<i>Pedimelum digitatum</i>	palm-leaf Indian-breadroot	Plant
<i>Pedimelum hypogaeum</i> var. <i>subulatum</i>	buried Indian-breadroot	Plant
<i>Rhynchospora gracilentia</i>	beaksedge	Plant
<i>Rhynchospora rariflora</i>	few-flower beaksedge	Plant
<i>Scutellaria cardiophylla</i>	heart-leaf skullcap	Plant
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Riddell's spike-moss	Plant
<i>Streptanthus hyacinthoides</i>	sandhill twistflower	Plant
<i>Thelesperma flavodiscum</i>	greenthread	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:

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

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 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 representative Coastal Plain wooded seep and its surrounding forest within the context of a city recreational park. The management plan was updated and approved by the commission on 5/4/2010.

Stewardship Activities:

ANHC staff conducted regular trail maintenance, installed a new entrance sign, and removed a geocache from the area. Plant inventory work was also conducted. Audubon Arkansas completed contract work for invasive species removal. The management plan was updated to reflect current status.

Date of Last Visit: 4/16/2010

Status:

Invasive plant species were reduced. Very active public use continues. Seep habitat increased after thinning. A cell phone audio tour sign was installed and the program activated. Field assessments noted no problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Moro Big Pine Natural Area-Wildlife Management Area

County Name: Calhoun

Size (in acres): 15,922.78

Latitude: 33.3961

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 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:

The conservation vision is to restore and maintain, within a commercial forest, the processes that support the mosaic of plant communities, rare species and flatwoods ecosystem represented at the site, with special emphasis on Red-cockaded woodpeckers. The management plan was approved by the commission on 8/26/2009.

Stewardship Activities:

ANHC staff attended the yearly Moro Big Pine Natural Area WMA meeting held in Warren, Arkansas. Staff from ANHC, Arkansas Game and Fish Commission, Potlatch, and The Nature Conservancy discussed past and future management of Moro Big Pine. ANHC staff conducted plant inventory work. Potlatch staff monitored Red-cockaded Woodpecker colonies. ANHC participated in a field trip with the Arkansas Chapter of the Wildlife Society. The Management Plan was updated to reflect current status.

Date of Last Visit: 5/9/2010

Status:

Fieldwork documented an increase in the Red-cockaded Woodpecker population, with the highest recorded number of birds fledging. High water and extremely wet conditions delayed pine flatwoods restoration work.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Alophia drummondii</i>	pinewoods-lily	Plant
<i>Anthenantia texana</i>	Kral's silkyscale	Plant
<i>Coelorachis rugosa</i>	wrinkled joint-tail	Plant
<i>Dichantherium scabriusculum</i>	tall swamp rosette grass	Plant
<i>Fuirena bushii</i>	Bush's umbrella sedge	Plant
<i>Lampropeltis triangulum amaura</i>	Louisiana milk snake	Animal
<i>Paspalum praecox</i>	early paspalum	Plant
<i>Picoides borealis</i>	Red-cockaded Woodpecker	Animal
<i>Plethodon kisatchie</i>	Louisiana slimy salamander	Animal
<i>Sabatia campanulata</i>	slender rose-gentian	Plant
<i>Smilax walteri</i>	red-berried greenbrier	Plant
<i>Xyris ambigua</i>	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 Arkansas Game and Fish Commission has 64% interest)	\$771,280.99	\$771,280.99	12/17/2007	Natural and Cultural Resources Council

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

Moro Creek Bottoms Natural Area

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

Description:

Moro Creek Bottoms Natural Area, located in the Coastal Plain, supports high-quality stands of lowland oak-sweetgum and bald cypress. Several cherrybark oak, water oak, and sweetgum trees on the natural area exceed three feet in diameter and tower more than 90 feet in height. The Nature Conservancy 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 to old-growth forest. The management plan was updated and approved by the commission on 1/29/2008.

Stewardship Activities:

ANHC staff conducted routine stewardship activities, boundary inspections, installed a new entrance sign and monitored the area for feral hogs.

Date of Last Visit: 6/8/2010

Status:

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

Elements of Special Concern:

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

Acquisition Summary:

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

Nacatoch Ravines Natural Area

County Name: Hempstead **Size (in acres):** 2,122.125 **Latitude:** 33.65034 **Longitude:** -93.83154

Description:

Nacatoch Ravines Natural Area is one of the largest, and most intact, examples of dry, dry-mesic, and mesic upland forests remaining in the northern part of the Coastal Plain. Through much of the site, canopy trees average two to three feet or more in diameter, with many larger individual trees. 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 middle tract.

Management Plan:

The conservation vision is to work in conjunction with The Nature Conservancy to protect and restore upland forest communities of the 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 5/4/2010.

Stewardship Activities:

ANHC staff monitored last year's aerial applications of herbicide to control kudzu and contracted for additional applications. ANHC staff also treated kudzu with hand-spraying of herbicide on 17 acres. Routine stewardship activities such as trash removal, were conducted. ANHC staff led a tour of the area for Domtar foresters. The Nature Conservancy completed an ecological timber thin on the easement area, conducted prescribed burning on 52 acres, and contracted with a forest grinder to remove understory vegetation and install firelines. The management plan was updated to reflect current status.

Date of Last Visit: 5/25/2010

Status:

Aggressive herbicide treatments continued to notably reduce kudzu and increase native vegetation. A new acquisition protects additional blackland ravine forest and provides connectivity to the area. Blackland prairie restoration began.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex kraliana</i>	Kral's sedge	Plant
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	Plant
<i>Haliaeetus leucocephalus</i>	Bald Eagle	Animal
<i>Lithospermum tuberosum</i>	tuberous puccoon	Plant
<i>Plethodon serratus</i>	southern redback salamander	Animal
<i>Quercus austrina</i>	bluff oak	Plant
<i>Quercus sinuata</i>	Durand's white oak	Plant

Acquisition Summary:

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

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Nacatoch 4 (Anthony/Weyco)	Fee title, and conservation easement (The Nature Conservancy holds fee title on 248 acres)	\$448,000.00	\$446,258.86	6/3/2010	Natural and Cultural Resources Council

Palmetto Flats Natural Area

County Name: Little River **Size (in acres):** 1,848 **Latitude:** 33.6503 **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 5.2 miles to Richmond Road (Little River 21). Turn left (south) on Richmond Road and drive for about 5.6 miles. Turn right (north) onto a dirt road. Travel for 0.25 miles to the natural area

Management Plan:

The conservation vision is to restore and protect the largest contiguous block of alluvial terrace forest, including rare wet hardwood and pine-hardwood flatwoods with a dwarf palmetto understory, remaining in the Red River Valley of Arkansas. The management plan was approved by the commission on 8/26/2009.

Stewardship Activities:

ANHC staff continued boundary posting and other routine grounds maintenance. Staff also developed a contract with a local resident for caretaker duties and conferred with the Little River County Judge on the installation of a parking area. The Ecological Conservation Organization was contracted to install ¼ mile of fencing to help control vehicle access to the area. The management plan was updated to reflect current status.

Date of Last Visit: 6/15/2010

Status:

Invasive plant species were identified and reduced. Public access was improved through an agreement with an adjacent landowner. Field assessments noted no problems.

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): 962.47

Latitude: 34.60423

Longitude: -91.13117

Description:

Pine City Natural Area provides vital habitat for the only known population of the federally endangered Red-cockaded Woodpecker in the Mississippi Alluvial Plain of 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 a genetically distinct population of loblolly pine and the only known population of the federally endangered Red-cockaded Woodpecker in the Mississippi Alluvial Plain. The management plan was updated and approved by the commission on 5/4/2010.

Stewardship Activities:

ANHC staff cleaned and maintained Red-cockaded Woodpecker nest cavities, hand pulled invasive plant species, posted boundary lines, and maintained the parking area. The ecological thinning of the mid and understory progressed but was stopped again before final completion due to wet ground conditions. Local genotype pine seedlings planted in restoration areas were monitored, and additional seedlings were planted, including approximately 17 acres restored earlier and destroyed by wildfire. ANHC staff conducted soil compaction studies. The Nature Conservancy conducted a prescribed burn on 130 acres. ANHC contracted with a forestry grinder to remove woody understory on 60 acres. ANHC staff also met with Arkansas Highway and Transportation Department staff to plan remediation of drains and culverts that impound water on the natural area. The Management Plan was updated to reflect current status.

Date of Last Visit: 6/16/2010

Status:

Pine flatwoods were restored on 60 acres using a forestry mulcher. A wildfire on 17 acres of previously-restored land required replanting. The number of Red-cockaded Woodpecker groups increased to three. A new acquisition provided additional habitat.

Elements of Special Concern:

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

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Pine City 1	Fee title	\$33,840.00	\$32,200.00	8/8/1988	Natural and Cultural Resources Council
Pine City 2	Fee title	\$31,500.00	\$31,500.00	8/10/1989	Natural and Cultural Resources Council
Pine City 3	Fee title	\$67,680.00	\$32,000.00	3/2/1989	Natural and Cultural Resources Council
Pine City 4	Fee title	\$216,600.00	\$215,000.00	9/5/2001	Natural and Cultural Resources Council
Pine City 5	Fee title	\$46,300.00	\$46,300.00	6/18/2003	Natural and Cultural Resources Council, Land Water Conservation Fund
Pine City 6	Fee title	\$62,000.00	\$62,000.00	7/17/2003	Natural and Cultural Resources Council, 1/8 Cent Conservation Tax

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
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 City 12	Fee title	\$73,640.00	\$73,640.00	4/3/2009	U.S. Fish and Wildlife Service Grant
Pine City 13	Fee title	\$60,000.00	\$60,000.00	9/29/2009	Natural and Cultural Resources Council

Pine 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 National River and a portion of its watershed. The management plan was updated and approved by the commission on 5/13/2009.

Stewardship Activities:

The landowners continued to perform routine grounds maintenance of the area and worked closely with ANHC staff to review the rotation schedule for future prescribed burns.

Date of Last Visit: 6/18/2010

Status:

Field assessments noted increased fuel loads from earlier ice storm damage and no other problems.

Elements of Special Concern:

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

Acquisition Summary:

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

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

County Name: Ouachita Nevada **Size (in acres):** 699.46 **Latitude:** 33.6596 **Longitude:** -93.02612

Description:

Poison Springs State Forest Sand Barren includes nearly 65 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 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 in cooperation with the Arkansas Forestry Commission and The Nature Conservancy.

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 Coastal Plain. The management plan was updated and approved by the commission on 5/13/2009.

Stewardship Activities:

ANHC staff conducted routine ground maintenance activities including the installation of funding resource signs. ANHC and Arkansas Forestry Commission staff worked cooperatively to develop a joint management plan for co-owned areas. ANHC staff conducted a plant inventory.

Date of Last Visit: 4/19/2010

Status:

Inventory worked added additional species to the plant list and documented two new tracked plants and one new animal. Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Aristida lanosa</i>	woolly three-awn	Plant
<i>Astragalus leptocarpus</i>	slim-pod milk-vetch	Plant
<i>Astragalus soxmaniorum</i>	Soxman's milk-vetch	Plant
<i>Bulbostylis ciliatifolia</i> var. <i>coarctata</i>	hairsedge	Plant
<i>Croton michauxii</i>	narrow-leaf rushfoil	Plant
<i>Cyperus grayoides</i>	flatsedge	Plant
<i>Cyperus hystriacus</i>	bristly flatsedge	Plant
<i>Delphinium carolinianum</i> ssp. <i>vimineum</i>	pinewoods larkspur	Plant
<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	Plant
<i>Eriogonum multiflorum</i> var. <i>multiflorum</i>	wild buckwheat	Plant
<i>Hyla avivoca</i>	bird-voiced treefrog	Animal
<i>Oenothera heterophylla</i> ssp. <i>orientalis</i>	evening-primrose	Plant
<i>Penstemon murrayanus</i>	scarlet beardtongue	Plant
<i>Phacelia strictiflora</i> var. <i>robbinsii</i>	Robbins' prairie scorpion-weed	Plant
<i>Pemseranthus rugospermus</i>	rough-seed fameflower	Plant
<i>Pogonomyrmex comanche</i>	Comanche harvester ant	Animal
<i>Polanisia erosa</i> ssp. <i>erosa</i>	clammy-weed	Plant
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Riddell's spike-moss	Plant
<i>Streptanthus hyacinthoides</i>	sandhill twistflower	Plant
<i>Stylisma pickeringii</i> var. <i>pattersonii</i>	Patterson's dawnflower	Plant

Scientific Name*Tradescantia reverchonii*West Gulf Coastal Plain Sandhill Oak
& Shortleaf Pine Forest & Woodland**Common Name**

Reverchon's spiderwort

Type of Element

Plant

Natural Community

Acquisition Summary:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Poison 1	Conservation easement (Arkansas Forestry Commission holds fee title)	\$0.00	\$0.00	4/24/1985	Gift
Poison 2	Conservation easement (The Nature Conservancy holds fee title)	\$249,000.00	\$249,000.00	6/25/2009	Natural and Cultural Resources Council

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 maintain a representative transect of communities and species related to the landform, hydrology, fire and other ecosystem processes of the Grand Prairie of eastern Arkansas. The management plan was updated and approved by the commission on 5/4/2010.

Stewardship Activities:

Routine stewardship activities included removing trash and treating invasive plant species. ANHC staff also conducted prescribed burns totaling 140 acres. The Ecological Conservation Organization was contracted to install 15 gates to block unauthorized vehicle access to the prairie. ANHC staff conducted plant inventory work and monitored work done by an adjacent landowner to remove vegetation along shared drainage ditches. The management plan was updated to reflect current status.

Date of Last Visit: 6/30/2010

Status:

Inventory work added new species to the plant list and documented five new tracked plants. Invasive woody plant species were reduced. An Arkansas Game and Fish Commission officer cited two adjacent landowners for inappropriate activities on the area.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Asclepias obovata</i>	savannah milkweed	Plant
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex normalis</i>	sedge	Plant
<i>Carex opaca</i>	sedge	Plant
<i>Coelorachis rugosa</i>	wrinkled joint-tail	Plant
<i>Dichanthelium dichotomum</i> ssp. <i>roanokense</i>	forked rosette grass	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Gentiana puberulenta</i>	downy gentian	Plant
<i>Gryllotalpa major</i>	prairie mole cricket	Animal
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	Plant
<i>Hypericum adpressum</i>	creeping St. John's-wort	Plant
<i>Koeleria macrantha</i>	prairie June grass	Plant
Lower Mississippi Alluvial Plain Grand Prairie		Natural Community
<i>Muhlenbergia glabriflora</i>	inland muhly	Plant
<i>Nemastylis geminiflora</i>	celestial-lily	Plant
<i>Oenothera pilosella</i> ssp. <i>sessilis</i>	prairie evening-primrose	Plant

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Prenanthes aspera</i>	rough rattlesnake-root	Plant
<i>Prunus pumila var. susquehanae</i>	sand cherry	Plant
<i>Sabatia campanulata</i>	slender rose-gentian	Plant
<i>Solidago speciosa var. rigidiuscula</i>	showy goldenrod	Plant
<i>Solidago tortifolia</i>	twist-leaf goldenrod	Plant
<i>Tetraopes quinquemaculatus</i>	a red milkweed beetle	Animal

Acquisition Summary:

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

Rock Creek Natural Area

County Name: Sharp

Size (in acres): 414.68

Latitude: 36.22662

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 1/29/2008.

Stewardship Activities:

ANHC staff conducted routine trail maintenance, removed trash, and monitored control measures for off-road vehicles. Staff also continued to remove woody vegetation from the fen restoration area and underneath the overhead utility lines. Baseline plant community monitoring was completed.

Date of Last Visit: 6/3/2010

Status:

ANHC and Arkansas Game and Fish Commission continue to address negative impacts from public use. Field assessments noted disturbances to the fen. Inventory work added new species to the plant list and documented four new tracked plants.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex interior</i>	sedge	Plant
<i>Carex leptalea</i>	sedge	Plant
<i>Carex suberecta</i>	sedge	Plant
<i>Carex timida</i>	sedge	Plant
Central Interior Highlands Calcareous Glade and Barrens		Natural Community
<i>Erysimum capitatum</i> var. <i>capitatum</i>	western wallflower	Plant
<i>Geum virginianum</i>	cream avens	Plant
<i>Juncus subcaudatus</i>	woodland rush	Plant
<i>Ludwigia microcarpa</i>	primrose-willow	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>Pediomelum esculentum</i>	large Indian-breadroot	Plant
<i>Perideridia americana</i>	American squaw-root	Plant
<i>Plantago cordata</i>	heart-leaf plantain	Plant
<i>Pycnanthemum virginianum</i>	Virginia mountain-mint	Plant
<i>Rhynchospora capillacea</i>	beaksedge	Plant
<i>Scleria verticillata</i>	whorled nut-rush	Plant

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Scutellaria bushii</i>	Bush's skullcap	Plant
<i>Solidago riddellii</i>	Riddell's goldenrod	Plant
<i>Spiranthes lucida</i>	shining ladies'-tresses	Plant
Spring-Ozark Mountains		Natural Community
<i>Symphotrichum sericeum</i>	silvery aster	Plant
Upland Stream-Ozark Mountains		Natural Community
<i>Vitis rupestris</i>	sand grape	Plant

Acquisition Summary:

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

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 5/13/2009.

Stewardship Activities:

ANHC staff cleared invasive woody vegetation from around the entrance signs, installed a new entrance sign, and maintained the parking area. Staff also conducted a prescribed burn on 37 acres.

Date of Last Visit: 6/30/2010

Status:

Woody invasive species were reduced. Inventory work added new species to the plant list and documented one new tracked plant and one tracked animal. Field assessments noted no problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Saratoga Blackland Prairie Natural Area

County Name: Howard

Size (in acres): 66.3886

Latitude: 33.7579

Longitude: -93.91134

Description:

Saratoga Blackland Prairie Natural Area, located in the Coastal Plain, contains high quality blackland prairies and associated woodlands, with few non-native invasive species. 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 to the area.

Access:

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

Management Plan:

The conservation vision is to use natural ecosystem processes to maintain the mosaic of prairie and woodland communities, and the species representative of the blackland prairie region of southwestern Arkansas. The management plan was updated and approved by the commission on 1/29/2008.

Stewardship Activities:

ANHC staff treated invasive white sweet clover and serecia lespedeza with an appropriate herbicide and conducted grounds maintenance activities.

Date of Last Visit: 6/12/2010

Status:

Inventory work added new species to the plant list. Field assessments noted ATV encroachment.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Astragalus crassicaarpus</i> var. <i>crassicaarpus</i>	ground-plum	Plant
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	Plant
<i>Microstylum morosum</i>	giant prairie robber fly	Animal
<i>Penstemon cobaea</i>	purple beardtongue	Plant
<i>Physaria gracilis</i> ssp. <i>gracilis</i>	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 2/2/2010.

Stewardship Activities:

ANHC staff performed grounds maintenance activities including removing trash and repairing broken fence rails. ANHC staff also conducted rare plant monitoring. The management plan was updated to reflect current status.

Date of Last Visit: 6/7/2010

Status:

The altered hydrology of the surrounding area continues to affect a portion of the prairie. Rare plant monitoring documented the status of five rare plant species following a prescribed burn. Inventory work added new species to the plant list.

Elements of Special Concern:

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

Acquisition Summary:

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

Seven Devils Swamp Natural Area

County Name: Drew

Size (in acres): 1,076.26

Latitude: 33.57546

Longitude: -91.5789

Description:

Seven Devils Swamp Natural Area is located along Cut-off Creek at the point where the creek flows from the pine-covered hills of the Coastal Plain to the flat lowlands of the Mississippi Alluvial Plain. The area is comprised of a relatively narrow bottomland occupied by bald cypress and water tupelo on the wetter sites and bottomland hardwood tree species on drier, but still flood-prone, sites. Further downstream, the area is almost permanently flooded, supporting a diverse swamp community. High-quality forested canebrakes are interspersed throughout the 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 the Cut-off Creek bridge in Collins, continue east approximately 0.1 mile, and turn left on Selma-Collins Road (County Road 69). Travel north 3.65 miles. Turn left on Barnard Road. Travel 1.5 miles to boat ramp.

Management Plan:

The conservation vision is to work 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 Coastal Plain and Mississippi Alluvial Plain. The management plan was updated and approved by the commission on 5/13/2009.

Stewardship Activities:

ANHC conducted site inspections to verify that Arkansas Game and Fish Commission staff performed routine stewardship activities.

Date of Last Visit: 6/23/2010

Status:

Feral hog control efforts were increased. Field assessments reported no other problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Singer Forest Natural Area

County Name: Poinsett **Size (in acres):** 519.44 **Latitude:** 35.46299 **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 1/29/2008.

Stewardship Activities:

ANHC staff monitored Arkansas Game and Fish Commission routine grounds maintenance work and installation of a parking area and boat launch ramps.

Date of Last Visit: 6/22/2010

Status:

Public access was improved with the addition of two boat ramps and additional parking. Reports from Arkansas Game and Fish Commission site management staff noted no problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Slippery Hollow Natural Area

County Name: Marion

Size (in acres): 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 5/13/2009.

Stewardship Activities:

ANHC staff conducted routine grounds maintenance activities and treated invasive plant species. A survey was completed for Ozark Big-eared bats.

Date of Last Visit: 3/1/2010

Status:

Inventory work noted that the Ozark big-eared bat population is stable and additional field observations found no evidence of white-nosed syndrome in the bat populations.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex hitchcockiana</i>	Hitchcock's sedge	Plant
<i>Carex sparganioides</i>	bur-reed sedge	Plant
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	Animal
<i>Myotis grisescens</i>	gray myotis	Animal
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	Animal

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Slippery 1 (The Nature Conservancy/ Hulbert)	Fee title	\$66,000.00	\$51,031.88	6/19/1985	State General Improvement Fund, Land and Water Conservation Fund
Slippery 2 (Boone)	Fee title	\$19,000.00	\$18,000.00	12/15/1998	Natural and Cultural Resources Council
Slippery 3 (Bell)	Fee title	\$67,000.00	\$67,000.00	6/4/2002	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, Land Water Conservation Fund
Slippery 5 (Tanner)	Fee title	\$85,000.00	\$85,000.00	10/1/2007	U.S. Fish and Wildlife Service Grant
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 maintain a representative area of the Grand Prairie region containing upland hardwood forest, bottomland hardwood forest, and tupelo swamp. The management was updated and approved by the commission on 5/4/2010.

Stewardship Activities:

ANHC staff installed a new entrance sign and performed other routine stewardship activities such as boundary maintenance and invasive plant species removal. The management plan was updated to reflect current status.

Date of Last Visit: 6/11/2010

Status:

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

Elements of Special Concern:

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

St. Francis Sunken Lands Natural Area

County Name: Poinsett

Size (in acres): 80

Latitude:

Longitude:

Description:

St. Francis Sunken Lands Natural Area is located in the Mississippi Alluvial Plain on the east side of the St. Francis River within an area of bottomland forest known as the St. Francis Sunken Lands. It includes a portion of the largest known population of the federally endangered shrub pondberry in Arkansas. The natural area occurs on Valley Train deposits (glacial outwash sediments from the Late Wisconsin glaciation). The area is characterized by varied microtopography consisting of a series of shallow, north-south trending channels which are separated by low, sandy ridges of relative uplands (1-3 feet high). The area is seasonally inundated by flood waters in winter and spring but the varied microtopography provides a hydrologic gradient along which a rich diversity of plant species is sorted. The natural area lies adjacent to St. Francis Sunken Lands Wildlife Management Area.

Access:

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

Management Plan:

The conservation vision is to protect the representative bottomland hardwood forest communities of the St. Francis River Basin, including a portion of the state's largest known population of the federally endangered shrub pondberry. The commission approved the management plan on 2/2/2010.

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: 6/23/2010

Status:

Two tracked plants have been documented at the site. Further plant inventory work documented a large population of the federally endangered shrub pondberry.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex muskingumensis</i>	palm sedge	Plant
<i>Lindera melissifolia</i>	pondberry	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
St. Francis 1 (Portis)	Conservation easement (private landowner holds fee title)	\$61,700.00	\$61,700.00	10/9/2009	U.S. Fish and Wildlife Service Grant

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.

Management Plan:

The conservation vision is to restore and protect the biological diversity representative of sandpond communities and a population of the federally endangered pondberry, by maintaining natural ecosystem processes. The management plan was updated and approved by the commission on 2/2/2010.

Stewardship Activities:

ANHC staff installed a footbridge over the ditch to facilitate easier access to the natural area. Staff also performed routine stewardship activities such as boundary maintenance and trash removal. ANHC staff conducted a plant inventory. The Management Plan was updated to reflect current status.

Date of Last Visit: 6/25/2010

Status:

Drainage on the area is impeded by a levee on adjacent land. Public access was improved by the addition of a footbridge. Inventory work added new species to the plant list and documented a plant species new to the state that will be tracked by ANHC.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Ambystoma talpoideum</i>	mole salamander	Animal
<i>Blephilia hirsuta</i>	hairy woodmint	Plant
<i>Leitneria floridana</i>	corkwood	Plant
<i>Lindera melissifolia</i>	pondberry	Plant
<i>Platanthera flava</i>	southern tuberclod 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 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 Coastal Plain in Arkansas. The management plan was updated and approved on 5/4/2010.

Stewardship Activities:

ANHC staff performed routine stewardship activities including boundary maintenance. Staff also conducted invasive species treatments and held a Quality Circle day to plan an upcoming ecological thinning project. The Nature Conservancy treated invasive species and developed a plant community monitoring report. The Management Plan was updated to reflect current status.

Date of Last Visit: 6/22/2010

Status:

Invasive plant species were reduced. Inventory work documented a new tracked plant species and added new species to the plant list. Field assessments noted no problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Allium drummondii</i>	Drummond's wild onion	Plant
<i>Plantago rhodosperma</i>	red-seed plantain	Plant
<i>Speyeria diana</i>	Diana	Animal
<i>Tetraopes quinquemaculatus</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 towards the White River. Turn right (south) onto South CC Camp Road which leads to the White River Refuge Visitor Center. Park at the visitor center. The natural area is located behind (east of) the visitor center.

Management Plan:

The conservation vision is to work in conjunction with the 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 2/5/2009.

Stewardship Activities:

ANHC staff verified that staff from the White River National Wildlife Refuge continued to perform routine stewardship activities.

Date of Last Visit: 5/19/2010

Status:

U.S. Fish and Wildlife Service and ANHC staff field assessments noted no problems.

Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Limnolytis 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 (U.S. Fish and Wildlife Service holds fee title)	\$0.00	\$0.00	12/18/1979	Gift

Sweden Creek Falls Natural Area

County Name: Madison

Size (in acres): 136.2

Latitude: 35.96919

Longitude: -93.45301

Description:

Sweden Creek Falls Natural Area, located in the Boston Mountains of the Ozarks, 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. The management plan was updated and approved by the commission on 5/21/2008.

Stewardship Activities:

ANHC staff re-installed trail markers, cut back vegetation and removed debris along the trail. Staff also periodically monitored for signs of artifact poaching.

Date of Last Visit: 5/11/2010

Status:

Public access was increased by improvements to the trail. Field assessments noted no 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-head pipewort	Plant
<i>Lithobates sylvaticus</i>	wood frog	Animal
Ozark-Ouachita Dry-Mesic Oak Forest		Natural Community

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Sweden Creek 1	Fee title	\$10,500.00	\$10,000.00	6/29/1977	State General Improvement
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 Jackson County Road 73. Turn right (east) on County Road 73 and travel 0.3 mile. The natural area is located south of the road.

Management Plan:

The conservation vision is to protect a complex of Mississippi Alluvial Plain sand pond wetlands and populations of associated species including the federally endangered pondberry. The management plan was approved by the commission on 8/26/2009.

Stewardship Activities:

ANHC staff conducted routine grounds maintenance activities including removing trash.

Date of Last Visit: 6/22/2010

Status:

Field assessments noted unauthorized vehicular traffic and no other problems.

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>
Swifton 1 (Harvey)	Conservation easement (private landowner holds fee title).	\$34,257.00	\$34,257.00	10/3/2008	U.S. Fish and Wildlife Service Grant

Taylor Woodlands Natural Area

County Name: Jefferson **Size (in acres):** 137 **Latitude:** 34.19167 **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 5/21/2008.

Stewardship Activities:

In addition to routine stewardship activities, such as boundary and trail maintenance, ANHC staff treated invasive privet with an appropriate herbicide.

Date of Last Visit: 5/14/2010

Status:

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>
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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):** 493.04 **Latitude:** 34.08687 **Longitude:** -93.17376

Description:

Terre Noire Natural Area, located in the 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 that support the mosaic of blackland prairie plant and woodland communities characteristic of the Coastal Plain of Arkansas. The management plan was updated and approved on 5/4/2010.

Stewardship Activities:

ANHC staff conducted grounds maintenance activities and invasive species treatments. Staff also conducted a plant inventory. The Nature Conservancy conducted a prescribed burn on 210 acres and conducted baseline plant community monitoring in the cedar removal areas. ANHC staff led a tour of the area for Domtar foresters. ANHC staff contracted for removal of invasive eastern red cedars and met with a researcher conducting small mammal surveys as part of a State Wildlife Grant. The Ecological Conservation Organization was contracted to install ½ mile of fencing and for 46 hours of invasive species control work. The management plan was updated to reflect current status.

Date of Last Visit: 6/25/2010

Status:

Ecological thinning has significantly reduced invasive cedars which has improved blackland prairie and woodland habitat structure and species composition. Inventory work added new species to the plant list.

Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Astragalus crassicaarpus</i> var. <i>crassicaarpus</i>	ground-plum	Plant
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	Plant
<i>Liatris compacta</i>	Ouachita blazing-star	Plant
<i>Liatris squarrosa</i> var. <i>squarrosa</i>	scaly blazing-star	Plant
<i>Lithospermum incisum</i>	fringed puccoon	Plant
<i>Microstylum morosum</i>	giant prairie robber fly	Animal
<i>Minuartia drummondii</i>	Drummond's sandwort	Plant
<i>Scleria verticillata</i>	whorled nut-rush	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:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Terre Noire 1	ANHC has a 66% undivided interest and The Nature Conservancy has a 34% undivided interest in fee	\$76,000.00	\$50,000.00	10/2/1991	Natural and Cultural Resources Council

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Terre Noire 2	Fee title	\$103,000.00	\$103,000.00	6/23/2003	Natural and Cultural Resources Council, Land Water Conservation Fund
Terre Noire 3	Fee title	\$20,000.00	\$20,000.00	6/23/2003	Natural and Cultural Resources Council, Land Water Conservation Fund
Terre Noire 4	Fee title	\$243,000.00	\$243,000.00	10/10/2007	Natural and Cultural Resources Council, Land Water Conservation Fund
Terre Noire 5	Fee title	\$105,000.00	\$102,000.00	4/17/2009	Natural and Cultural Resources Council, 1/8 Cent Conservation Tax

Warren Prairie Natural Area

County Name: Bradley, Drew **Size (in acres):** 4,235.56 **Latitude:** 33.57861 **Longitude:** -91.98601

Description:

Warren Prairie Natural Area, located in the 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 owns property adjacent to the natural area.

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*. The management plan was updated and approved by the commission on 5/13/2009.

Stewardship Activities:

ANHC staff treated invasive plant species, removed trash, and also conducted soil disturbance studies. An ecological thinning project was continued to improve habitat for Red-cockaded Woodpeckers. Staff also cleaned and maintained Red-cockaded Woodpecker nest cavities. The Nature Conservancy conducted a prescribed burn on 765 acres and developed a plant community monitoring report. ANHC staff conducted a herpetological inventory and bird surveys as part of a state wildlife grant.

Date of Last Visit: 6/30/2010

Status:

Ecological restoration work improved habitat structure and increased locations of a tracked bird species. A new acquisition protects additional pine flatwoods. Inventory work added new species to the plant list and documented two new tracked plants.

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>Anthenantia texana</i>	Kral's silkyscale	Plant
<i>Cladium jamaicense</i>	saw-grass	Plant
<i>Crassula aquatica</i>	water pygmyweed	Plant
<i>Crocanthemum rosmarinifolium</i>	rosemary rock-rose	Plant
<i>Dichanthelium dichotomum ssp. roanokense</i>	forked rosette grass	Plant
<i>Dryopteris ludoviciana</i>	southern wood fern	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Evolvulus sericeus</i>	silver dwarf morning-glory	Plant
<i>Geocarpon minimum</i>	geocarpon	Plant
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	Plant
<i>Krigia occidentalis</i>	western dwarf-dandelion	Plant
<i>Leersia hexandra</i>	southern cut grass	Plant
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	Animal
<i>Prenanthes barbata</i>	barbed rattlesnake-root	Plant
<i>Regina rigida sinicola</i>	gulf crayfish snake	Animal
<i>Rhynchospora colorata</i>	white-top sedge	Plant
<i>Schoenolirion wrightii</i>	Texas sunnybell	Plant
South Central Saline Glade		Natural Community
<i>Spiranthes lacera var. lacera</i>	northern slender ladies'-tresses	Plant
<i>Sporobolus junceus</i>	pineywoods dropseed	Plant
<i>Symphotrichum pratense</i>	silky aster	Plant

Acquisition Summary:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
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, Land Water Conservation Fund
Warren Prairie 10 (Searcy)	Fee title	\$74,600.00	\$74,600.00	5/15/2006	U.S. Fish and Wildlife Service Grant
Warren Prairie 11 (Deltic)	Fee title	\$146,000.00	\$146,000.00	7/3/2007	U.S. Fish and Wildlife Service Grant, Natural and Cultural Resources Council, Land Water Conservation Fund
Warren Prairie 12 (Plum Creek)	Fee title	\$3,002,475.00	\$3,000,601.41	4/30/2010	1/8 Cent Conservation Tax, Natural and Cultural Resources Council, U.S. Forest Service Grant

White Cliffs Natural Area

County Name: Little River

Size (in acres): 573

Latitude: 33.76655

Longitude: -94.05895

Description:

White Cliffs, located in the 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 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 5/21/2008.

Stewardship Activities:

ANHC staff conducted routine stewardship activities, performed trail maintenance and maintained boundaries. Plant inventory work was also completed. A contractor monitored public access, opened and closed the gate daily, and removed trash. The Ecological Conservation Organization was contracted to conduct trail installation/maintenance work and to install fencing to block unauthorized vehicle access to the natural area.

Date of Last Visit: 5/25/2010

Status:

The trail system was improved. For the second consecutive year, the area flooded deeper and for a longer duration than normal. Inventory work documented four new tracked plant species. A cell phone audio tour sign was installed and the program activated.

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>	ground-plum	Plant
<i>Astragalus nuttallianus</i> var. <i>nuttallianus</i>	Nuttall's milk-vetch	Plant
<i>Cooperia drummondii</i>	rain-lily	Plant
<i>Delphinium carolinianum</i> ssp. <i>virescens</i>	plains larkspur	Plant
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	Plant
<i>Glandularia bipinnatifida</i> var. <i>bipinnatifida</i>	Dakota vervain	Plant
<i>Haliaeetus leucocephalus</i>	Bald Eagle	Animal
<i>Hexalectris spicata</i> var. <i>spicata</i>	crested-coralroot	Plant
<i>Indigofera miniata</i>	scarlet-pea	Plant
<i>Juniperus ashei</i> Dry Chalk Outcrop Woodland		Natural Community
<i>Liatris squarrosa</i> var. <i>squarrosa</i>	scaly blazing-star	Plant
<i>Nemastylis geminiflora</i>	celestial-lily	Plant
<i>Oenothera spachiana</i>	Spach's evening-primrose	Plant
<i>Penstemon cobaea</i>	purple beardtongue	Plant
<i>Physalis cinerascens</i> var. <i>cinerascens</i>	small-flower ground-cherry	Plant
<i>Physaria gracilis</i> ssp. <i>gracilis</i>	bladderpod	Plant
<i>Quercus sinuata</i>	Durand's white oak	Plant
<i>Stachys crenata</i>	shade betony	Plant
<i>Stenosiphon linifolius</i>	false gaura	Plant
<i>Tetraopes quinque maculatus</i>	a red milkweed beetle	Animal

Acquisition Summary:

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

Wittsburg Natural Area

County Name: Cross

Size (in acres): 167.65

Latitude:

Longitude:

Description:

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 the natural communities that support examples of the distinct flora and geology of Crowley's Ridge, including natural distributions in Arkansas of tulip tree and pennywort. The management plan was updated and approved by the Commission on 5/21/08.

Stewardship Activities:

ANHC staff conducted periodic grounds maintenance activities.

Date of Last Visit: 6/9/2010

Status:

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

Elements of Special

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Obolaria virginica</i>	Virginia pennywort	Plant
Southern Crowley's Ridge Mesic Loess Slope Forest		Natural Community

Acquisition Summary:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
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.

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Registry of Natural Areas

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

Until October 13, 2000, the registry consisted of more than 50 areas not owned by the ANHC and tracts of land within the System of Natural Areas that had not been officially dedicated 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 ANHC.



Letterman's ironweed
Vernonia lettermannii

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

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

Arkansas Counties



Alphabetical List of Arkansas Counties

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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.

STATE STATUS CODES

- INV = Inventory Element; The Arkansas Natural Heritage Commission is currently conducting active inventory work on these elements. Available data suggests these elements are of conservation concern. These elements may include outstanding examples of Natural Communities, colonial bird nesting sites, outstanding geologic features as well as plants and animals, which, according to current information, may be rare, peripheral, or of an undetermined status in the state. The ANHC is gathering detailed location information on these elements.
- SE = State Endangered; this is an administrative designation applied by the Arkansas Natural Heritage Commission to native plant taxa which are in danger of being extirpated from the state.
- ST = State Threatened; this is an administrative designation applied by the Arkansas Natural Heritage Commission 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
Animals-Invertebrates					
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4G5	S2
<i>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>Lirceus louisianae</i>	an isopod	-	INV	GNR	S1
<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 cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
Animals-Vertebrates					
<i>Asio flammeus</i>	Short-eared Owl	-	INV	G5	S3N
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Cistothorus platensis</i>	Sedge Wren	-	INV	G5	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>Nerodia cyclopion</i>	Mississippi green water snake	-	INV	G5	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Notropis sabiniae</i>	sabine shiner	-	INV	G4	S2?
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Porphyrio 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

Arkansas County (cont.)

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	G2	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Ligumia recta</i>	black sandshell	-	INV	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 cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	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
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Coluber constrictor anthicus</i>	buttermilk racer	-	INV	G5T4	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lampropeltis triangulum amaura</i>	Louisiana 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
Plants-Vascular					
<i>Aletris aurea</i>	golden colicroot	-	INV	G5	S1S2
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Callirhoe papaver</i>	woodland poppy-mallow	-	INV	G5	S1
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G4?	S2
<i>Carex glaucescens</i>	sedge	-	INV	G4	S1
<i>Carex leptalea</i>	sedge	-	INV	G5	S2S3
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2

Ashley County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Coelorachis rugosa</i>	wrinkled joint-tail	-	INV	G5	S2
<i>Crassula aquatica</i>	water pygmyweed	-	INV	G5	S1S3
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Didiplis diandra</i>	water-purslane	-	INV	G5	S1S3
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eryngium integrifolium</i>	blue-flower eryngo	-	INV	G5	S2
<i>Heliopsis gracilis</i>	pinewoods ox-eye	-	INV	G5T5?	SNR
<i>Hypericum apocynifolium</i>	dogbane St. John's-wort	-	INV	GNR	S1S3
<i>Hypericum virgatum</i>	sharp-leaf St. John's-wort	-	INV	G4?	S1
<i>Ilex verticillata</i>	winterberry	-	ST	G5	S2
<i>Krigia occidentalis</i>	western dwarf-dandelion	-	INV	G5	S3
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2
<i>Micranthes virginianensis</i>	early saxifrage	-	INV	G5	S1S2
<i>Mitreola sessilifolia</i>	swamp hornpod	-	INV	G4G5	S2
<i>Oenothera pilosella</i> ssp. <i>sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Platanthera flava</i>	southern tubercled orchid	-	ST	G4?	S2S3
<i>Polygala nana</i>	candyroot	-	INV	G5	S2S3
<i>Quercus hemisphaerica</i>	Darlington's oak	-	INV	G5	S1S2
<i>Schoenolirion wrightii</i>	Texas sunnysbell	-	ST	G3	S2S3
<i>Seymeria cassioides</i>	seymeria	-	INV	G5	S1
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Sporobolus pyramidatus</i>	whorled dropseed	-	ST	G5	S2
<i>Stylisma aquatica</i>	water dawnflower	-	INV	G4	S1S2

Special Elements-Natural Communities

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Arrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S2
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Epioblasma triquetra</i>	snuffbox	-	INV	G3	S1
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Heterosternuta sulphuria</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	G2	S2
<i>Orconectes neglectus chaenodactylus</i>	ringed crayfish	-	INV	G5T3	S2
<i>Somatogyrus crassilabris</i>	thickclipped pebblesnail	-	INV	GX	SX
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Cryptobranchus alleganiensis bishopi</i>	Ozark hellbender	PE	INV	G3G4T2Q	S2
<i>Cyprinella camura</i>	bluntnose 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>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Scaphiopus huerterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Typhlichthys subterraneus</i>	southern cavefish	-	INV	G3G4	S1
Plants-Vascular					
<i>Acalypha deamii</i>	Deam's copperleaf	-	INV	G4?	S1
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Carex arkansana</i>	Arkansas sedge	-	INV	G4	S1
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex davisii</i>	Davis' sedge	-	INV	G4	S3
<i>Carex gracillima</i>	graceful sedge	-	INV	G5	S1
<i>Carex gravida</i>	sedge	-	INV	G5	S2S3
<i>Carex hirtifolia</i>	sedge	-	INV	G5	S3
<i>Carex hitchcockiana</i>	Hitchcock's sedge	-	INV	G5	S1S2
<i>Carex leptalea</i>	sedge	-	INV	G5	S2S3
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Carex suberecta</i>	sedge	-	INV	G4	S2
<i>Carex timida</i>	sedge	-	INV	G2G3	S2S3
<i>Castanea pumila var. 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

Baxter County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Dryopteris celsa</i>	log fern	-	INV	G4	S2
<i>Dryopteris goldiana</i>	Goldie's wood fern	-	INV	G4	S1
<i>Dryopteris x australis</i>	Dixie wood fern	-	INV	GNA	S1
<i>Dryopteris x leedsii</i>	Leed's wood fern	-	INV	GNA	S1
<i>Echinacea paradoxa var. paradoxa</i>	yellow coneflower	-	ST	G2T2	S2
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Euonymus obovatus</i>	running strawberry-bush	-	INV	G5	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 fir-moss	-	INV	G5	S2S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Liatris punctata var. mucronata</i>	dotted gayfeather	-	INV	GNR	SNR
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Mentha arvensis</i>	wild mint	-	INV	G5	S1
<i>Mentzelia oligosperma</i>	stick-leaf	-	INV	G4	SH
<i>Mimulus ringens var. ringens</i>	monkey-flower	-	INV	G5T5	S1S2
<i>Mitella diphylla</i>	miterwort	-	INV	G5	S2
<i>Pedimelum esculentum</i>	large Indian-breadroot	-	INV	G5	S2
<i>Penstemon cobaea</i>	purple beardtongue	-	INV	G4	S3
<i>Phacelia gilioides</i>	scorpion-weed	-	INV	G5	S2S3
<i>Plantago cordata</i>	heart-leaf plantain	-	ST	G4	S2
<i>Prenanthes crepidinea</i>	nodding rattlesnake-root	-	INV	G4	S2
<i>Ranunculus aquatilis var. diffusus</i>	white water crowfoot	-	INV	GNR	S2S3
<i>Rhynchospora capillacea</i>	beaksedge	-	INV	G4	S2
<i>Schoenoplectus acutus var. acutus</i>	hard-stem bulrush	-	INV	G5T5	S1
<i>Scutellaria bushii</i>	Bush's skullcap	-	ST	G3	S2
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Solidago gattingeri</i>	Gattinger's goldenrod	-	INV	G3?Q	S1
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	-	INV	G5	S1S2
<i>Spiranthes lucida</i>	shining ladies'-tresses	-	INV	G5	S2
<i>Stenosiphon linifolius</i>	false gaura	-	ST	G5	S1
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Thalictrum dioicum</i>	early meadow-rue	-	INV	G5	S1
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Veratrum woodii</i>	false hellebore	-	INV	G5	S3
<i>Viola canadensis var. canadensis</i>	Canadian white violet	-	INV	G5T5	S2
<i>Zannichellia palustris</i>	horned-pondweed	-	INV	G5	S2S3
Special Elements-Natural Communities					
Central Interior Highlands Calcareous Glade and Barrens		-	INV	GNR	SNR
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
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Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Arrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S2
<i>Caecidotea steevesi</i>	an isopod	-	INV	G3G4	S1
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Cambarus aculabrum</i>	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>Heterosternuta sulphurica</i>	Sulphur Springs 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>Ligidium elrodii</i>	an isopod	-	INV	G4G5	S2
<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>Orconectes williamsi</i>	William's crayfish	-	INV	G3G4	S1
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Speyeria idalia</i>	regal fritillary	-	INV	G3	S1
<i>Stygobromus onondagaensis</i>	an amphipod	-	INV	G3	S1?
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S2
<i>Trigenotyia parca</i>	a cave obligate millipede	-	INV	G1G2	S1
<i>Venustaconcha ellipsiformis</i>	ellipse	-	INV	G4	S1
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Amblyopsis rosae</i>	Ozark cavefish	LT	INV	G3	S1
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	S3
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Cistothorus platensis</i>	Sedge Wren	-	INV	G5	S1B,S4N
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Etheostoma cragini</i>	Arkansas darter	C	INV	G3G4	S1
<i>Etheostoma microperca</i>	least darter	-	INV	G5	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Eurycea tynerensis</i>	Oklahoma salamander	-	INV	G3	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lepus californicus</i>	black-tailed jackrabbit	-	INV	G5	S1S2
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<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?

Benton County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Plestiodon obsoletus</i>	Great Plains skink	-	INV	G5	S1
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Reithrodontomys montanus</i>	plains harvest mouse	-	INV	G5	S1
<i>Sonora semiannulata</i>	ground snake	-	INV	G5	SNR
<i>Sorex longirostris</i>	southeastern shrew	-	INV	G5	S2
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
Plants-Vascular					
<i>Acer saccharum var. nigrum</i>	black maple	-	INV	G5	S1S2
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Androsace occidentalis</i>	rock-jasmine	-	INV	G5	S1
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Artemisia ludoviciana ssp. mexicana</i>	white sagebrush	-	INV	G5T5?	SNR
<i>Asclepias incarnata ssp. incarnata</i>	swamp milkweed	-	INV	G5T5	S2
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Asplenium x kentuckiense</i>	Kentucky spleenwort	-	INV	GNA	SH
<i>Bromus nottowayanus</i>	satin brome	-	INV	G3G5	S2
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G4?	S2
<i>Camassia angusta</i>	prairie wild hyacinth	-	INV	G5?Q	S2S3
<i>Carex aggregata</i>	sedge	-	INV	G5	S1
<i>Carex bicknellii</i>	Bicknell's sedge	-	INV	G5	S1
<i>Carex buxbaumii</i>	brown bog sedge	-	INV	G5	S1
<i>Carex conjuncta</i>	sedge	-	INV	G4G5	S1
<i>Carex conoidea</i>	sedge	-	INV	G5	S1
<i>Carex davisii</i>	Davis' sedge	-	INV	G4	S3
<i>Carex gravida</i>	sedge	-	INV	G5	S2S3
<i>Carex normalis</i>	sedge	-	INV	G5	S1
<i>Carex opaca</i>	sedge	-	SE	G5T4	S2S3
<i>Carex pellita</i>	sedge	-	INV	G5	S1S2
<i>Carex prasina</i>	drooping sedge	-	INV	G4	SH
<i>Carex scoparia var. scoparia</i>	sedge	-	INV	G5T5	S1S2
<i>Carex sparganioides</i>	bur-reed 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>Collinsia verna</i>	blue-eyed Mary	-	INV	G5	S1
<i>Crataegus coccinioides</i>	Kansas hawthorn	-	INV	G4?	SH
<i>Cuscuta glomerata</i>	rope dodder	-	INV	G5	S1
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Desmodium illinoense</i>	Illinois tick-trefoil	-	INV	G5	S2
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eriocaulon koermickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Erysimum capitatum var. capitatum</i>	western wallflower	-	INV	G5T5	S2
<i>Eurybia macrophylla</i>	big-leaf aster	-	INV	G5	SH
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2

Benton County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Helianthus occidentalis ssp. occidentalis</i>	naked-stem sunflower	-	INV	G5T5	S1S2
<i>Helianthus pauciflorus ssp. pauciflorus</i>	prairie sunflower	-	INV	G5T5?	S1
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Koeleria macrantha</i>	prairie June grass	-	INV	G5	S2
<i>Liatris punctata var. mucronata</i>	dotted gayfeather	-	INV	GNR	SNR
<i>Liatris punctata var. punctata</i>	dotted gayfeather	-	INV	G5T5	SH
<i>Liatris squarrosa var. glabrata</i>	scaly blazing-star	-	INV	G5T5	S1
<i>Limnodea arkansana</i>	Ozark grass	-	INV	G4?	SNR
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Mentzelia oligosperma</i>	stick-leaf	-	INV	G4	SH
<i>Muhlenbergia bushii</i>	nodding muhly	-	INV	G5	S2
<i>Muhlenbergia cuspidata</i>	plains muhly	-	INV	G4	SNR
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Phacelia purshii</i>	Miami mist	-	INV	G5	S1
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Photinia melanocarpa</i>	black chokeberry	-	INV	G5	S1
<i>Physalis missouriensis</i>	Missouri ground-cherry	-	INV	G5?	SNR
<i>Prenanthes aspera</i>	rough rattlesnake-root	-	INV	G4?	S2S3
<i>Prenanthes crepidinea</i>	nodding rattlesnake-root	-	INV	G4	S2
<i>Scleria muehlenbergii</i>	nut-rush	-	INV	G5	S1S2
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	-	INV	G5	S1S2
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Symphotrichum sericeum</i>	silvery aster	-	INV	G5	S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3T3	S3
<i>Ulmus thomasii</i>	rock elm	-	INV	G5	S2
<i>Utricularia subulata</i>	zigzag bladderwort	-	INV	G5	S2
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Veratrum woodii</i>	false hellebore	-	INV	G5	S3
<i>Viola canadensis var. canadensis</i>	Canadian white violet	-	INV	G5T5	S2

Special Elements-Natural Communities

Cave Stream	-	INV	GNR	SNR
Ozark Prairie and Woodland	-	INV	GNR	SNR
Spring-Ozark Mountains	-	INV	GNR	SNR

Special Elements-Other

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

**Arkansas Natural Heritage Commission
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Boone County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Arrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Bombus fervidus</i>	golden northern bumblebee	-	INV	G4?	S1
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S2
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Cicindela duodecimguttata</i>	twelve-spotted tiger beetle	-	INV	G5	S3S4
<i>Crosbyella distincta</i>	a cave obligate harvestman	-	INV	G1G2	S1
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Gryllotalpa major</i>	prairie mole cricket	-	INV	G3	S1S2
<i>Heterosternuta sulphurica</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Laphria vorax</i>	a robberfly	-	INV	GNR	S1
<i>Lirceus bidentatus</i>	an isopod	-	INV	G1?	S1
<i>Orconectes williamsi</i>	William's crayfish	-	INV	G3G4	S1
Animals-Vertebrates					
<i>Empidonax traillii</i>	Willow Flycatcher	-	INV	G5	S1B,S3N
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<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
Plants-Vascular					
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G4?	S2
<i>Carex bicknellii</i>	Bicknell's sedge	-	INV	G5	S1
<i>Carex gravida</i>	sedge	-	INV	G5	S2S3
<i>Carex hirtifolia</i>	sedge	-	INV	G5	S3
<i>Carex laevivaginata</i>	sedge	-	INV	G5	S2
<i>Carex opaca</i>	sedge	-	SE	G5T4	S2S3
<i>Carex suberecta</i>	sedge	-	INV	G4	S2
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Cooperia drummondii</i>	rain-lily	-	INV	G5	S1S2
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Diaperia prolifera var. prolifera</i>	big-head rabbit-tobacco	-	INV	GNR	S1S3
<i>Drymocallis arguta</i>	tall cinquefoil	-	ST	G5	S1S2
<i>Echinacea paradoxa var. paradoxa</i>	yellow coneflower	-	ST	G2T2	S2
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Glyceria acutiflora</i>	creeping manna grass	-	INV	G5	S1
<i>Helianthus occidentalis ssp. occidentalis</i>	naked-stem sunflower	-	INV	G5T5	S1S2
<i>Helianthus pauciflorus ssp. pauciflorus</i>	prairie sunflower	-	INV	G5T5?	S1
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Liatris punctata var. mucronata</i>	dotted gayfeather	-	INV	GNR	SNR
<i>Liatris scariosa var. nieuwlandii</i>	northern blazing-star	-	INV	G5?T3T5	S2?

Boone County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Pediomelum esculentum</i>	large Indian-breadroot	-	INV	G5	S2
<i>Penstemon cobaea</i>	purple beardtongue	-	INV	G4	S3
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Physalis pumila</i>	dwarf ground-cherry	-	INV	G5	SNR
<i>Prenanthes aspera</i>	rough rattlesnake-root	-	INV	G4?	S2S3
<i>Prenanthes crepidinea</i>	nodding rattlesnake-root	-	INV	G4	S2
<i>Sida elliotii</i>	Elliott's sida	-	INV	G4G5	S2S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Solidago gattingeri</i>	Gattinger's goldenrod	-	INV	G3?Q	S1
<i>Sphenopholis filiformis</i>	long-leaf wedgescale	-	INV	G4?	SH
<i>Symphotrichum sericeum</i>	silvery aster	-	INV	G5	S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Trichophorum planifolium</i>	bashful bulrush	-	INV	G4G5	S1
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3T3	S3
<i>Viburnum molle</i>	soft-leaf arrow-wood	-	INV	G5	S1
<i>Viola pedatifida</i>	prairie violet	-	INV	G5	S2
<i>Vitis rupestris</i>	sand grape	-	INV	G3	SNR
<i>Zizia aptera</i>	heart-leaf golden Alexanders	-	INV	G5	S1S3
Special Elements-Natural Communities					
Central Interior Highlands Calcareous Glade and Barrens		-	INV	GNR	SNR
Ozark Prairie and Woodland		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	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>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	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	G3	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Lampropeltis triangulum amaura</i>	Louisiana milk snake	-	INV	G5T4	S3
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<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>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
Plants-Vascular					
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Anthenantia texana</i>	Kral's silkscale	-	INV	G3G4	S3
<i>Carex laevivaginata</i>	sedge	-	INV	G5	S2
<i>Cladium jamaicense</i>	saw-grass	-	INV	G5T5	SH
<i>Coelorachis rugosa</i>	wrinkled joint-tail	-	INV	G5	S2
<i>Crocantemum rosmarinifolium</i>	rosemary rock-rose	-	INV	G4	S1
<i>Dichanthelium dichotomum ssp. roanokense</i>	forked rosette grass	-	INV	GNR	S1

Bradley County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Dryopteris ludoviciana</i>	southern wood fern	-	INV	G4	S1
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Evolvulus sericeus</i>	silver dwarf morning-glory	-	ST	G5	S1
<i>Geocarpon minimum</i>	geocarpon	LT	SE	G2	S2
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Krigia occidentalis</i>	western dwarf-dandelion	-	INV	G5	S3
<i>Leersia hexandra</i>	southern cut grass	-	INV	G5	S1
<i>Mitreola sessilifolia</i>	swamp hornpod	-	INV	G4G5	S2
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Polygala nana</i>	candyroot	-	INV	G5	S2S3
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Pseudolycopodiella caroliniana</i>	slender bog club-moss	-	INV	G5T4	S1
<i>Quercus hemisphaerica</i>	Darlington's oak	-	INV	G5	S1S2
<i>Rhynchospora colorata</i>	white-top sedge	-	SE	G5	S1
<i>Rhynchospora globularis</i> var. <i>globularis</i>	beaksedge	-	INV	G5?T5?	SNR
<i>Rhynchospora gracilentia</i>	beaksedge	-	INV	G5	S2
<i>Rhynchospora rariflora</i>	few-flower beaksedge	-	ST	G5	S1S2
<i>Schoenolirion wrightii</i>	Texas sunnybell	-	ST	G3	S2S3
<i>Seymeria cassioides</i>	seymeria	-	INV	G5	S1
<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>Symphotrichum pratense</i>	silky aster	-	ST	G4?	S2
<i>Xyris ambigua</i>	yellow-eyed-grass	-	INV	G5	S2S3

Special Elements-Natural Communities

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	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 cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	INV	G1	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
Animals-Vertebrates					
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Lampropeltis triangulum amaura</i>	Louisiana milk snake	-	INV	G5T4	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	INV	G3	S2
<i>Plethodon kisatchie</i>	Louisiana slimy salamander	-	INV	G3G4	S2
<i>Pteronotropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
Plants-Vascular					
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Andropogon virginicus var. glaucus</i>	broomsedge	-	INV	G5T4T5	S1
<i>Anthenantia texana</i>	Kral's silkyscale	-	INV	G3G4	S3
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Carex glaucescens</i>	sedge	-	INV	G4	S1
<i>Coelorachis rugosa</i>	wrinkled joint-tail	-	INV	G5	S2
<i>Cyperus haspan</i>	flatsedge	-	INV	G5	S2
<i>Dichanthelium scabriusculum</i>	tall swamp rosette grass	-	INV	G4	S1S2
<i>Drosera capillaris</i>	pink sundew	-	INV	G5	S1
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eriocaulon decangulare</i>	large-head pipewort	-	INV	G5	S1S2
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Eryngium integrifolium</i>	blue-flower eryngo	-	INV	G5	S2
<i>Fuirena bushii</i>	Bush's umbrella sedge	-	INV	G5	S3
<i>Lycopodiella prostrata</i>	prostrate bog club-moss	-	INV	G5	S1
<i>Mitreola sessilifolia</i>	swamp hornpod	-	INV	G4G5	S2
<i>Paspalum praecox</i>	early paspalum	-	INV	G4	S1S2
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Pogonia ophioglossoides</i>	rose pogonia	-	ST	G5	S2
<i>Polygala nana</i>	candyroot	-	INV	G5	S2S3
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Pseudolycopodiella caroliniana</i>	slender bog club-moss	-	INV	G5T4	S1
<i>Rhynchospora gracilentia</i>	beaksedge	-	INV	G5	S2

Calhoun County (cont.)

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Allocapnia jeanae</i>	a winter stonefly	-	INV	G2	S1?
<i>Arrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Caecidotea macropropoda</i>	bat cave isopod	-	INV	G2G3	S2
<i>Caecidotea steevesi</i>	an isopod	-	INV	G3G4	S1
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>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>Heterosternuta phoebeae</i>	a predaceous diving beetle	-	INV	G2	S2
<i>Heterosternuta sulphuria</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Ophiogomphus westfalli</i>	Ozark snaketail dragonfly	-	INV	G3	S1S2
<i>Orconectes williamsi</i>	William's crayfish	-	INV	G3G4	S1
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S2
<i>Trigenotyia parca</i>	a cave obligate millipede	-	INV	G1G2	S1
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
Animals-Vertebrates					
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Nocomis asper</i>	redspot chub	-	INV	G4	S2?
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Plestiodon obsoletus</i>	Great Plains skink	-	INV	G5	S1
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Sonora semiannulata</i>	ground snake	-	INV	G5	SNR
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
Plants-Vascular					
<i>Agalinis auriculata</i>	ear-leaf false foxglove	-	INV	G3	S1
<i>Allium canadense var. lavendulare</i>	purple onion	-	INV	G5TNR	SNR
<i>Allium cernuum</i>	nodding wild onion	-	INV	G5	SH
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Arabis hirsuta var. adpressipilis</i>	hairy rockcress	-	INV	G5T4Q	S1?
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Artemisia ludoviciana ssp. mexicana</i>	white sagebrush	-	INV	G5T5?	SNR
<i>Asclepias stenophylla</i>	narrow-leaf milkweed	-	INV	G4G5	SH
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3

Carroll (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex hirtifolia</i>	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>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Dirca decipiens</i>	Ozark leatherwood	-	INV	GNR	S1?
<i>Echinacea paradoxa</i> var. <i>paradoxa</i>	yellow coneflower	-	ST	G2T2	S2
<i>Euonymus obovatus</i>	running strawberry-bush	-	INV	G5	S3
<i>Euphorbia missurica</i>	Missouri spurge	-	INV	G5	S2
<i>Geum virginianum</i>	cream avens	-	INV	G5	S1
<i>Helianthus occidentalis</i> ssp. <i>occidentalis</i>	naked-stem sunflower	-	INV	G5T5	S1S2
<i>Liatris punctata</i> var. <i>mucronata</i>	dotted gayfeather	-	INV	GNR	SNR
<i>Liatris scariosa</i> var. <i>nieuwlandii</i>	northern blazing-star	-	INV	G5?T3T5	S2?
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Marshallia caespitosa</i> var. <i>caespitosa</i>	Barbara's buttons	-	INV	G4T4	S2
<i>Mentzelia oligosperma</i>	stick-leaf	-	INV	G4	SH
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Minuartia michauxii</i>	rock sandwort	-	INV	G5	S1
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Pedimelum esculentum</i>	large Indian-breadroot	-	INV	G5	S2
<i>Penstemon cobaea</i>	purple beardtongue	-	INV	G4	S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Phyllanthus polygonoides</i>	knotweed leaf-flower	-	INV	G5	S1
<i>Physalis missouriensis</i>	Missouri ground-cherry	-	INV	G5?	SNR
<i>Physalis pumila</i>	dwarf ground-cherry	-	INV	G5	SNR
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Sparganium androcladum</i>	bur-reed	-	INV	G4G5	SNR
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3T3	S3
<i>Ulmus thomasii</i>	rock elm	-	INV	G5	S2
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Veratrum woodii</i>	false hellebore	-	INV	G5	S3
<i>Zizia aptera</i>	heart-leaf 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**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
Animals-Vertebrates					
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Gallinula 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>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green 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>Riparia riparia</i>	Bank Swallow	-	INV	G5	S2B,S3N
<i>Scaphiopus holbrookii</i>	eastern spadefoot	-	INV	G5	S2
<i>Scaphirhynchus albus</i>	pallid sturgeon	LE	INV	G2	S1
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
Plants-Vascular					
<i>Eryngium hookeri</i>	Hooker's eryngo	-	INV	G3G5	S1
<i>Vicia ludoviciana ssp. leavenworthii</i>	deer pea vetch	-	INV	G5T5	S1S2
Special Elements-Natural Communities					
Mississippi River Riparian Forest		-	INV	GNR	SNR
Special Elements-Other					
Geological feature		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>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>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>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	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	G3	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Alosa alabamae</i>	Alabama shad	-	INV	G3	S1S2
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Desmognathus conanti</i>	spotted dusky salamander	-	INV	G5T5	S1
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hemidactylium scutatum</i>	four-toed salamander	-	INV	G5	S3
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lampetra appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Lampropeltis triangulum amauro</i>	Louisiana milk snake	-	INV	G5T4	S3
<i>Mugil cephalus</i>	striped mullet	-	INV	G5	S1?

Clark County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<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>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	INV	G3	S2
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<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
Plants-Vascular					
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Astragalus crassicaarpus var. crassicaarpus</i>	ground-plum	-	INV	G5T5	S2
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3	S2
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Diaperia prolifera var. prolifera</i>	big-head rabbit-tobacco	-	INV	GNR	S1S3
<i>Glandularia bipinnatifida var. bipinnatifida</i>	Dakota vervain	-	INV	G5T5	S2
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G5T3	S3
<i>Liatris squarrosa var. squarrosa</i>	scaly blazing-star	-	INV	G5T5	S1
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Lycopodiella prostrata</i>	prostrate bog club-moss	-	INV	G5	S1
<i>Minuartia drummondii</i>	Drummond's sandwort	-	INV	G5	S2S3
<i>Physaria gracilis ssp. gracilis</i>	bladderpod	-	INV	G5T4	S1
<i>Pseudolycopodiella caroliniana</i>	slender bog club-moss	-	INV	G5T4	S1
<i>Pyrrhopappus pauciflorus</i>	false dandelion	-	INV	G5	SNR
<i>Quercus arkansana</i>	Arkansas oak	-	INV	G3	S3
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Scleria verticillata</i>	whorled nut-rush	-	ST	G5	S1
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Spiranthes magnicamporum</i>	great plains ladies'-tresses	-	INV	G4	S1S2
<i>Spiranthes ovalis var. erostellata</i>	northern oval ladies'-tresses	-	INV	G5?T4?	S1
<i>Stenosiphon linifolius</i>	false gaura	-	ST	G5	S1
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Xyris difformis var. difformis</i>	yellow-eyed-grass	-	INV	G5T5	S2
Special Elements-Natural Communities					
Juniper-Hardwood Woodland		-	INV	GNR	S4
Lowland Pine-Oak Forest		-	INV	GNR	S1
South Central Saline Glade		-	INV	GNR	SNR
West Gulf Coastal Plain Northern Calcareous Prairie		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

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Clay County

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	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>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Carphophis amoenus helenae</i>	midwest worm snake	-	INV	G5T5	S2
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis sodalis</i>	Indiana bat	LE	INV	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Notropis sabinae</i>	sabine shiner	-	INV	G4	S2?
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Pseudacris illinoensis</i>	Illinois chorus frog	-	INV	G5T3	S1
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5T5	S2
<i>Scaphiopus holbrookii</i>	eastern spadefoot	-	INV	G5	S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
<i>Umbra limi</i>	central mudminnow	-	INV	G5	SH
Plants-Vascular					
<i>Blephilia hirsuta</i>	hairy woodmint	-	INV	G5?	SNR
<i>Carex opaca</i>	sedge	-	SE	G5T4	S2S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2
<i>Magnolia macrophylla</i>	big-leaf magnolia	-	SE	G5	S1
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Platanthera flava</i>	southern tuberclad orchid	-	ST	G4?	S2S3
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Ptilimnium costatum</i>	big mock bishop's-weed	-	INV	G4	S1
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3

Clay County (cont.)

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

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Cleburne County

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lampsilis streckeri</i>	speckled pocketbook	LE	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	G3	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
Animals-Vertebrates					
<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>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
Plants-Vascular					
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Carex gracilescens</i>	sedge	-	INV	G5?	S2
<i>Carex normalis</i>	sedge	-	INV	G5	S1
<i>Carex radiata</i>	sedge	-	INV	G4	S1
<i>Castanea pumila var. 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>Deschampsia flexuosa</i>	wavy hair grass	-	INV	G5	S2S3
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Isoetes engelmannii</i>	Engelmann's quillwort	-	INV	G4	S1
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Primula frenchii</i>	French's shooting-star	-	ST	G3	S2
<i>Selaginella arenicola ssp. riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Sium suave</i>	water-parsnip	-	INV	G5	S1S3
<i>Smilax ecirrhata</i>	carrion-flower	-	INV	G5?	SH
<i>Solidago juncea</i>	early goldenrod	-	INV	G5	S1
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	-	INV	G5	S1S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Trichomanes boschianum</i>	Appalachian filmy fern	-	ST	G4	S2S3
<i>Utricularia subulata</i>	zigzag bladderwort	-	INV	G5	S2

Cleburne County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Special Elements-Natural Communities					
Central Interior Highlands & Appalachian Sinkhole & Depression Pond		-	INV	GNR	SNR
South-Central Interior Large Floodplain		-	INV	GNR	SNR
Special Elements-Other					
Geological feature		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
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Cleveland County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Fallicambarus gilpini</i>	a crayfish	-	INV	G2	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>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	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	G3	S2
Animals-Vertebrates					
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>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
Plants-Vascular					
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Anthenantia texana</i>	Kral's silkscale	-	INV	G3G4	S3
<i>Crocianthemum rosmarinifolium</i>	rosemary rock-rose	-	INV	G4	S1
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Geocarpon minimum</i>	geocarpon	LT	SE	G2	S2
<i>Iva angustifolia</i>	slender marsh-elder	-	INV	G5?	S1
<i>Krigia occidentalis</i>	western dwarf-dandelion	-	INV	G5	S3
<i>Minuartia drummondii</i>	Drummond's sandwort	-	INV	G5	S2S3
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Schoenolirion wrightii</i>	Texas sunnycell	-	ST	G3	S2S3
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Symphotrichum pratense</i>	silky aster	-	ST	G4?	S2
Special Elements-Natural Communities					
Lowland Oak-Hickory Forest		-	INV	GNR	S1
Lowland Oak-Sweetgum Forest		-	INV	GNR	S1
South Central Saline Glade		-	INV	GNR	SNR
West Gulf Coastal Plain Small Stream and River Forest		-	INV	GNR	SNR
Willow Oak Forest		-	INV	GNR	S2

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Bouchardina robisoni</i>	a crayfish	-	INV	G2	S1
<i>Caecidotea foxi</i>	an isopod	-	INV	GNR	S1
<i>Leuctra paleo</i>	Arkansas needelfly	-	INV	G2	S1
<i>Lucanus elephus</i>	giant stag beetle	-	INV	G3G5	S2
Animals-Vertebrates					
<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>Eurycea quadridigitata</i>	dwarf salamander	-	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>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
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
Plants-Vascular					
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Hexalectris spicata var. spicata</i>	crested-coralroot	-	INV	G5T4T5	S2
<i>Hypoxis curtissii</i>	Curtiss' star-grass	-	INV	G4?	S1
<i>Platanthera flava</i>	southern tuberclcd orchid	-	ST	G4?	S2S3
<i>Polygala nana</i>	candyroot	-	INV	G5	S2S3
<i>Viburnum dentatum var. scabrellum</i>	southern arrow-wood	-	INV	GNR	SNR
Special Elements-Natural Communities					
Cypress-Tupelo Swamp		-	INV	GNR	S2
Lowland Headwater Stream-Coastal Plain		-	INV	GNR	SNR
Lowland Oak-Sweetgum Forest		-	INV	GNR	S1
Lowland Pine-Oak Forest		-	INV	GNR	S1
West Gulf Coastal Plain Mesic Hardwood Forest		-	INV	GNR	SNR
West Gulf Coastal Plain Small Stream and River Forest		-	INV	GNR	SNR
Willow Oak Forest		-	INV	GNR	S2
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela cursitans</i>	ant-like tiger beetle	-	INV	G4	S2S3
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Crotalus atrox</i>	western diamondback rattlesnake	-	INV	G5	S2
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5T5	S2
<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
Plants-Vascular					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Eustoma exaltatum</i>	catchfly prairie-gentian	-	INV	G5	S2
<i>Heliotropium convolvulaceum</i>	phlox heliotrope	-	INV	G5	S2
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G5T3	S3
<i>Neviusia alabamensis</i>	Alabama snow-wreath	-	ST	G2	S1S2
<i>Platanthera flava</i>	southern tubercled orchid	-	ST	G4?	S2S3
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Schoenoplectus californicus</i>	California bulrush	-	INV	G5	S1S2
<i>Selaginella arenicola ssp. riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Tradescantia paludosa</i>	confederate spiderwort	-	INV	G4?Q	S1S2
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
Special Elements-Natural Communities					
Central Interior Highlands Dry Acidic Glade and Barrens		-	INV	GNR	SNR

Conway County (cont.)

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Caecidotea brevicauda</i>	an isopod	-	INV	GNR	S1
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Cicindela purpurea</i>	cow path tiger beetle	-	INV	G5	S3
<i>Lirceus louisianae</i>	an isopod	-	INV	GNR	S1
<i>Potamilus capax</i>	fat pocketbook	LE	INV	G1G2	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
Animals-Vertebrates					
<i>Accipiter cooperii</i>	Cooper's Hawk	-	INV	G5	S1B,S3N
<i>Carphophis amoenus helenae</i>	midwest worm snake	-	INV	G5T5	S2
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Deirochelys reticularia miaria</i>	western chicken turtle	-	INV	G5T5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Mustela frenata primulina</i>	long-tailed weasel	-	INV	G5T4	S3
<i>Nerodia cyclopion</i>	Mississippi green water snake	-	INV	G5	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Scaphiopus holbrookii</i>	eastern spadefoot	-	INV	G5	S2
<i>Taxidea taxus</i>	American badger	-	INV	G5	S1S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
Plants-Vascular					
<i>Carex gigantea</i>	giant sedge	-	INV	G4	S1S2
<i>Carex normalis</i>	sedge	-	INV	G5	S1
<i>Carex reznicekii</i>	Reznicek's sedge	-	INV	G5	S2?
<i>Cyperus retrofractus</i>	rough flatsedge	-	INV	G5	S1?
<i>Hexalectris spicata var. spicata</i>	crested-coralroot	-	INV	G5T4T5	S2
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Lilium superbum</i>	Turk's-cap lily	-	INV	G5	S1
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Ptilimnium costatum</i>	big mock bishop's-weed	-	INV	G4	S1
<i>Tradescantia subaspera</i>	zigzag spiderwort	-	INV	G5	S1S3

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Caecidotea macropropoda</i>	bat cave isopod	-	INV	G2G3	S2
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Leptodea leptodon</i>	scaleshell	LE	INV	G1G2	S1
<i>Orconectes nana</i>	a crayfish	-	INV	G3	S2
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Venustaconcha ellipsiformis</i>	ellipse	-	INV	G4	S1
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Alosa alabamae</i>	Alabama shad	-	INV	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>	bluntnose 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>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G3	S1
<i>Notiosorex crawfordi</i>	Crawford's gray shrew	-	INV	G5	S2
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon serratus</i>	southern redback salamander	-	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
Plants-Vascular					
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Castilleja indivisa</i>	Indian-paintbrush	-	INV	G5	SH
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Fuirena simplex var. aristulata</i>	umbrella sedge	-	INV	G5T4	S1
<i>Heliotropium convolvulaceum</i>	phlox heliotrope	-	INV	G5	S2
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2

Crawford County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Special Elements-Other					
	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
Animals-Invertebrates					
<i>Cicindela cursitans</i>	ant-like tiger beetle	-	INV	G4	S2S3
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Potamilus alatus</i>	pink heelsplitter	-	INV	G5	S1
<i>Potamilus capax</i>	fat pocketbook	LE	INV	G1G2	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Scaphirhynchus albus</i>	pallid sturgeon	LE	INV	G2	S1
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
Special Elements-Natural Communities					
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<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>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 metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	INV	G3	S2
<i>Pteronotrops hubbsi</i>	bluehead shiner	-	INV	G3	S3
Plants-Vascular					
<i>Parnassia asarifolia</i>	kidney-leaf grass-of-Parnassus	-	INV	G4	S1
<i>Quercus hemisphaerica</i>	Darlington's oak	-	INV	G5	S1S2
Special Elements-Natural Communities					
Lowland Stream-Coastal Plain		-	INV	GNR	SNR
West Gulf Coastal Plain Small Stream and River Forest		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Dryobius sexnotatus</i>	six-banded longhorn beetle	-	INV	GNR	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
Animals-Vertebrates					
<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>Nerodia cyclopion</i>	Mississippi green water snake	-	INV	G5	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>Scaphirhynchus albus</i>	pallid sturgeon	LE	INV	G2	S1
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
Plants-Vascular					
<i>Tradescantia paludosa</i>	confederate spiderwort	-	INV	G4?Q	S1S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
Special Elements-Natural Communities					
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
Mississippi River High Floodplain (Bottomland) Forest		-	INV	GNR	SNR
Mississippi River Low Floodplain (Bottomland) Forest		-	INV	GNR	SNR
Mississippi River Riparian Forest		-	INV	GNR	SNR
Willow Oak Forest		-	INV	GNR	S2

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	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 cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	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
Animals-Vertebrates					
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Deirochelys reticularia miaria</i>	western chicken turtle	-	INV	G5T5	S3
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lampropeltis triangulum amaura</i>	Louisiana milk snake	-	INV	G5T4	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green 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>Pteronotropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
Plants-Vascular					
<i>Anthenantia 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>Crocanthemum rosmarinifolium</i>	rosemary rock-rose	-	INV	G4	S1
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Evolvulus sericeus</i>	silver dwarf morning-glory	-	ST	G5	S1
<i>Geocarpon minimum</i>	geocarpon	LT	SE	G2	S2
<i>Hypericum apocynifolium</i>	dogbane St. John's-wort	-	INV	GNR	S1S2
<i>Krigia occidentalis</i>	western dwarf-dandelion	-	INV	G5	S3
<i>Micranthes virginensis</i>	early saxifrage	-	INV	G5	S1S2
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2

Drew 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>Schoenolirion wrightii</i>	Texas sunnyside	-	ST	G3	S2S3
<i>Setaria magna</i>	giant bristle grass	-	INV	G4G5	SH
<i>Spiranthes lacera</i> var. <i>lacera</i>	northern slender ladies'-tresses	-	INV	G5T5	S1
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Sporobolus junceus</i>	pineywoods dropseed	-	ST	G5	S1S2
<i>Stylisma aquatica</i>	water dawnflower	-	INV	G4	S1S2
<i>Symphotrichum laeve</i> var. <i>purpuratum</i>	smooth aster	-	INV	G5TNR	SNR
<i>Symphotrichum pratense</i>	silky aster	-	ST	G4?	S2
<i>Utricularia subulata</i>	zigzag bladderwort	-	INV	G5	S2
Special Elements-Natural Communities					
Lowland Oak-Sweetgum Forest		-	INV	GNR	S1
Lowland Pine-Oak Forest		-	INV	GNR	S1
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lirceus garmani</i>	an isopod	-	INV	GNR	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Deirochelys reticularia miaria</i>	western chicken turtle	-	INV	G5T5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pandion haliaetus</i>	Osprey	-	INV	G5	S1B,S4N
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5T5	S2
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	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
Plants-Vascular					
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Carex normalis</i>	sedge	-	INV	G5	S1
<i>Carex opaca</i>	sedge	-	SE	G5T4	S2S3
<i>Castanea pumila var. 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>Drymocallis arguta</i>	tall cinquefoil	-	ST	G5	S1S2
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Minuartia drummondii</i>	Drummond's sandwort	-	INV	G5	S2S3
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Neviusia alabamensis</i>	Alabama snow-wreath	-	ST	G2	S1S2
<i>Paronychia virginica</i>	yellow nailwort	-	INV	G4	S2
<i>Paspalum bifidum</i>	pitchfork paspalum	-	INV	G5	SH
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Prenanthes aspera</i>	rough rattlesnake-root	-	INV	G4?	S2S3
<i>Rudbeckia maxima</i>	great coneflower	-	INV	G4?	S3
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1

Faulkner County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Streptanthus maculatus ssp. obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Viburnum recognitum</i>	Northern Arrow-wood	-	INV	G4G5	SNR
<i>Vicia ludoviciana ssp. ludoviciana</i>	deer pea vetch	-	INV	G5TNR	SH
Special Elements-Natural Communities					
Central Interior Highlands Dry Acidic Glade and Barrens		-	INV	GNR	SNR
Upland Headwater Stream-Arkansas Valley		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Acalypta lillianus</i>	a lace bug	-	INV	G3	SNR
<i>Atrytone arogos</i>	arogos skipper	-	INV	G3	S1
<i>Bombus fervidus</i>	golden northern bumblebee	-	INV	G4?	S1
<i>Cambarus causeyi</i>	a crayfish	-	INV	G2	S1
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Cycnia inopinatus</i>	unexpected tiger moth	-	INV	G4	S1
<i>Gryllotalpa major</i>	prairie mole cricket	-	INV	G3	S1S2
<i>Laphria vorax</i>	a robberfly	-	INV	GNR	S1
<i>Nicrophorus americanus</i>	American burying beetle	LE	INV	G2G3	S1
<i>Orconectes williamsi</i>	William's crayfish	-	INV	G3G4	S1
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Tetraopes quinque maculatus</i>	a red milkweed beetle	-	INV	GNR	S1S2
<i>Tetraopes texanus</i>	a red milkweed beetle	-	INV	GNR	S1S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	-	INV	G5	S1
<i>Alosa alabamae</i>	Alabama shad	-	INV	G3	S1S2
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Asio flammeus</i>	Short-eared Owl	-	INV	G5	S3N
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	INV	G4T1	S1
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Dendroica cerulea</i>	Cerulean Warbler	-	INV	G4	S4B
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis 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>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5T5	S2
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Taxidea taxus</i>	American badger	-	INV	G5	S1S2
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
Plants-Vascular					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Aristida purpurea var. purpurea</i>	purple three-awn	-	INV	G5T5	SNR
<i>Artemisia ludoviciana ssp. mexicana</i>	white sagebrush	-	INV	G5T5?	SNR
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G4?	S2
<i>Carex cumberlandensis</i>	Cumberland sedge	-	INV	GNR	S1
<i>Carex fissa var. fissa</i>	hammock sedge	-	INV	G4?T3T4	S1
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Carex opaca</i>	sedge	-	SE	G5T4	S2S3

Faulkner 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>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Euphorbia hexagona</i>	six-angle spurge	-	INV	G5	S2
<i>Euphorbia longicruris</i>	wedge-leaf spurge	-	INV	G4G5	S1
<i>Galium texense</i>	Texas bedstraw	-	INV	G4	S1
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Geocarpon minimum</i>	geocarpon	LT	SE	G2	S2
<i>Gossypianthus lanuginosus</i> var.	woolly cotton-flower	-	INV	G5T4	SH
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Helianthus occidentalis</i> ssp. <i>plantagineus</i>	plantain-leaf sunflower	-	INV	G5T2T3	S1
<i>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 fir-moss	-	INV	G5	S2S3
<i>Iva angustifolia</i>	slender marsh-elder	-	INV	G5?	S1
<i>Koeleria macrantha</i>	prairie June grass	-	INV	G5	S2
<i>Krigia occidentalis</i>	western dwarf-dandelion	-	INV	G5	S3
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Plantago patagonica</i>	woolly plantain	-	INV	G5	SNR
<i>Prenanthes aspera</i>	rough rattlesnake-root	-	INV	G4?	S2S3
<i>Rhynchospora macrostachya</i>	horned beaksedge	-	INV	G4	S2
<i>Schedonnardus paniculatus</i>	tumble grass	-	INV	G5	S2
<i>Scleria muehlenbergii</i>	nut-rush	-	INV	G5	S1S2
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Sporobolus pyramidatus</i>	whorled dropseed	-	ST	G5	S2
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Utricularia subulata</i>	zigzag bladderwort	-	INV	G5	S2
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Vicia ludoviciana</i> ssp. <i>ludoviciana</i>	deer pea vetch	-	INV	G5TNR	SH
<i>Viola canadensis</i> var. <i>canadensis</i>	Canadian white violet	-	INV	G5T5	S2
Special Elements-Natural Communities					
Arkansas Valley Prairie and Woodland		-	INV	GNR	SNR
Central Interior Highlands Dry Acidic Glade and Barrens		-	INV	GNR	SNR
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
Special Elements-Other					
Geological feature		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Alasmidonta viridis</i>	slippershell mussel	-	INV	G4G5	S1
<i>Cicindela purpurea</i>	cow path tiger beetle	-	INV	G5	S3
<i>Crangonyx forbesi</i>	an amphipod	-	INV	G5	S1?
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>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 cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Venustaconcha ellipsiformis</i>	ellipse	-	INV	G4	S1
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	S3
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Cryptobranhus alleganiensis bishopi</i>	Ozark hellbender	PE	INV	G3G4T2Q	S2
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma fragi</i>	Strawberry River darter	-	INV	G4	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Lampropeltis triangulum amaura</i>	Louisiana milk snake	-	INV	G5T4	S3
<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	G3G4	S1
Plants-Vascular					
<i>Asclepias incarnata ssp. incarnata</i>	swamp milkweed	-	INV	G5T5	S2
<i>Carex aggregata</i>	sedge	-	INV	G5	S1
<i>Carex davisii</i>	Davis' sedge	-	INV	G4	S3
<i>Carex interior</i>	sedge	-	INV	G5	S1
<i>Carex leptalea</i>	sedge	-	INV	G5	S2S3

Fulton County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex opaca</i>	sedge	-	SE	G5T4	S2S3
<i>Carex suberecta</i>	sedge	-	INV	G4	S2
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Dalea gattingeri</i>	Gattinger's prairie-clover	-	INV	G3G4	S2
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Desmodium illinoense</i>	Illinois tick-trefoil	-	INV	G5	S2
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Echinacea paradoxa var. paradoxa</i>	yellow coneflower	-	ST	G2T2	S2
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Mimulus ringens var. ringens</i>	monkey-flower	-	INV	G5T5	S1S2
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Pedicularis lanceolata</i>	swamp lousewort	-	INV	G5	S1
<i>Pediomelum esculentum</i>	large Indian-breadroot	-	INV	G5	S2
<i>Penstemon cobaea</i>	purple beardtongue	-	INV	G4	S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Pogonia ophioglossoides</i>	rose pogonia	-	ST	G5	S2
<i>Pycnanthemum virginianum</i>	Virginia mountain-mint	-	INV	G5	S1S2
<i>Ranunculus aquatilis var. diffusus</i>	white water crowfoot	-	INV	GNR	S2S3
<i>Salix sericea</i>	silky willow	-	SE	G5	SH
<i>Scleria muehlenbergii</i>	nut-rush	-	INV	G5	S1S2
<i>Scutellaria bushii</i>	Bush's skullcap	-	ST	G3	S2
<i>Sparganium androcladum</i>	bur-reed	-	INV	G4G5	SNR
<i>Zannichellia palustris</i>	horned-pondweed	-	INV	G5	S2S3
<i>Zizania palustris var. interior</i>	interior wild rice	-	INV	G4G5T4T5	SH
Special Elements-Natural Communities					
Central Interior Highlands Calcareous Glade and Barrens		-	INV	GNR	SNR
Spring-Ozark Mountains		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

Arkansas Natural Heritage Commission
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Garland County

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alloperla caddo</i>	Caddo sallfly	-	INV	G1G2	S1
<i>Cordulegaster talaria</i>	Ouachita spiketail	-	INV	G1G2	S1
<i>Fallicambarus harpi</i>	a crayfish	-	INV	G2	S1
<i>Fallicambarus jeanae</i>	a crayfish	-	INV	G2	S2
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	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>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Crotalus atrox</i>	western diamondback rattlesnake	-	INV	G5	S2
<i>Desmognathus conanti</i>	spotted dusky salamander	-	INV	G5T5	S1
<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>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Noturus lachneri</i>	Ouachita madtom	-	INV	G2	S2
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Phrynosoma cornutum</i>	Texas horned lizard	-	INV	G4G5	S2
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	-	INV	G2	S2
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
Plants-Non-vascular					
<i>Phormidium treleasei</i>	A blue-green alga	-	INV	GNR	S2
Plants-Vascular					
<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	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 ebenoides</i>	Scott's spleenwort	-	INV	GNA	S1
<i>Asplenium x gravesii</i>	Graves' spleenwort	-	INV	GNA	S1
<i>Callirhoe alcaeoides</i>	plains poppy-mallow	-	INV	G5?	S1?
<i>Carex atlantica ssp. atlantica</i>	sedge	-	INV	G5T4	S2
<i>Carex bromoides ssp. bromoides</i>	brome sedge	-	INV	G5T5	S2
<i>Carex laevivaginata</i>	sedge	-	INV	G5	S2

Garland County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Carex leptalea</i>	sedge	-	INV	G5	S2S3
<i>Carex pennsylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex willdenowii</i>	Willdenow's sedge	-	INV	G5	S1
<i>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>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dryopteris celsa</i>	log fern	-	INV	G4	S2
<i>Dryopteris x australis</i>	Dixie wood fern	-	INV	GNA	S1
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Euphorbia longicuris</i>	wedge-leaf spurge	-	INV	G4G5	S1
<i>Euphorbia</i> sp. <i>nov.</i>	spurge	-	INV	GNR	SNR
<i>Galium arkansanum</i> var. <i>pubiflorum</i>	hairy-flower Arkansas bedstraw	-	INV	GNR	S2
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Helianthus occidentalis</i> ssp. <i>plantagineus</i>	plantain-leaf sunflower	-	INV	G5T2T3	S1
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Ilex longipes</i>	Georgia holly	-	INV	G5	S3
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G5T3	S3
<i>Liparis loeselii</i>	Loesel's twayblade	-	ST	G5	S1
<i>Paronychia virginica</i>	yellow nailwort	-	INV	G4	S2
<i>Phacelia strictiflora</i> var. <i>robbinsii</i>	Robbins' prairie scorpion-weed	-	INV	G5T4	S1S2
<i>Physaria filiformis</i>	Missouri bladderpod	LT	INV	G3	S1
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Rosa foliolosa</i>	white prairie rose	-	INV	G5	S2
<i>Rudbeckia maxima</i>	great coneflower	-	INV	G4?	S3
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Scutellaria cardiophylla</i>	heart-leaf skullcap	-	INV	G4?	S1S2
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Symphotrichum sericeum</i>	silvery aster	-	INV	G5	S2
<i>Thalictrum arkansanum</i>	Arkansas meadow-rue	-	ST	G2Q	S2
<i>Tradescantia longipes</i>	dwarf spiderwort	-	INV	G4	S2
<i>Trautvetteria caroliniensis</i>	false bugbane	-	INV	G5	S1
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Uvularia perfoliata</i>	perfoliate bellwort	-	INV	G5	S3
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<i>Valerianella palmeri</i>	Palmer's cornsalad	-	INV	G3	S3
<i>Veratrum woodii</i>	false hellebore	-	INV	G5	S3
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Viola walteri</i>	prostrate blue violet	-	INV	G4G5	S1S2
<i>Vitis rupestris</i>	sand grape	-	INV	G3	SNR

Special Elements-Natural Communities

Ouachita Mountain Forested Seep	-	INV	GNR	SNR
Ouachita Novaculite Glade and Woodland	-	INV	GNR	SNR

Garland County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
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

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Grant County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Caecidotea dentadactyla</i>	an isopod	-	INV	GNR	S1
<i>Caecidotea obtusa</i>	an isopod	-	INV	GNR	S1
<i>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 apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>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
Plants-Vascular					
<i>Carex bullata</i>	sedge	-	INV	G5	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Sphenopholis longiflora</i>	Texas wedgescale	-	INV	G4	S1?
<i>Xyris ambigua</i>	yellow-eyed-grass	-	INV	G5	S2S3
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
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Greene County**

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

**Arkansas Natural Heritage Commission
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Hempstead County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Amblyscirtes belli</i>	Bell's roadside skipper	-	INV	G3G4	S3S4
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	INV	G1	S1
<i>Atomosia arkansensis</i>	Arkansas robberfly	-	INV	GNR	S1
<i>Bouchardina robisoni</i>	a crayfish	-	INV	G2	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
Animals-Vertebrates					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Egretta tricolor</i>	Tricolored Heron	-	INV	G5	S3B,S3N
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Eudocimus albus</i>	White Ibis	-	INV	G5	S1B
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Gallinula 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>Lampropeltis triangulum amaura</i>	Louisiana milk snake	-	INV	G5T4	S3
<i>Micrurus tener tener</i>	Texas coral snake	-	INV	G5T5	S2
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Nerodia cyclopion</i>	Mississippi green 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

Hempstead County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Plants-Vascular					
<i>Agalinis auriculata</i>	ear-leaf false foxglove	-	INV	G3	S1
<i>Allium drummondii</i>	Drummond's wild onion	-	INV	G5	S1
<i>Aristida lanosa</i>	woolly three-awn	-	INV	G5	S2
<i>Astragalus crassicaarpus</i> var. <i>crassicaarpus</i>	ground-plum	-	INV	G5T5	S2
<i>Burmannia biflora</i>	bluethread	-	INV	G4G5	S1
<i>Carex arkansana</i>	Arkansas sedge	-	INV	G4	S1
<i>Carex comosa</i>	bottle-brush sedge	-	INV	G5	S1S2
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3	S2
<i>Carex kraliana</i>	Kral's sedge	-	INV	G5	S1S2
<i>Carex leptalea</i>	sedge	-	INV	G5	S2S3
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Crocanthemum bicknellii</i>	hoary frostweed	-	INV	G5	SH
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium carolinianum</i> ssp. <i>virescens</i>	plains larkspur	-	INV	G5T5	S2
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	-	INV	GNR	S1S3
<i>Didiplis diandra</i>	water-purslane	-	INV	G5	S1S3
<i>Echinodorus berteroi</i>	upright burhead	-	INV	G5	S1S3
<i>Eleocharis flavescens</i> var. <i>olivacea</i>	spike-rush	-	INV	G5	S1
<i>Eleocharis wolffii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Glandularia bipinnatifida</i> var. <i>bipinnatifida</i>	Dakota vervain	-	INV	G5T5	S2
<i>Hibiscus coccineus</i>	brilliant hibiscus	-	INV	G4?	S1
<i>Liatris squarrosa</i> var. <i>squarrosa</i>	scaly blazing-star	-	INV	G5T5	S1
<i>Lithospermum tuberosum</i>	tuberous puccoon	-	INV	G4	S2
<i>Muhlenbergia glabrifloris</i>	inland muhly	-	INV	G4?	S1
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Penstemon cobaea</i>	purple beardtongue	-	INV	G4	S3
<i>Pyrrhopappus pauciflorus</i>	false dandelion	-	INV	G5	SNR
<i>Quercus arkansana</i>	Arkansas oak	-	INV	G3	S3
<i>Quercus austrina</i>	bluff oak	-	INV	G4?	S1
<i>Quercus sinuata</i>	Durand's white oak	-	ST	G4G5	S2
<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	white water crowfoot	-	INV	GNR	S2S3
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Rudbeckia maxima</i>	great coneflower	-	INV	G4?	S3
<i>Schoenoplectus californicus</i>	California bulrush	-	INV	G5	S1S2
<i>Sisyrinchium minus</i>	dwarf blue-eyed-grass	-	INV	G5?	S1
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Stenosiphon linifolius</i>	false gaura	-	ST	G5	S1
<i>Styphnolobium affine</i>	Eve's necklace	-	INV	G4	S2S3
<i>Thalictrum arkansanum</i>	Arkansas meadow-rue	-	ST	G2Q	S2
<i>Thelesperma flavodiscum</i>	greenthread	-	INV	G4	S1
<i>Utricularia macrorhiza</i>	greater bladderwort	-	INV	G5	SH
<i>Valerianella amarella</i>	hairy cornsalad	-	INV	GNR	S1
<i>Vicia ludoviciana</i> ssp. <i>leavenworthii</i>	deer pea vetch	-	INV	G5T5	S1S2
Special Elements-Natural Communities					
Back Swamp		-	INV	GNR	SNR
Cypress Swamp		-	INV	GNR	S3
Sugarberry-Elm-Ash Forest		-	INV	GNR	SNR

Hempstead County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
West Gulf Coastal Plain Northern Calcareous Prairie		-	INV	GNR	SNR
<i>Willow Oak Forest</i>		-	INV	GNR	S2
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Allocapnia malverna</i>	a winter stonefly	-	INV	G4	SNR
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	INV	G1	S1
<i>Fallicambarus harpi</i>	a crayfish	-	INV	G2	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>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Stenotrema unciferum</i>	Ouachita slitmouth	-	INV	G2	SNR
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Alosa alabamae</i>	Alabama shad	-	INV	G3	S1S2
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Crotalus atrox</i>	western diamondback rattlesnake	-	INV	G5	S2
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<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>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
Plants-Vascular					
<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>	prairie wild hyacinth	-	INV	G5?Q	S2S3
<i>Carex atlantica ssp. atlantica</i>	sedge	-	INV	G5T4	S2

Hot Spring County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex leptalea</i>	sedge	-	INV	G5	S2S3
<i>Carex normalis</i>	sedge	-	INV	G5	S1
<i>Crassula aquatica</i>	water pygmyweed	-	INV	G5	S1S3
<i>Crataegus triflora</i>	three-flower hawthorn	-	INV	G2G3	S1
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Euphorbia longicuris</i>	wedge-leaf spurge	-	INV	G4G5	S1
<i>Euphorbia sp. nov.</i>	spurge	-	INV	GNR	SNR
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Ilex longipes</i>	Georgia holly	-	INV	G5	S3
<i>Ilex verticillata</i>	winterberry	-	ST	G5	S2
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G5T3	S3
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Parnassia asarifolia</i>	kidney-leaf grass-of-Parnassus	-	INV	G4	S1
<i>Physaria filiformis</i>	Missouri bladderpod	LT	INV	G3	S1
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Pseudolycopodiella caroliniana</i>	slender bog club-moss	-	INV	G5T4	S1
<i>Ptilimnium costatum</i>	big mock bishop's-weed	-	INV	G4	S1
<i>Sabatia campanulata</i>	slender rose-gentian	-	SE	G5	S1
<i>Scutellaria cardiophylla</i>	heart-leaf skullcap	-	INV	G4?	S1S2
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus ssp. obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Triadenum virginicum</i>	Virginia marsh-St. John's-wort	-	INV	G5	S1
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<i>Valerianella palmeri</i>	Palmer's cornsalad	-	INV	G3	S3
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Viburnum dentatum var. scabrellum</i>	southern arrow-wood	-	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
Howard County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Bouchardina robisoni</i>	a crayfish	-	INV	G2	S1
<i>Fallicambarus strawni</i>	a crayfish	-	INV	G1G2	S1
<i>Gomphus ozarkensis</i>	Ozark clubtail dragonfly	-	INV	G4	S1
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lucanus 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	G3	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>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
Plants-Vascular					
<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>	ground-plum	-	INV	G5T5	S2
<i>Calamovilfa arcuata</i>	Cumberland sand-reed	-	INV	G2	S1
<i>Cardamine angustata</i>	slender toothwort	-	INV	G5	S2
<i>Carex gracilescens</i>	sedge	-	INV	G5?	S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Carex pennsylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3

Howard County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex timida</i>	sedge	-	INV	G2G3	S2S3
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Cooperia drummondii</i>	rain-lily	-	INV	G5	S1S2
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Deschampsia flexuosa</i>	wavy hair grass	-	INV	G5	S2S3
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	-	INV	GNR	S1S3
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Euphorbia</i> sp. nov.	spurge	-	INV	GNR	SNR
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Glandularia bipinnatifida</i> var. <i>bipinnatifida</i>	Dakota vervain	-	INV	G5T5	S2
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Hedeoma reverchonii</i> var. <i>reverchonii</i>	Reverchon's false pennyroyal	-	INV	G5?TNR	S1
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Ilex longipes</i>	Georgia holly	-	INV	G5	S3
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G5T3	S3
<i>Lithospermum tuberosum</i>	tuberous puccoon	-	INV	G4	S2
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Penstemon cobaea</i>	purple beardtongue	-	INV	G4	S3
<i>Physaria gracilis</i> ssp. <i>gracilis</i>	bladderpod	-	INV	G5T4	S1
<i>Plantago rhodosperma</i>	red-seed plantain	-	INV	GNR	S1S2
<i>Pyrrhopappus pauciflorus</i>	false dandelion	-	INV	G5	SNR
<i>Quercus arkansana</i>	Arkansas oak	-	INV	G3	S3
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Spiranthes magnicamporum</i>	great plains ladies'-tresses	-	INV	G4	S1S2
<i>Spiranthes ovalis</i> var. <i>erostellata</i>	northern oval ladies'-tresses	-	INV	G5?T4?	S1
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Stenosiphon linifolius</i>	false gaura	-	ST	G5	S1
<i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Streptanthus squamiformis</i>	Ouachita twistflower	-	ST	G2	S2
<i>Thalictrum arkansanum</i>	Arkansas meadow-rue	-	ST	G2Q	S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Valerianella palmeri</i>	Palmer's cornsalad	-	INV	G3	S3
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Xyris difformis</i> var. <i>difformis</i>	yellow-eyed-grass	-	INV	G5T5	S2
<i>Zannichellia palustris</i>	horned-pondweed	-	INV	G5	S2S3

Special Elements-Natural Communities

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta viridis</i>	slippershell mussel	-	INV	G4G5	S1
<i>Amnicola cora</i>	Foushee cavesnail	-	INV	G1	S1
<i>Arrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S2
<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	S2
<i>Lucanus elephus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<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 cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<i>Xolotrema occidentale</i>	Arkansas wedge	-	INV	G1	SNR
Animals-Vertebrates					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Cryptobranchus alleganiensis bishopi</i>	Ozark hellbender	PE	INV	G3G4T2Q	S2
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Erimystax haryi</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>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Moxostoma anisurum</i>	silver redhorse	-	INV	G5	S1?
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>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?
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3

Independence County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
Plants-Vascular					
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Cardamine douglassii</i>	purple cress	-	INV	G5	S1
<i>Carex conjuncta</i>	sedge	-	INV	G4G5	S1
<i>Carex davisii</i>	Davis' sedge	-	INV	G4	S3
<i>Carex gracillima</i>	graceful sedge	-	INV	G5	S1
<i>Carex normalis</i>	sedge	-	INV	G5	S1
<i>Carex reznicekii</i>	Reznicek's sedge	-	INV	G5	S2?
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Dirca decipiens</i>	Ozark leatherwood	-	INV	GNR	S1?
<i>Ilex verticillata</i>	winterberry	-	ST	G5	S2
<i>Maianthemum stellatum</i>	starry false Solomon's-seal	-	INV	G5	S1
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Oenothera clelandii</i>	Cleland's evening-primrose	-	INV	G3G5	S1
<i>Phacelia gilliioides</i>	scorpion-weed	-	INV	G5	S2S3
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Prenanthes crepidinea</i>	nodding rattlesnake-root	-	INV	G4	S2
<i>Sida elliotii</i>	Elliott's sida	-	INV	G4G5	S2S3
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Trifolium stoloniferum</i>	running buffalo clover	LE	INV	G3	SH
<i>Viola canadensis var. canadensis</i>	Canadian white violet	-	INV	G5T5	S2
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

Arkansas Natural Heritage Commission
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Izard County

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Daedalochila peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Epioblasma triquetra</i>	snuffbox	-	INV	G3	S1
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Heterosternuta phoebeae</i>	a predaceous diving beetle	-	INV	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ophiogomphus westfalli</i>	Ozark snaketail dragonfly	-	INV	G3	S1S2
<i>Orconectes neglectus chaenodactylus</i>	ringed crayfish	-	INV	G5T3	S2
<i>Patera clenchi</i>	Calico Rock oval	-	INV	G1	SNR
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S2
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	S3
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Cyprinella spiloptera</i>	spotfin shiner	-	INV	G5	S1
<i>Erimystax harryi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma fragi</i>	Strawberry River darter	-	INV	G4	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Geomys bursarius ozarkensis</i>	Ozark pocket gopher	-	INV	G5T1T3	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Lampetra appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<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?
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
Plants-Vascular					
<i>Abutilon fruticosum</i>	Texas Indian-mallow	-	INV	G4G5	S1S2
<i>Acalypha deamii</i>	Deam's copperleaf	-	INV	G4?	S1
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2

Izard County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Aristida purpurea</i> var. <i>purpurea</i>	purple three-awn	-	INV	G5T5	SNR
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Carex opaca</i>	sedge	-	SE	G5T4	S2S3
<i>Carex planostachys</i>	cedar sedge	-	INV	G5	S1
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Coreopsis grandiflora</i> var. <i>saxicola</i>	large-flower tickseed	-	INV	G5T4?	S3
<i>Helianthus pauciflorus</i> ssp. <i>pauciflorus</i>	prairie sunflower	-	INV	G5T5?	S1
<i>Mentzelia oligosperma</i>	stick-leaf	-	INV	G4	SH
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Pediomelum esculentum</i>	large Indian-breadroot	-	INV	G5	S2
<i>Penstemon cobaea</i>	purple beardtongue	-	INV	G4	S3
<i>Physaria filiformis</i>	Missouri bladderpod	LT	INV	G3	S1
<i>Sida elliotii</i>	Elliott's sida	-	INV	G4G5	S2S3
<i>Spiranthes lucida</i>	shining ladies'-tresses	-	INV	G5	S2
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Symphotrichum sericeum</i>	silvery aster	-	INV	G5	S2
<i>Zizia aptera</i>	heart-leaf golden Alexanders	-	INV	G5	S1S3
Special Elements-Natural Communities					
Central Interior Highlands Calcareous Glade and Barrens		-	INV	GNR	SNR
Central Interior Highlands Dry Acidic Glade and Barrens		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S2
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	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	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>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>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>Nerodia cyclopion</i>	Mississippi green water snake	-	INV	G5	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Notropis sabiniae</i>	sabine shiner	-	INV	G4	S2?
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Rallus elegans</i>	King Rail	-	INV	G4	S1B,S3N
Plants-Vascular					
<i>Carex muskingumensis</i>	palm sedge	-	INV	G4	S1
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Caecidotea dentadactyla</i>	an isopod	-	INV	GNR	S1
<i>Caecidotea obtusa</i>	an isopod	-	INV	GNR	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Daedalochila peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Fallicambarus gilpini</i>	a crayfish	-	INV	G2	S1
<i>Lirceus louisianae</i>	an isopod	-	INV	GNR	S1
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Gallinula 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
Plants-Vascular					
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Calopogon tuberosus var. tuberosus</i>	tuberous grass-pink	-	INV	G5T5	S1
<i>Carex arkansana</i>	Arkansas sedge	-	INV	G4	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Dalea lanata var. lanata</i>	woolly prairie-clover	-	INV	G5TNR	S2S3
<i>Eleocharis flavescens var. flavescens</i>	spike-rush	-	INV	G5T5	S1S2
<i>Eustoma exaltatum</i>	catchfly prairie-gentian	-	INV	G5	S2
<i>Fuirena bushii</i>	Bush's umbrella sedge	-	INV	G5	S3
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Heliotropium convolvulaceum</i>	phlox heliotrope	-	INV	G5	S2
<i>Ipomoea cordatotriloba var. cordatotriloba</i>	tie-vine morning-glory	-	INV	G5T5	S1
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Platanthera x channellii</i>	Channell's fringed orchid	-	INV	GNA	S1
<i>Pogonia ophioglossoides</i>	rose pogonia	-	ST	G5	S2
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2

Jefferson County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Pycnanthemum verticillatum</i>	Whorled Mountain-mint	-	INV	G5	S1
<i>Rhynchospora globularis</i> var. <i>globularis</i>	beaksedge	-	INV	G5?T5?	SNR
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Spiranthes lacera</i> var. <i>lacera</i>	northern slender ladies'-tresses	-	INV	G5T5	S1
<i>Utricularia subulata</i>	zigzag bladderwort	-	INV	G5	S2
Special Elements-Natural Communities					
Lowland Pine-Oak Forest		-	INV	GNR	S1
West Gulf Coastal Plain Pine-Hardwood Forest		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cambarus causeyi</i>	a crayfish	-	INV	G2	S1
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Dannella provonshai</i>	mayfly	-	INV	G3G4	S1?
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Lucanus elephus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Orconectes williamsi</i>	William's crayfish	-	INV	G3G4	S1
<i>Paduniella nearctica</i>	nearctic paduniellan caddisfly	-	INV	G1G2	S1?
<i>Paraleptophlebia calcarica</i>	a mayfly	-	INV	G1G2	S1?
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Erimystax harryi</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>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Notropis girardi</i>	Arkansas River shiner	LT	INV	G2	SX
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>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
Plants-Vascular					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Bergia texana</i>	Texas bergia	-	INV	G5	S2
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex cumberlandensis</i>	Cumberland sedge	-	INV	GNR	S1
<i>Carex reznicekii</i>	Reznicek's sedge	-	INV	G5	S2?
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Crocanthemum rosmarinifolium</i>	rosemary rock-rose	-	INV	G4	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2

Johnson County (cont.)

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

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

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

Lafayette County (cont.)

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Bactrurus pseudomucronatus</i>	false sword-tailed cave amphipod	-	INV	G2G3	S1?
<i>Caecidotea brevicauda</i>	an isopod	-	INV	GNR	S1
<i>Caecidotea communis</i>	an isopod	-	INV	G5	S1
<i>Caecidotea montana</i>	an isopod	-	INV	GNR	S1
<i>Caecidotea salemensis</i>	an isopod	-	INV	G4	S1
<i>Cicindela duodecimguttata</i>	twelve-spotted tiger beetle	-	INV	G5	S3S4
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4G5	S2
<i>Crangonyx forbesi</i>	an amphipod	-	INV	G5	S1?
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Epioblasma florentina curtisi</i>	Curtis pearlymussel	LE	INV	G1T1	S1
<i>Epioblasma triquetra</i>	snuffbox	-	INV	G3	S1
<i>Gammarus pseudolimnaeus</i>	an amphipod	-	INV	G5	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>Leptodea leptodon</i>	scaleshell	LE	INV	G1G2	S1
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lirceus louisianae</i>	an isopod	-	INV	GNR	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>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>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Simpsonaias ambigua</i>	salamander mussel	-	INV	G3	S1
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Cyprinella spiloptera</i>	spotfin shiner	-	INV	G5	S1

Lawrence County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<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>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>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Notropis sabiniae</i>	sabine shiner	-	INV	G4	S2?
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Taxidea taxus</i>	American badger	-	INV	G5	S1S2
Plants-Vascular					
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Carex muskingumensis</i>	palm sedge	-	INV	G4	S1
<i>Carex pellita</i>	sedge	-	INV	G5	S1S2
<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	G2G3	S2
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Phacelia gilioides</i>	scorpion-weed	-	INV	G5	S2S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Ptilimnium costatum</i>	big mock bishop's-weed	-	INV	G4	S1
<i>Sida elliotii</i>	Elliott's sida	-	INV	G4G5	S2S3
<i>Sium suave</i>	water-parsnip	-	INV	G5	S1S3
<i>Tradescantia subaspera</i>	zigzag spiderwort	-	INV	G5	S1S3
Special Elements-Natural Communities					
Lowland Oak-Hickory Forest		-	INV	GNR	S1

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>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
Animals-Vertebrates					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>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>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Scaphirhynchus albus</i>	pallid sturgeon	LE	INV	G2	S1
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
Plants-Vascular					
<i>Carex kraliana</i>	Kral's sedge	-	INV	G5	S1S2
<i>Carex normalis</i>	sedge	-	INV	G5	S1
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	-	INV	G5	S1S3
<i>Schisandra glabra</i>	bay star-vine	-	INV	G3	S2S3
<i>Zannichellia palustris</i>	horned-pondweed	-	INV	G5	S2S3
Special Elements-Natural Communities					
Mississippi River Riparian Forest		-	INV	GNR	SNR
Southern Crowley's Ridge Mesic Loess Slope Forest		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Catocala lincolnana</i>	Lincoln underwing	-	INV	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
Animals-Vertebrates					
<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
Plants-Vascular					
<i>Bergia texana</i>	Texas bergia	-	INV	G5	S2
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Eriocaulon decangulare</i>	large-head pipewort	-	INV	G5	S1S2
<i>Eryngium integrifolium</i>	blue-flower eryngo	-	INV	G5	S2
<i>Fuirena bushii</i>	Bush's umbrella sedge	-	INV	G5	S3
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Scleria muehlenbergii</i>	nut-rush	-	INV	G5	S1S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
Special Elements-Natural Communities					
Submesic Oak-Hickory Forest		-	INV	GNR	S1
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	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 cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Tetraopes quinque maculatus</i>	a red milkweed beetle	-	INV	GNR	S1S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Notropis atrocaudalis</i>	blackspot shiner	-	INV	G4	S3
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Pteronotropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
<i>Tyrannus verticalis</i>	Western Kingbird	-	INV	G5	S1B,S1N
Plants-Vascular					
<i>Allium drummondii</i>	Drummond's wild onion	-	INV	G5	S1
<i>Amorpha paniculata</i>	panicled indigo-bush	-	ST	G2G3	S1
<i>Aphanostephus skirrhobasis</i> var. <i>skirrhobasis</i>	Arkansas lazy daisy	-	INV	G5TNR	SH
<i>Astragalus crassicaarpus</i> var. <i>crassicaarpus</i>	ground-plum	-	INV	G5T5	S2
<i>Astragalus nuttallianus</i> var. <i>nuttallianus</i>	Nuttall's milk-vetch	-	INV	G5TNR	S1
<i>Bouteloua rigidiseta</i>	Texas grama	-	SE	G5	S1
<i>Carex planostachys</i>	cedar sedge	-	INV	G5	S1
<i>Carex shinnnersii</i>	Shinners' sedge	-	INV	G3	S1
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Condalia hookeri</i>	bluewood	-	INV	G5	S1
<i>Convolvulus equitans</i>	Texas bindweed	-	INV	G5	S1
<i>Cooperia drummondii</i>	rain-lily	-	INV	G5	S1S2
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Dalea compacta</i> var. <i>compacta</i>	compact prairie-clover	-	INV	G5T4	S2
<i>Delphinium carolinianum</i> ssp. <i>virescens</i>	plains larkspur	-	INV	G5T5	S2
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	-	INV	GNR	S1S3

Little River County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Diaperia verna</i> var. <i>verna</i>	rabbit-tobacco	-	INV	GNR	SNR
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Engelmannia peristenia</i>	Engelmann's daisy	-	INV	G5	S1
<i>Eriogonum annuum</i>	annual wild buckwheat	-	INV	G5	S1
<i>Eryngium leavenworthii</i>	Leavenworth's eryngo	-	INV	G4	S1
<i>Fuirena simplex</i> var. <i>aristulata</i>	umbrella sedge	-	INV	G5T4	S1
<i>Glandularia bipinnatifida</i> var. <i>bipinnatifida</i>	Dakota vervain	-	INV	G5T5	S2
<i>Hexalectris spicata</i> var. <i>spicata</i>	crested-coralroot	-	INV	G5T4T5	S2
<i>Indigofera miniata</i>	scarlet-pea	-	ST	G5	S2
<i>Liatris squarrosa</i> var. <i>squarrosa</i>	scaly blazing-star	-	INV	G5T5	S1
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Lupinus texensis</i>	Texas bluebonnet	-	INV	G5	S1
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Oenothera pilosella</i> ssp. <i>sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Oenothera spachiana</i>	Spach's evening-primrose	-	INV	G5	SH
<i>Penstemon cobaea</i>	purple beardtongue	-	INV	G4	S3
<i>Physalis cinerascens</i> var. <i>cinerascens</i>	small-flower ground-cherry	-	INV	G4G5T3T5	S1
<i>Physaria gracilis</i> ssp. <i>gracilis</i>	bladderpod	-	INV	G5T4	S1
<i>Pyrrhopappus pauciflorus</i>	false dandelion	-	INV	G5	SNR
<i>Quercus sinuata</i>	Durand's white oak	-	ST	G4G5	S2
<i>Rhus trilobata</i> var. <i>trilobata</i>	skunk-bush sumac	-	INV	G5T5	S1
<i>Rhynchospora colorata</i>	white-top sedge	-	SE	G5	S1
<i>Rhynchospora globularis</i> var. <i>globularis</i>	beaksedge	-	INV	G5?T5?	SNR
<i>Rudbeckia maxima</i>	great coneflower	-	INV	G4?	S3
<i>Stachys crenata</i>	shade betony	-	INV	G5	SNR
<i>Stenosiphon linifolius</i>	false gaura	-	ST	G5	S1
<i>Styphnolobium affine</i>	Eve's necklace	-	INV	G4	S2S3
<i>Thalictrum arkansanum</i>	Arkansas meadow-rue	-	ST	G2Q	S2
<i>Xanthisma spinulosum</i> var. <i>spinulosum</i>	lacy tansy-aster	-	INV	G5	SH
Special Elements-Natural Communities					
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
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Acalypta susanae</i>	a lace bug	-	INV	GNR	S1
<i>Arianops sandersoni</i>	Magazine Mountain mold beetle	-	INV	G1?	S1?
<i>Cicindela duodecimguttata</i>	twelve-spotted tiger beetle	-	INV	G5	S3S4
<i>Inflectarius magazinensis</i>	Magazine Mountain shagreen	LT	INV	G1	S1
<i>Isoperla szczytkoi</i>	Magazine stripetail	-	INV	G1	S1
<i>Ligidium elrodii</i>	an isopod	-	INV	G4G5	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Lucanus elephus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Nicrophorus americanus</i>	American burying beetle	LE	INV	G2G3	S1
<i>Ouachitychus parvocolus</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	S1?
Animals-Vertebrates					
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	-	INV	G5	S1
<i>Crotalus atrox</i>	western diamondback rattlesnake	-	INV	G5	S2
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Lampropeltis triangulum amaura</i>	Louisiana milk snake	-	INV	G5T4	S3
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G3	S1
<i>Notropis girardi</i>	Arkansas River shiner	LT	INV	G2	SX
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
Plants-Vascular					
<i>Allium cernuum</i>	nodding wild onion	-	INV	G5	SH
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Apocynum androsaemifolium</i>	spreading dogbane	-	INV	G5	SNR
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Camassia angusta</i>	prairie wild hyacinth	-	INV	G5?Q	S2S3
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Carex opaca</i>	sedge	-	SE	G5T4	S2S3
<i>Carex pennsylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2

Logan County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Dennstaedtia punctilobula</i>	hay-scented fern	-	INV	G5	S2
<i>Deschampsia flexuosa</i>	wavy hair grass	-	INV	G5	S2S3
<i>Dryopteris carthusiana</i>	spinulose wood fern	-	ST	G5	S1
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Erysimum capitatum</i> var. <i>capitatum</i>	western wallflower	-	INV	G5T5	S2
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Euphorbia longicruris</i>	wedge-leaf spurge	-	INV	G4G5	S1
<i>Euphorbia</i> sp. <i>nov.</i>	spurge	-	INV	GNR	SNR
<i>Galium texense</i>	Texas bedstraw	-	INV	G4	S1
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G5T3	S3
<i>Liatris scariosa</i> var. <i>nieuwlandii</i>	northern blazing-star	-	INV	G5?T3T5	S2?
<i>Lilium superbum</i>	Turk's-cap lily	-	INV	G5	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Paronychia virginica</i>	yellow nailwort	-	INV	G4	S2
<i>Quercus acerifolia</i>	maple-leaf oak	-	ST	G1	S1
<i>Ribes cynosbati</i>	prickly gooseberry	-	INV	G5	S2S3
<i>Spiranthes lacera</i> var. <i>lacera</i>	northern slender ladies'-tresses	-	INV	G5T5	S1
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Triosteum aurantiacum</i> var. <i>illinoense</i>	red-fruit horse-gentian	-	INV	G5TNR	SH
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<i>Veratrum woodii</i>	false hellebore	-	INV	G5	S3
<i>Woodsia appalachiana</i>	Appalachian cliff fern	-	INV	G4	S1
Special Elements-Natural Communities					
Central Interior Highlands Dry Acidic Glade and Barrens		-	INV	GNR	SNR
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, swallows & swifts		-	INV	GNR	SNR
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

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

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Allocaupnia jeanae</i>	a winter stonefly	-	INV	G2	S1?
<i>Allocaupnia 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	S2
<i>Caecidotea steevesi</i>	an isopod	-	INV	G3G4	S1
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Cambarus causeyi</i>	a crayfish	-	INV	G2	S1
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Daedalochila peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Heterosternuta phoebeae</i>	a predaceous diving beetle	-	INV	G2	S2
<i>Heterosternuta sulphuria</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Orconectes neglectus chaenodactylus</i>	ringed crayfish	-	INV	G5T3	S2
<i>Orconectes williamsi</i>	William's crayfish	-	INV	G3G4	S1
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S2
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Trigenotyia parca</i>	a cave obligate millipede	-	INV	G1G2	S1
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	INV	G4T1	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis grisescens</i>	gray myotis	LE	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>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
Plants-Vascular					
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Bromus nottowanus</i>	satin brome	-	INV	G3G5	S2
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Crataegus phaenopyrum</i>	Washington hawthorn	-	INV	G4?	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3

Madison County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Euonymus obovatus</i>	running strawberry-bush	-	INV	G5	S3
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Helianthus occidentalis ssp. occidentalis</i>	naked-stem sunflower	-	INV	G5T5	S1S2
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Huperzia lucidula</i>	shining fir-moss	-	INV	G5	S2S3
<i>Juncus subcaudatus</i>	woodland rush	-	INV	G5	S1
<i>Liatris punctata var. mucronata</i>	dotted gayfeather	-	INV	GNR	SNR
<i>Lilium superbum</i>	Turk's-cap lily	-	INV	G5	S1
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Marshallia caespitosa var. caespitosa</i>	Barbara's buttons	-	INV	G4T4	S2
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	-	INV	G5	S1S3
<i>Phlox amplifolia</i>	broad-leaf phlox	-	INV	G3G5	S1
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Platanthera flava</i>	southern tuberclad orchid	-	ST	G4?	S2S3
<i>Prosartes lanuginosa</i>	yellow mandarin	-	INV	G5	S2
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Symphyotrichum sericeum</i>	silvery aster	-	INV	G5	S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Trichomanes boschianum</i>	Appalachian filmy fern	-	ST	G4	S2S3
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3T3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Viburnum molle</i>	soft-leaf arrow-wood	-	INV	G5	S1
Special Elements-Natural Communities					
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
Ozark-Ouachita Mesic Hardwood Forest		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S2
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Cambarus zophonastes</i>	a crayfish	LE	INV	G1	S1
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Daedalochila peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Epioblasma triquetra</i>	snuffbox	-	INV	G3	S1
<i>Heterosternuta phoebeae</i>	a predaceous diving beetle	-	INV	G2	S2
<i>Heterosternuta sulphurica</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Rimulincola divalis</i>	a beetle	-	INV	G1	S1
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S2
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	INV	G4T1	S1
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<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>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<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>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Sonora semiannulata</i>	ground snake	-	INV	G5	SNR
Plants-Vascular					
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Arabis hirsuta var. adpressipilis</i>	hairy rockcress	-	INV	G5T4Q	S1?
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Artemisia ludoviciana ssp. mexicana</i>	white sagebrush	-	INV	G5T5?	SNR
<i>Asclepias incarnata ssp. incarnata</i>	swamp milkweed	-	INV	G5T5	S2
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3

Marion County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex hitchcockiana</i>	Hitchcock's sedge	-	INV	G5	S1S2
<i>Carex leptalea</i>	sedge	-	INV	G5	S2S3
<i>Carex pellita</i>	sedge	-	INV	G5	S1S2
<i>Carex reznicekii</i>	Reznicek's sedge	-	INV	G5	S2?
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex suberecta</i>	sedge	-	INV	G4	S2
<i>Carex timida</i>	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>Geum virginianum</i>	cream avens	-	INV	G5	S1
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Juncus subcaudatus</i>	woodland rush	-	INV	G5	S1
<i>Liatris scariosa</i> var. <i>nieuwlandii</i>	northern blazing-star	-	INV	G5?T3T5	S2?
<i>Lipocarpa drummondii</i>	Drummond's halfchaff sedge	-	INV	G4G5	SH
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Lysimachia hybrida</i>	lowland yellow-loosestrife	-	INV	G5	S1
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Neviusia alabamensis</i>	Alabama snow-wreath	-	ST	G2	S1S2
<i>Pediomelum esculentum</i>	large Indian-breadroot	-	INV	G5	S2
<i>Penstemon cobaea</i>	purple beardtongue	-	INV	G4	S3
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Poa wolfii</i>	Wolf's blue grass	-	INV	G4	S2
<i>Prenanthes aspera</i>	rough rattlesnake-root	-	INV	G4?	S2S3
<i>Prenanthes crepidinea</i>	nodding rattlesnake-root	-	INV	G4	S2
<i>Rhynchospora capillacea</i>	beaksedge	-	INV	G4	S2
<i>Ribes cynosbati</i>	prickly gooseberry	-	INV	G5	S2S3
<i>Salvia reflexa</i>	Rocky Mountain sage	-	INV	G5	SH
<i>Schedonnardus paniculatus</i>	tumble grass	-	INV	G5	S2
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Spiranthes lucida</i>	shining ladies'-tresses	-	INV	G5	S2
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Symphyotrichum sericeum</i>	silvery aster	-	INV	G5	S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Viola canadensis</i> var. <i>canadensis</i>	Canadian white violet	-	INV	G5T5	S2
<i>Vitis rupestris</i>	sand grape	-	INV	G3	SNR
<i>Waldsteinia fragarioides</i>	barren-strawberry	-	INV	G5	S1

Special Elements-Natural Communities

Central Interior Highlands Calcareous Glade and Barrens	-	INV	GNR	SNR
Ozark-Ouachita Dry Oak Woodland	-	INV	GNR	SNR
Ozark-Ouachita Fen	-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>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
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>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>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Reithrodontomys humulis</i>	eastern harvest mouse	-	INV	G5	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
Plants-Vascular					
<i>Aletris aurea</i>	golden colicroot	-	INV	G5	S1S2
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Amorpha paniculata</i>	panicled indigo-bush	-	ST	G2G3	S1
<i>Aristida lanosa</i>	woolly three-awn	-	INV	G5	S2
<i>Asimina parviflora</i>	dwarf pawpaw	-	INV	G5	S2S3
<i>Astragalus leptocarpus</i>	slim-pod milk-vetch	-	INV	G5	S2
<i>Astragalus soxmaniorum</i>	Soxman's milk-vetch	-	INV	G3	S2
<i>Azolla caroliniana</i>	Carolina mosquito fern	-	INV	G5	SU
<i>Berlandiera pumila var. pumila</i>	green-eyes	-	INV	G4G5TNR	S1
<i>Bouteloua hirsuta ssp. hirsuta</i>	hairy grama	-	SE	G5T5	S1
<i>Bulbostylis ciliatifolia var. coarctata</i>	hairsedge	-	INV	G5T3T5	S1S2
<i>Callirhoe papaver</i>	woodland poppy-mallow	-	INV	G5	S1
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3	S2
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Coreopsis intermedia</i>	tickseed	-	INV	G3	S1
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Croton michauxii</i>	narrow-leaf rushfoil	-	INV	G5	S1S2
<i>Cyperus hystricinus</i>	bristly flatsedge	-	INV	G4	S2S3
<i>Dalea phleoides var. microphylla</i>	little-leaf prairie-clover	-	ST	G4T4	S1
<i>Dalea villosa var. grisea</i>	silky prairie-clover	-	SE	G5T4	S1
<i>Delphinium carolinianum ssp. vimineum</i>	pinewoods larkspur	-	INV	G5T5	S2
<i>Diaperia candida</i>	silver rabbit-tobacco	-	INV	G3G5	S1S2

Miller County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Echinacea sanguinea</i>	sanguine purple coneflower	-	ST	G3G5	S2S3
<i>Eryngium integrifolium</i>	blue-flower eryngo	-	INV	G5	S2
<i>Fuirena bushii</i>	Bush's umbrella sedge	-	INV	G5	S3
<i>Fuirena simplex var. aristulata</i>	umbrella sedge	-	INV	G5T4	S1
<i>Geranium texanum</i>	Texas crane's-bill	-	INV	G4	SH
<i>Hymenopappus artemisiifolius var. artemisiifolius</i>	woolly-white	-	INV	G5T4	SNR
<i>Ipomoea cordatotriloba var. cordatotriloba</i>	tie-vine morning-glory	-	INV	G5T5	S1
<i>Loeflingia squarrosa</i>	spreading loeflingia	-	INV	G5	S1
<i>Magnolia macrophylla</i>	big-leaf magnolia	-	SE	G5	S1
<i>Matelea cynanchoides</i>	milkvine	-	SE	G4G5	S1
<i>Mitreola sessilifolia</i>	swamp hornpod	-	INV	G4G5	S2
<i>Monarda lindheimeri</i>	Lindheimer's beebalm	-	INV	G4	S1
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Nuttallanthus canadensis</i>	blue toadflax	-	INV	G5	S1S2
<i>Oenothera heterophylla ssp. heterophylla</i>	evening-primrose	-	INV	G4TNR	S1
<i>Panicum rigidulum ssp. pubescens</i>	red-top panic grass	-	INV	G5T5?	SNR
<i>Pediomelum digitatum</i>	palm-leaf Indian-breadroot	-	ST	G5	S1
<i>Pediomelum hypogaeum var. subulatum</i>	buried Indian-breadroot	-	SE	G5T4	S1
<i>Persea borbonia</i>	red bay	-	SE	G5	SH
<i>Phemeranthus rugospermus</i>	rough-seed fameflower	-	INV	G3G4	S1
<i>Prunus gracilis</i>	Oklahoma plum	-	INV	G4G5	S1
<i>Quercus arkansana</i>	Arkansas oak	-	INV	G3	S3
<i>Rhynchospora globularis var. globularis</i>	beaksedge	-	INV	G5?T5?	SNR
<i>Rhynchospora gracilentata</i>	beaksedge	-	INV	G5	S2
<i>Rhynchospora rariflora</i>	few-flower beaksedge	-	ST	G5	S1S2
<i>Scutellaria cardiophylla</i>	heart-leaf skullcap	-	INV	G4?	S1S2
<i>Selaginella arenicola ssp. riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus hyacinthoides</i>	sandhill twistflower	-	ST	G4	S2
<i>Styphnolobium affine</i>	Eve's necklace	-	INV	G4	S2S3
<i>Tetragonotheca ludoviciana</i>	nerveray	-	SE	G4	S1
<i>Thalictrum arkansanum</i>	Arkansas meadow-rue	-	ST	G2Q	S2
<i>Thelesperma flavodiscum</i>	greenthread	-	INV	G4	S1
<i>Tradescantia reverchonii</i>	Reverchon's spiderwort	-	INV	G4	S3
<i>Tragia smallii</i>	Small's noseburn	-	INV	G4?	S1
<i>Vicia ludoviciana ssp. leavenworthii</i>	deer pea vetch	-	INV	G5T5	S1S2
<i>Vulpia sciurea</i>	squirrel-tail six-weeks grass	-	INV	G5	SNR

Special Elements-Natural Communities

Forested Canebrake	-	INV	GNR	S1
Lowland Meander Scar Lake	-	INV	GNR	SNR
Lowland Pine-Oak Forest	-	INV	GNR	S1
Shrub Swamp	-	INV	GNR	S3
West Gulf Coastal Plain Sandhill Oak & Shortleaf Pine Forest & Woodland	-	INV	GNR	SNR

Special Elements-Other

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Lucanus 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	G3	S2
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Cypleptus 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>Scaphirhynchus albus</i>	pallid sturgeon	LE	INV	G2	S1
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
Plants-Vascular					
<i>Carex normalis</i>	sedge	-	INV	G5	S1
<i>Magnolia macrophylla</i>	big-leaf magnolia	-	SE	G5	S1
<i>Mentha arvensis</i>	wild mint	-	INV	G5	S1
Special Elements-Natural Communities					
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela cursitans</i>	ant-like tiger beetle	-	INV	G4	S2S3
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Gryllotalpa major</i>	prairie mole cricket	-	INV	G3	S1S2
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	G2	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lirceus louisianae</i>	an isopod	-	INV	GNR	S1
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
Animals-Vertebrates					
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>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 sabiniae</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
Plants-Vascular					
<i>Carex gigantea</i>	giant sedge	-	INV	G4	S1S2
<i>Carex opaca</i>	sedge	-	SE	G5T4	S2S3
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Minuartia drummondii</i>	Drummond's sandwort	-	INV	G5	S2S3
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
Special Elements-Natural Communities					
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
Lowland Headwater Stream-Delta		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Cordulegaster talaria</i>	Ouachita spiketail	-	INV	G1G2	S1
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Fallicambarus harpi</i>	a crayfish	-	INV	G2	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>Ligidium elrodii</i>	an isopod	-	INV	G4G5	S2
<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 cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Stenotrema unciferum</i>	Ouachita slitmouth	-	INV	G2	SNR
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Crotalus atrox</i>	western diamondback rattlesnake	-	INV	G5	S2
<i>Dendroica virens</i>	Black-throated Green Warbler	-	INV	G5	S2B,S5N
<i>Etheostoma pallidiorsum</i>	paleback darter	-	INV	G2	S2
<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>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3

Montgomery County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	-	INV	G2	S2
<i>Plethodon fourchensis</i>	Fourche Mountain salamander	-	INV	G2Q	S2
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
Plants-Vascular					
<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 gravesii</i>	Graves' spleenwort	-	INV	GNA	S1
<i>Cardamine angustata</i>	slender toothwort	-	INV	G5	S2
<i>Carex bromoides ssp. bromoides</i>	brome sedge	-	INV	G5T5	S2
<i>Carex emoryi</i>	Emory's sedge	-	INV	G5	S1
<i>Carex laevivaginata</i>	sedge	-	INV	G5	S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Carex leptalea</i>	sedge	-	INV	G5	S2S3
<i>Carex pennsylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Carex prasina</i>	drooping sedge	-	INV	G4	SH
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex timida</i>	sedge	-	INV	G2G3	S2S3
<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>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Dennstaedtia punctilobula</i>	hay-scented fern	-	INV	G5	S2
<i>Didiplis diandra</i>	water-purslane	-	INV	G5	S1S3
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dryopteris celsa</i>	log fern	-	INV	G4	S2
<i>Dryopteris x australis</i>	Dixie wood fern	-	INV	GNA	S1
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Euphorbia longicuris</i>	wedge-leaf spurge	-	INV	G4G5	S1
<i>Euphorbia sp. nov.</i>	spurge	-	INV	GNR	SNR
<i>Galium arkansanum var. pubiflorum</i>	hairy-flower Arkansas bedstraw	-	INV	GNR	S2
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Helianthus occidentalis ssp. plantagineus</i>	plantain-leaf sunflower	-	INV	G5T2T3	S1
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Ilex longipes</i>	Georgia holly	-	INV	G5	S3
<i>Iris verna var. smalliana</i>	dwarf iris	-	INV	G5T4T5	S2
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G5T3	S3
<i>Luzula acuminata var. carolinae</i>	wood-rush	-	INV	G5T4T5	S2
<i>Marshallia caespitosa var. caespitosa</i>	Barbara's buttons	-	INV	G4T4	S2

Montgomery County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	-	INV	G5	S1S3
<i>Paronychia virginica</i>	yellow nailwort	-	INV	G4	S2
<i>Platanthera flava</i>	southern tubercled orchid	-	ST	G4?	S2S3
<i>Polymnia cossatotensis</i>	Cossatot leafcup	-	INV	G1	S1
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Quercus acerifolia</i>	maple-leaf oak	-	ST	G1	S1
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Selaginella arenicola ssp. riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Sium suave</i>	water-parsnip	-	INV	G5	S1S3
<i>Solidago ouachitensis</i>	Ouachita goldenrod	-	INV	G3	S3
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus ssp. obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Streptanthus squamiformis</i>	Ouachita twistflower	-	ST	G2	S2
<i>Tradescantia longipes</i>	dwarf spiderwort	-	INV	G4	S2
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	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>Veratrum woodii</i>	false hellebore	-	INV	G5	S3
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Vitis rupestris</i>	sand grape	-	INV	G3	SNR
Special Elements-Natural Communities					
Ouachita Mountain Forested Seep		-	INV	GNR	SNR
Ozark-Ouachita Shortleaf Pine-Oak Forest		-	INV	GNR	SNR
Upland Headwater Stream-Ouachita Mountains		-	INV	GNR	SNR
Upland Stream-Ouachita Mountains		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

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Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Bouchardina robisoni</i>	a crayfish	-	INV	G2	S1
<i>Caecidotea foxi</i>	an isopod	-	INV	GNR	S1
<i>Caecidotea obtusa</i>	an isopod	-	INV	GNR	S1
<i>Cicindela formosa pigmentosignata</i>	big sand tiger beetle	-	INV	G5T5	S2S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	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>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Alosa alabamae</i>	Alabama shad	-	INV	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>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Micrurus tener tener</i>	Texas coral snake	-	INV	G5T5	S2
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
Plants-Vascular					
<i>Aristida desmantha</i>	curly three-awn	-	INV	G5	S1
<i>Aristida lanosa</i>	woolly three-awn	-	INV	G5	S2
<i>Astragalus leptocarpus</i>	slim-pod milk-vetch	-	INV	G5	S2
<i>Astragalus soxmaniorum</i>	Soxman's milk-vetch	-	INV	G3	S2
<i>Bulbostylis ciliatifolia var. coarctata</i>	hairsedge	-	INV	G5T3T5	S1S2
<i>Carex leptalea</i>	sedge	-	INV	G5	S2S3
<i>Coreopsis basalis</i>	tickseed	-	INV	G5	S2
<i>Croton michauxii</i>	narrow-leaf rushfoil	-	INV	G5	S1S2
<i>Cyperus grayoides</i>	flatsedge	-	INV	G3	S1
<i>Cyperus hystricinus</i>	bristly flatsedge	-	INV	G4	S2S3
<i>Cyripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Danthonia sericea</i>	downy oat grass	-	INV	G5?	S1
<i>Delphinium carolinianum ssp. vimineum</i>	pinewoods larkspur	-	INV	G5T5	S2

Nevada County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Diaperia candida</i>	silver rabbit-tobacco	-	INV	G3G5	S1S2
<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eriogonum multiflorum</i> var. <i>multiflorum</i>	wild buckwheat	-	INV	G5T3T5	S3
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Halesia diptera</i>	two-wing silverbell	-	SE	G5	SH
<i>Hymenopappus artemisiifolius</i> var. <i>artemisiifolius</i>	woolly-white	-	INV	G5T4	SNR
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Oenothera heterophylla</i> ssp. <i>orientalis</i>	evening-primrose	-	INV	G4T1T2	S1S2
<i>Panicum rigidulum</i> ssp. <i>pubescens</i>	red-top panic grass	-	INV	G5T5?	SNR
<i>Pediomelum hypogaeum</i> var. <i>subulatum</i>	buried Indian-breadroot	-	SE	G5T4	S1
<i>Penstemon murrayanus</i>	scarlet beardtongue	-	ST	G4	S2
<i>Phacelia strictiflora</i> var. <i>robbinsii</i>	Robbins' prairie scorpion-weed	-	INV	G5T4	S1S2
<i>Polanisia erosa</i> ssp. <i>erosa</i>	clammy-weed	-	INV	G5T5	S1S2
<i>Pseudolycopodiella caroliniana</i>	slender bog club-moss	-	INV	G5T4	S1
<i>Quercus arkansana</i>	Arkansas oak	-	INV	G3	S3
<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	white water crowfoot	-	INV	GNR	S2S3
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Smilax walteri</i>	red-berried greenbrier	-	INV	G5	S2S3
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Streptanthus hyacinthoides</i>	sandhill twistflower	-	ST	G4	S2
<i>Stylisma pickeringii</i> var. <i>pattersonii</i>	Patterson's dawnflower	-	INV	G4T4	S2
<i>Styphnolobium affine</i>	Eve's necklace	-	INV	G4	S2S3
<i>Tradescantia reverchonii</i>	Reverchon's spiderwort	-	INV	G4	S3
<i>Trifolium bejariense</i>	Bejar clover	-	INV	G4	SH
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Vulpia sciurea</i>	squirrel-tail six-weeks grass	-	INV	G5	SNR

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

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Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Alasmidonta viridis</i>	slippershell mussel	-	INV	G4G5	S1
<i>Arrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S2
<i>Caecidotea macropropoda</i>	bat cave isopod	-	INV	G2G3	S2
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Cambarus causeyi</i>	a crayfish	-	INV	G2	S1
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4G5	S2
<i>Crosbyella distincta</i>	a cave obligate harvestman	-	INV	G1G2	S1
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Dendrocoelopsis americana</i>	a cave obligate planarian	-	INV	G2G3	S1
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Heterosternuta phoebeae</i>	a predaceous diving beetle	-	INV	G2	S2
<i>Heterosternuta sulphuria</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Pseudactium ursum</i>	Ozark pseudactium	-	INV	GNR	S1
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Scaphinotus inflectus</i>	a ground beetle	-	INV	GNR	S1
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S2
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Trigenotyla parca</i>	a cave obligate millipede	-	INV	G1G2	S1
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Accipiter striatus</i>	Sharp-shinned Hawk	-	INV	G5	S1S2B
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	INV	G4T1	S1
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<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>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<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

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Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
Plants-Vascular					
<i>Abutilon fruticosum</i>	Texas Indian-mallow	-	INV	G4G5	S1S2
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Anemone acutiloba</i>	sharp-lobe hepatica	-	INV	G5T5	S1S2
<i>Blephilia hirsuta</i>	hairy woodmint	-	INV	G5?	SNR
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex hirtifolia</i>	sedge	-	INV	G5	S3
<i>Carex hitchcockiana</i>	Hitchcock's sedge	-	INV	G5	S1S2
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Cerastium velutinum var. velutinum</i>	field mouse-ear chickweed	-	INV	G5T4?	SNR
<i>Collinsia verna</i>	blue-eyed Mary	-	INV	G5	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Geum virginianum</i>	cream avens	-	INV	G5	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 fir-moss	-	INV	G5	S2S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Lilium superbum</i>	Turk's-cap lily	-	INV	G5	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Muhlenbergia bushii</i>	nodding muhly	-	INV	G5	S2
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Neviusia alabamensis</i>	Alabama snow-wreath	-	ST	G2	S1S2
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	-	INV	G5	S1S3
<i>Phacelia gilioides</i>	scorpion-weed	-	INV	G5	S2S3
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Physalis missouriensis</i>	Missouri ground-cherry	-	INV	G5?	SNR
<i>Primula frenchii</i>	French's shooting-star	-	ST	G3	S2
<i>Prosartes lanuginosa</i>	yellow mandarin	-	INV	G5	S2
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Smilax ecirrhata</i>	carrion-flower	-	INV	G5?	SH
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Symphotrichum sericeum</i>	silvery aster	-	INV	G5	S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3T3	S3
<i>Veratrum woodii</i>	false hellebore	-	INV	G5	S3
<i>Viola canadensis var. canadensis</i>	Canadian white violet	-	INV	G5T5	S2

Newton County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Special Elements-Natural Communities					
Central Interior Highlands & Appalachian Sinkhole & Depression Pond		-	INV	GNR	SNR
Ozark-Ouachita Mesic Hardwood Forest		-	INV	GNR	SNR
Upland Headwater Stream-Ozark Mountains		-	INV	GNR	SNR
Upland River-Ozark Mountains		-	INV	GNR	SNR
Upland Stream-Ozark Mountains		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	INV	G1	S1
<i>Caecidotea foxi</i>	an isopod	-	INV	GNR	S1
<i>Cicindela formosa pigmentosignata</i>	big sand tiger beetle	-	INV	G5T5	S2S3
<i>Cumberlandia monodonta</i>	spectaclecase	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 cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	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	G3	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Acipenser fulvescens</i>	lake sturgeon	-	INV	G3G4	S1
<i>Alosa alabamae</i>	Alabama shad	-	INV	G3	S1S2
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>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
Plants-Vascular					
<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	G5	S2S3
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Aristida lanosa</i>	woolly three-awn	-	INV	G5	S2
<i>Astragalus leptocarpus</i>	slim-pod milk-vetch	-	INV	G5	S2

Ouachita County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Astragalus soxmaniorum</i>	Soxman's milk-vetch	-	INV	G3	S2
<i>Bolboschoenus robustus</i>	salt-marsh bulrush	-	INV	G5	S1
<i>Bulbostylis ciliatifolia</i> var. <i>coarctata</i>	hairsedge	-	INV	G5T3T5	S1S2
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Coelorachis rugosa</i>	wrinkled joint-tail	-	INV	G5	S2
<i>Coreopsis basalis</i>	tickseed	-	INV	G5	S2
<i>Croton michauxii</i>	narrow-leaf rushfoil	-	INV	G5	S1S2
<i>Cyperus grayoides</i>	flatsedge	-	INV	G3	S1
<i>Cyperus hystrixinus</i>	bristly flatsedge	-	INV	G4	S2S3
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Danthonia sericea</i>	downy oat grass	-	INV	G5?	S1
<i>Delphinium carolinianum</i> ssp. <i>vimineum</i>	pinewoods larkspur	-	INV	G5T5	S2
<i>Diaperia candida</i>	silver rabbit-tobacco	-	INV	G3G5	S1S2
<i>Diaperia verna</i> var. <i>verna</i>	rabbit-tobacco	-	INV	GNR	SNR
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eriogonum multiflorum</i> var. <i>multiflorum</i>	wild buckwheat	-	INV	G5T3T5	S3
<i>Ipomoea cordatotriloba</i> var. <i>cordatotriloba</i>	tie-vine morning-glory	-	INV	G5T5	S1
<i>Leersia hexandra</i>	southern cut grass	-	INV	G5	S1
<i>Nuttallanthus canadensis</i>	blue toadflax	-	INV	G5	S1S2
<i>Oenothera heterophylla</i> ssp. <i>orientalis</i>	evening-primrose	-	INV	G4T1T2	S1S2
<i>Paspalum boscianum</i>	bull paspalum	-	INV	G5	S1
<i>Penstemon murrayanus</i>	scarlet beardtongue	-	ST	G4	S2
<i>Phacelia strictiflora</i> var. <i>robbinsii</i>	Robbins' prairie scorpion-weed	-	INV	G5T4	S1S2
<i>Phemeranthus rugospermus</i>	rough-seed fameflower	-	INV	G3G4	S1
<i>Polanisia erosa</i> ssp. <i>erosa</i>	clammy-weed	-	INV	G5T5	S1S2
<i>Quercus arkansana</i>	Arkansas oak	-	INV	G3	S3
<i>Quercus hemisphaerica</i>	Darlington's oak	-	INV	G5	S1S2
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Smilax walteri</i>	red-berried greenbrier	-	INV	G5	S2S3
<i>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>	sandhill twistflower	-	ST	G4	S2
<i>Stylisma pickeringii</i> var. <i>pattersonii</i>	Patterson's dawnflower	-	INV	G4T4	S2
<i>Tradescantia reverchonii</i>	Reverchon's spiderwort	-	INV	G4	S3
<i>Viburnum dentatum</i> var. <i>scabrellum</i>	southern arrow-wood	-	INV	GNR	SNR
Special Elements-Natural Communities					
West Gulf Coastal Plain Sandhill Oak & Shortleaf Pine Forest & Woodland		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alloperla caddo</i>	Caddo sallfly	-	INV	G1G2	S1
<i>Caecidotea holti</i>	an isopod	-	INV	GNR	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Leptodea leptodon</i>	scaleshell	LE	INV	G1G2	S1
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Ochrotrichia robisoni</i>	a microcaddisfly	-	INV	G1G3	S1
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Crotalus atrox</i>	western diamondback rattlesnake	-	INV	G5	S2
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hemidactylium scutatum</i>	four-toed salamander	-	INV	G5	S3
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	INV	G3	S2
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5T5	S2
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
Plants-Vascular					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Bergia texana</i>	Texas bergia	-	INV	G5	S2
<i>Calamovilfa arcuata</i>	Cumberland sand-reed	-	INV	G2	S1
<i>Carex pensylvanica</i>	Pennsylvania 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>Helianthus occidentalis ssp. plantagineus</i>	plantain-leaf sunflower	-	INV	G5T2T3	S1
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G5T3	S3

Perry County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Marshallia caespitosa</i> var. <i>signata</i>	Barbara's buttons	-	INV	G4T4	S1
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Uvularia perfoliata</i>	perfoliate bellwort	-	INV	G5	S3
<i>Woodsia appalachiana</i>	Appalachian cliff fern	-	INV	G4	S1
<i>Xyris difformis</i> var. <i>difformis</i>	yellow-eyed-grass	-	INV	G5T5	S2
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Lirceus louisianae</i>	an isopod	-	INV	GNR	S1
<i>Lucanus 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
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
Animals-Vertebrates					
<i>Acipenser fulvescens</i>	lake sturgeon	-	INV	G3G4	S1
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Noturus flavus</i>	stonecat	-	INV	G5	S1
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Scaphirhynchus albus</i>	pallid sturgeon	LE	INV	G2	S1
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
Plants-Vascular					
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Obolaria virginica</i>	Virginia pennywort	-	INV	G5	S2
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	-	INV	G5	S1S3
<i>Schisandra glabra</i>	bay star-vine	-	INV	G3	S2S3
<i>Zannichellia palustris</i>	horned-pondweed	-	INV	G5	S2S3
Special Elements-Natural Communities					
Mississippi River Riparian Forest		-	INV	GNR	SNR
Southern Crowley's Ridge Mesic Loess Slope Forest		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Alasmidonta viridis</i>	slippershell mussel	-	INV	G4G5	S1
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Fallicambarus harpi</i>	a crayfish	-	INV	G2	S1
<i>Fallicambarus jeanae</i>	a crayfish	-	INV	G2	S2
<i>Fallicambarus strawni</i>	a crayfish	-	INV	G1G2	S1
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	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>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<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>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	-	INV	G2	S2
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
Plants-Vascular					
<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 sedge	-	INV	G5	S1
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Carex pennsylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex timida</i>	sedge	-	INV	G2G3	S2S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4

Pike 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>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Deschampsia flexuosa</i>	wavy hair grass	-	INV	G5	S2S3
<i>Galium arkansanum var. pubiflorum</i>	hairy-flower Arkansas bedstraw	-	INV	GNR	S2
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Ilex longipes</i>	Georgia holly	-	INV	G5	S3
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G5T3	S3
<i>Luzula acuminata var. carolinae</i>	wood-rush	-	INV	G5T4T5	S2
<i>Lycopodiella prostrata</i>	prostrate bog club-moss	-	INV	G5	S1
<i>Pseudolycopodiella caroliniana</i>	slender bog club-moss	-	INV	G5T4	S1
<i>Selaginella arenicola ssp. riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Solidago ouachitensis</i>	Ouachita goldenrod	-	INV	G3	S3
<i>Streptanthus maculatus ssp. obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Streptanthus squamiformis</i>	Ouachita twistflower	-	ST	G2	S2
Special Elements-Natural Communities					
West Gulf Coastal Plain Seepage Swamp and Baygall		-	INV	GNR	SNR
Special Elements-Other					
Geological feature		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Ligumia recta</i>	black sandshell	-	INV	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>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<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
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Carphophis amoenus helenae</i>	midwest worm snake	-	INV	G5T5	S2
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Deirochelys reticularia miaria</i>	western chicken turtle	-	INV	G5T5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>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
Plants-Vascular					
<i>Carex muskingumensis</i>	palm sedge	-	INV	G4	S1
<i>Carex opaca</i>	sedge	-	SE	G5T4	S2S3
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Abacion wilhelminae</i>	a millipede	-	INV	GNR	S1
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Caecidotea fonticulus</i>	an isopod	-	INV	GNR	S1
<i>Caecidotea oculata</i>	an isopod	-	INV	G2G3	S1
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Dendrocoelopsis americana</i>	a cave obligate planarian	-	INV	G2G3	S1
<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>Lirceus ouachitaensis</i>	an isopod	-	INV	GNR	S1
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	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>Ptychobranthus 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>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Stenotrema pilsbryi</i>	Rich Mountain slitmouth	-	INV	G2	S2
<i>Stenotrema unciferum</i>	Ouachita slitmouth	-	INV	G2	SNR
<i>Stygobromus montanus</i>	Mountain Cave Amphipod	-	INV	G1G2	S1?
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<i>Zealeuctra wachita</i>	Ouachita needlefly	-	INV	G2	S1
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Crotalus atrox</i>	western diamondback rattlesnake	-	INV	G5	S2
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Dendroica cerulea</i>	Cerulean Warbler	-	INV	G4	S4B
<i>Dendroica virens</i>	Black-throated Green Warbler	-	INV	G5	S2B,S5N
<i>Etheostoma pallidiorum</i>	paleback darter	-	INV	G2	S2
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Hemidactylium scutatum</i>	four-toed salamander	-	INV	G5	S3
<i>Lampropeltis triangulum amaura</i>	Louisiana milk snake	-	INV	G5T4	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?

Polk County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<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>Plestiodon obtusirostris</i>	southern prairie skink	-	INV	G5	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	-	INV	G2	S2
<i>Plethodon fourchensis</i>	Fourche Mountain salamander	-	INV	G2Q	S2
<i>Plethodon kiamichi</i>	Kiamichi slimy salamander	-	INV	G2	S1
<i>Plethodon ouachitae</i>	Rich Mountain salamander	-	INV	G2G3	S2
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5T5	S2
<i>Sonora semiannulata</i>	ground snake	-	INV	G5	SNR
<i>Sorex longirostris</i>	southeastern shrew	-	INV	G5	S2
Plants-Vascular					
<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	G5	S2S3
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Astragalus crassicaarpus var. crassicaarpus</i>	ground-plum	-	INV	G5T5	S2
<i>Calamagrostis porteri ssp. insperata</i>	Porter's reed grass	-	SE	G4T3	SH
<i>Cardamine angustata</i>	slender toothwort	-	INV	G5	S2
<i>Cardamine dissecta</i>	fork-leaf toothwort	-	INV	G4?	S1
<i>Carex comosa</i>	bottle-brush sedge	-	INV	G5	S1S2
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3	S2
<i>Carex hitchcockiana</i>	Hitchcock's sedge	-	INV	G5	S1S2
<i>Carex laevivaginata</i>	sedge	-	INV	G5	S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Carex normalis</i>	sedge	-	INV	G5	S1
<i>Carex pennsylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Carex scoparia var. scoparia</i>	sedge	-	INV	G5T5	S1S2
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex timida</i>	sedge	-	INV	G2G3	S2S3
<i>Castanea pumila var. 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 delphinium	-	INV	G3	S3
<i>Deschampsia flexuosa</i>	wavy hair grass	-	INV	G5	S2S3
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dryopteris celsa</i>	log fern	-	INV	G4	S2
<i>Dryopteris x australis</i>	Dixie wood fern	-	INV	GNA	S1
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Elymus glaucus ssp. mackenzii</i>		-	INV	GNR	S1
<i>Euphorbia sp. nov.</i>	spurge	-	INV	GNR	SNR
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Galium arkansanum var. pubiflorum</i>	hairy-flower Arkansas bedstraw	-	INV	GNR	S2
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3

Polk County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Ilex longipes</i>	Georgia holly	-	INV	G5	S3
<i>Iris verna var. smalliana</i>	dwarf iris	-	INV	G5T4T5	S2
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G5T3	S3
<i>Luzula acuminata var. carolinae</i>	wood-rush	-	INV	G5T4T5	S2
<i>Polymnia cossatotensis</i>	Cossatot leafcup	-	INV	G1	S1
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Quercus acerifolia</i>	maple-leaf oak	-	ST	G1	S1
<i>Ribes cynosbati</i>	prickly gooseberry	-	INV	G5	S2S3
<i>Rosa foliolosa</i>	white prairie rose	-	INV	G5	S2
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Scirpus polyphyllus</i>	leafy bulrush	-	INV	G5	S2
<i>Solidago ouachitensis</i>	Ouachita goldenrod	-	INV	G3	S3
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Streptanthus maculatus ssp. obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Streptanthus squamiformis</i>	Ouachita twistflower	-	ST	G2	S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Trillium ozarkanum</i>	Ozark 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>Veratrum woodii</i>	false hellebore	-	INV	G5	S3
<i>Verbesina walteri</i>	rayless crownbeard	-	INV	G4	S1
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Xyris difformis var. difformis</i>	yellow-eyed-grass	-	INV	G5T5	S2

Special Elements-Natural Communities

Ouachita Montane Oak Forest	-	INV	GNR	SNR
Ouachita Mountain Forested Seep	-	INV	GNR	SNR
Ozark-Ouachita Mesic Hardwood Forest	-	INV	GNR	SNR
Ozark-Ouachita Shortleaf Pine-Oak Forest	-	INV	GNR	SNR
Upland Headwater Stream-Ouachita Mountains	-	INV	GNR	SNR
Upland Stream-Ouachita Mountains	-	INV	GNR	SNR
Xeric Shortleaf Pine-Oak Woodland	-	INV	GNR	S3

Special Elements-Other

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Arrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Cambarus causeyi</i>	a crayfish	-	INV	G2	S1
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4G5	S2
<i>Crangonyx aka</i>	an amphipod	-	INV	G1	S1?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Scaphinotus inflectus</i>	a ground beetle	-	INV	GNR	S1
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Accipiter striatus</i>	Sharp-shinned Hawk	-	INV	G5	S1S2B
<i>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>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Notropis girardi</i>	Arkansas River shiner	LT	INV	G2	SX
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pandion haliaetus</i>	Osprey	-	INV	G5	S1B,S4N
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5T5	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
Plants-Vascular					
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3

Pope 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>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Claytonia caroliniana</i>	Carolina spring-beauty	-	INV	G5	SU
<i>Crataegus macrocarpa</i>	fan-leaf hawthorn	-	INV	G5	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eriocaulon koermickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Euphorbia hexagona</i>	six-angle spurge	-	INV	G5	S2
<i>Helianthus occidentalis</i> ssp. <i>plantagineus</i>	plantain-leaf sunflower	-	INV	G5T2T3	S1
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Hydrocotyle americana</i>	marsh pennywort	-	INV	G5	SH
<i>Lilium superbum</i>	Turk's-cap lily	-	INV	G5	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Neviusia alabamensis</i>	Alabama snow-wreath	-	ST	G2	S1S2
<i>Osmunda claytoniana</i>	interrupted fern	-	ST	G5	S1
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	-	INV	G5	S1S2
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Utricularia subulata</i>	zigzag bladderwort	-	INV	G5	S2
Special Elements-Natural Communities					
Arkansas Valley Prairie and Woodland		-	INV	GNR	SNR
Central Interior Highlands & Appalachian Sinkhole & Depression Pond		-	INV	GNR	SNR
Central Interior Highlands Dry Acidic Glade and Barrens		-	INV	GNR	SNR
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
Sandstone Glade/Outcrop		-	INV	GNR	S4
South-Central Interior Large Floodplain		-	INV	GNR	SNR
Upland Stream-Ozark Mountains		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Gryllotalpa major</i>	prairie mole cricket	-	INV	G3	S1S2
<i>Lampsilis abrupta</i>	pink mucket	LE	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 apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Tetraopes quinque maculatus</i>	a red milkweed beetle	-	INV	GNR	S1S2
Animals-Vertebrates					
<i>Acipenser fulvescens</i>	lake sturgeon	-	INV	G3G4	S1
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Asio flammeus</i>	Short-eared Owl	-	INV	G5	S3N
<i>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
Plants-Vascular					
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G4?	S2
<i>Carex normalis</i>	sedge	-	INV	G5	S1
<i>Carex opaca</i>	sedge	-	SE	G5T4	S2S3
<i>Coelorachis rugosa</i>	wrinkled joint-tail	-	INV	G5	S2
<i>Crataegus x canescens</i>	Stern's medlar	-	INV	G1	S1
<i>Cuscuta glomerata</i>	rope dodder	-	INV	G5	S1
<i>Dichanthelium dichotomum ssp. roanokense</i>	forked rosette grass	-	INV	GNR	S1
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Hypericum adpressum</i>	creeping St. John's-wort	-	INV	G3	S1
<i>Koeleria macrantha</i>	prairie June grass	-	INV	G5	S2
<i>Muhlenbergia glabriflora</i>	inland muhly	-	INV	G4?	S1
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Paspalum boscianum</i>	bull paspalum	-	INV	G5	S1

Prairie County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Prenanthes aspera</i>	rough rattlesnake-root	-	INV	G4?	S2S3
<i>Prunus pumila var. susquehanae</i>	sand cherry	-	ST	G5T4	S1
<i>Sabatia campanulata</i>	slender rose-gentian	-	SE	G5	S1
<i>Solidago juncea</i>	early goldenrod	-	INV	G5	S1
<i>Solidago speciosa var. rigidiuscula</i>	showy goldenrod	-	INV	G5T4	S2S3
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Spiraea tomentosa</i>	hardhack	-	INV	G5	S2
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3

Special Elements-Natural Communities

Lower Mississippi Alluvial Plain Grand Prairie	-	INV	GNR	SNR
Lower Mississippi River Bottomland Depression	-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Arianops copelandi</i>	Copeland's mold beetle	-	INV	GNR	S1
<i>Dryobius sexnotatus</i>	six-banded longhorn beetle	-	INV	GNR	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<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
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
Animals-Vertebrates					
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	-	INV	G5	S1
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Crotalus atrox</i>	western diamondback rattlesnake	-	INV	G5	S2
<i>Crotaphytus collaris</i>	eastern collared lizard	-	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>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Nerodia cyclopion</i>	Mississippi green water snake	-	INV	G5	S3
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	INV	G3	S2
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<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	G5T5	S2
<i>Rallus elegans</i>	King Rail	-	INV	G4	S1B,S3N
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
Plants-Vascular					
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Callirhoe alcaeoides</i>	plains poppy-mallow	-	INV	G5?	S1?
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Carex arkansana</i>	Arkansas sedge	-	INV	G4	S1
<i>Carex bromoides ssp. bromoides</i>	brome sedge	-	INV	G5T5	S2
<i>Carex bullata</i>	sedge	-	INV	G5	S1
<i>Carex comosa</i>	bottle-brush sedge	-	INV	G5	S1S2
<i>Carex decomposita</i>	cypress-knee 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>Crassula aquatica</i>	water pygmyweed	-	INV	G5	S1S3
<i>Crataegus macrosperma</i>	fan-leaf hawthorn	-	INV	G5	S1

Pulaski County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Cuscuta obtusiflora</i> var. <i>glandulosa</i>	glandular dodder	-	INV	G5T4T5	SU
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Eustoma exaltatum</i>	catchfly prairie-gentian	-	INV	G5	S2
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Heliotropium convolvulaceum</i>	phlox heliotrope	-	INV	G5	S2
<i>Hexalectris spicata</i> var. <i>spicata</i>	crested-coralroot	-	INV	G5T4T5	S2
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G5T3	S3
<i>Marshallia caespitosa</i> var. <i>signata</i>	Barbara's buttons	-	INV	G4T4	S1
<i>Micranthes virginiensis</i>	early saxifrage	-	INV	G5	S1S2
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Panicum rigidulum</i> ssp. <i>pubescens</i>	red-top panic grass	-	INV	G5T5?	SNR
<i>Penstemon cobaea</i>	purple beardtongue	-	INV	G4	S3
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Platanthera flava</i>	southern tubercled orchid	-	ST	G4?	S2S3
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Prenanthes crepidinea</i>	nodding rattlesnake-root	-	INV	G4	S2
<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	white water crowfoot	-	INV	GNR	S2S3
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Rhynchospora colorata</i>	white-top sedge	-	SE	G5	S1
<i>Sabatia campanulata</i>	slender rose-gentian	-	SE	G5	S1
<i>Schoenoplectus californicus</i>	California bulrush	-	INV	G5	S1S2
<i>Spiraea tomentosa</i>	hardhack	-	INV	G5	S2
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Thalictrum arkansanum</i>	Arkansas meadow-rue	-	ST	G2Q	S2
<i>Tradescantia longipes</i>	dwarf spiderwort	-	INV	G4	S2
<i>Tradescantia paludosa</i>	confederate spiderwort	-	INV	G4?Q	S1S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Trifolium stoloniferum</i>	running buffalo clover	LE	INV	G3	SH
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3T3	S3
<i>Utricularia macrorhiza</i>	greater bladderwort	-	INV	G5	SH
<i>Vicia ludoviciana</i> ssp. <i>ludoviciana</i>	deer pea vetch	-	INV	G5TNR	SH

Special Elements-Natural Communities

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

Special Elements-Other

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Bactrurus pseudomucronatus</i>	false sword-tailed cave amphipod	-	INV	G2G3	S1?
<i>Caecidotea brevicauda</i>	an isopod	-	INV	GNR	S1
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>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 cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	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	G3	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	S3
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Cistothorus platensis</i>	Sedge Wren	-	INV	G5	S1B,S4N
<i>Cryptobranhus alleganiensis bishopi</i>	Ozark hellbender	PE	INV	G3G4T2Q	S2
<i>Cyprinella spiloptera</i>	spotfin shiner	-	INV	G5	S1
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>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>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3

Randolph County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<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	G3G4	S1
Plants-Vascular					
<i>Carex suberecta</i>	sedge	-	INV	G4	S2
<i>Elymus riparius</i>	river-bank wild rye	-	INV	G5	SNR
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Orbexilum onobrychis</i>	french-grass	-	INV	G5	S1
<i>Phacelia gilioides</i>	scorpion-weed	-	INV	G5	S2S3
<i>Plantago cordata</i>	heart-leaf plantain	-	ST	G4	S2
<i>Pycnanthemum virginianum</i>	Virginia mountain-mint	-	INV	G5	S1S2
<i>Sium suave</i>	water-parsnip	-	INV	G5	S1S3

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Crangonyx aka</i>	an amphipod	-	INV	G1	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 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	S2
<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	G3	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
Animals-Vertebrates					
<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>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<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
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
Plants-Vascular					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Anthenantia texana</i>	Kral's silkscale	-	INV	G3G4	S3
<i>Calopogon tuberosus var. tuberosus</i>	tuberous grass-pink	-	INV	G5T5	S1
<i>Camassia angusta</i>	prairie wild hyacinth	-	INV	G5?Q	S2S3

Saline County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Cardamine douglassii</i>	purple cress	-	INV	G5	S1
<i>Carex atlantica ssp. atlantica</i>	sedge	-	INV	G5T4	S2
<i>Carex bullata</i>	sedge	-	INV	G5	S1
<i>Carex conjuncta</i>	sedge	-	INV	G4G5	S1
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3	S2
<i>Carex gigantea</i>	giant sedge	-	INV	G4	S1S2
<i>Carex laevivaginata</i>	sedge	-	INV	G5	S2
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Carex opaca</i>	sedge	-	SE	G5T4	S2S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex willdenowii</i>	Willdenow's sedge	-	INV	G5	S1
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Chelone glabra</i>	white turtlehead	-	INV	G5	S1
<i>Claytonia caroliniana</i>	Carolina spring-beauty	-	INV	G5	SU
<i>Cyperus haspan</i>	flatsedge	-	INV	G5	S2
<i>Cyperus hystericinus</i>	bristly flatsedge	-	INV	G4	S2S3
<i>Cyripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eleocharis equisetoides</i>	horsetail spike-rush	-	INV	G4	SH
<i>Eleocharis flavescens var. flavescens</i>	spike-rush	-	INV	G5T5	S1S2
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Euphorbia missurica</i>	Missouri spurge	-	INV	G5	S2
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Fuirena bushii</i>	Bush's umbrella sedge	-	INV	G5	S3
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Hypericum adpressum</i>	creeping St. John's-wort	-	INV	G3	S1
<i>Ilex verticillata</i>	winterberry	-	ST	G5	S2
<i>Iris verna var. smalliana</i>	dwarf iris	-	INV	G5T4T5	S2
<i>Juncus canadensis</i>	Canadian rush	-	INV	G5	S1
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G5T3	S3
<i>Lycopodiella prostrata</i>	prostrate bog club-moss	-	INV	G5	S1
<i>Muhlenbergia glabrifloris</i>	inland muhly	-	INV	G4?	S1
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Panicum rigidulum ssp. pubescens</i>	red-top panic grass	-	INV	G5T5?	SNR
<i>Paspalum bifidum</i>	pitchfork paspalum	-	INV	G5	SH
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Photinia melanocarpa</i>	black chokeberry	-	INV	G5	S1
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Platanthera x channellii</i>	Channell's fringed orchid	-	INV	GNA	S1
<i>Pogonia ophioglossoides</i>	rose pogonia	-	ST	G5	S2
<i>Prenanthes aspera</i>	rough rattlesnake-root	-	INV	G4?	S2S3
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Prenanthes crepidinea</i>	nodding rattlesnake-root	-	INV	G4	S2
<i>Rhynchospora gracilentia</i>	beaksedge	-	INV	G5	S2

Saline County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Rhynchospora rariflora</i>	few-flower beaksedge	-	ST	G5	S1S2
<i>Rhynchospora scirpoides</i>	beaksedge	-	INV	G4	S1
<i>Sabatia arkansana</i>	Pelton's rose-gentian	-	INV	G1	S1
<i>Sabatia campanulata</i>	slender rose-gentian	-	SE	G5	S1
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Scirpus polyphyllus</i>	leafy bulrush	-	INV	G5	S2
<i>Scleria muehlenbergii</i>	nut-rush	-	INV	G5	S1S2
<i>Scleria verticillata</i>	whorled nut-rush	-	ST	G5	S1
<i>Scutellaria cardiophylla</i>	heart-leaf skullcap	-	INV	G4?	S1S2
<i>Spiraea tomentosa</i>	hardhack	-	INV	G5	S2
<i>Spiranthes lacera</i> var. <i>lacera</i>	northern slender ladies'-tresses	-	INV	G5T5	S1
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Thalictrum arkansanum</i>	Arkansas meadow-rue	-	ST	G2Q	S2
<i>Tradescantia paludosa</i>	confederate spiderwort	-	INV	G4?Q	S1S2
<i>Triadenum virginicum</i>	Virginia marsh-St. John's-wort	-	INV	G5	S1
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Utricularia subulata</i>	zigzag bladderwort	-	INV	G5	S2
<i>Uvularia perfoliata</i>	perfoliate bellwort	-	INV	G5	S3
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<i>Valerianella palmeri</i>	Palmer's cornsalad	-	INV	G3	S3
<i>Veratrum woodii</i>	false hellebore	-	INV	G5	S3
<i>Xyris ambigua</i>	yellow-eyed-grass	-	INV	G5	S2S3
Special Elements-Natural Communities					
Ozark-Ouachita Shortleaf Pine-Oak Forest		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

Arkansas Natural Heritage Commission
Department of Arkansas Heritage
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Scott County

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Caecidotea montana</i>	an isopod	-	INV	GNR	S1
<i>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>Lirceus garmani</i>	an isopod	-	INV	GNR	S1
<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>Stenotrema unciferum</i>	Ouachita slitmouth	-	INV	G2	SNR
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<i>Zealeuctra wachita</i>	Ouachita needlefly	-	INV	G2	S1
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Desmognathus conanti</i>	spotted dusky salamander	-	INV	G5T5	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	INV	G3	S2
<i>Plestiodon obsoletus</i>	Great Plains skink	-	INV	G5	S1
<i>Plethodon fourchensis</i>	Fourche Mountain salamander	-	INV	G2Q	S2
<i>Plethodon ouachitae</i>	Rich Mountain salamander	-	INV	G2G3	S2
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Spilogale putorius</i>	eastern spotted skunk	-	INV	G5	S2S3
Plants-Vascular					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Calamovilfa arcuata</i>	Cumberland sand-reed	-	INV	G2	S1
<i>Carex pensylvanica</i>	Pennsylvania 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>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Iva angustifolia</i>	slender marsh-elder	-	INV	G5?	S1
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G5T3	S3
<i>Liatris scariosa var. nieuwlandii</i>	northern blazing-star	-	INV	G5?T3T5	S2?

Scott County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Veratrum woodii</i>	false hellebore	-	INV	G5	S3
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Vitis rupestris</i>	sand grape	-	INV	G3	SNR
<i>Xyris difformis</i> var. <i>difformis</i>	yellow-eyed-grass	-	INV	G5T5	S2
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

Arkansas Natural Heritage Commission
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Inventory Research Program
Searcy County

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Arrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S2
<i>Cambarus causeyi</i>	a crayfish	-	INV	G2	S1
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Daedalochila peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Heterosternuta phoebeae</i>	a predaceous diving beetle	-	INV	G2	S2
<i>Heterosternuta sulphuria</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lampsilis streckeri</i>	speckled pocketbook	LE	INV	G1Q	S1
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Patera clenchi</i>	Calico Rock oval	-	INV	G1	SNR
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	INV	G4T1	S1
<i>Erimystax harryi</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>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<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
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
Plants-Vascular					
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Carex radiata</i>	sedge	-	INV	G4	S1
<i>Carex sparganioides</i>	bur-reed 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>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3

Searcy County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Desmodium illinoense</i>	Illinois tick-trefoil	-	INV	G5	S2
<i>Fothergilla major</i>	witch-alder	-	INV	G3	S1
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Neviusia alabamensis</i>	Alabama snow-wreath	-	ST	G2	S1S2
<i>Penstemon cobaea</i>	purple beardtongue	-	INV	G4	S3
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Phlox amplifolia</i>	broad-leaf phlox	-	INV	G3G5	S1
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Ribes cynosbati</i>	prickly gooseberry	-	INV	G5	S2S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
Special Elements-Natural Communities					
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
Ozark-Ouachita Mesic Hardwood Forest		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>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
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Plestiodon obtusirostris</i>	southern prairie skink	-	INV	G5	S2
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5T5	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
Plants-Vascular					
<i>Androsace occidentalis</i>	rock-jasmine	-	INV	G5	S1
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G4?	S2
<i>Camassia angusta</i>	prairie wild hyacinth	-	INV	G5?Q	S2S3
<i>Carex gravida</i>	sedge	-	INV	G5	S2S3
<i>Carex opaca</i>	sedge	-	SE	G5T4	S2S3
<i>Cooperia drummondii</i>	rain-lily	-	INV	G5	S1S2
<i>Croton lindheimerianus var. lindheimerianus</i>	Lindheimer's croton	-	INV	G5TNR	S1
<i>Dalea lanata var. lanata</i>	woolly prairie-clover	-	INV	G5TNR	S2S3
<i>Diaperia verna var. verna</i>	rabbit-tobacco	-	INV	GNR	SNR
<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>Koeleria macrantha</i>	prairie June grass	-	INV	G5	S2
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G5T3	S3
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Minuartia drummondii</i>	Drummond's sandwort	-	INV	G5	S2S3

Sebastian County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Physalis pumila</i>	dwarf ground-cherry	-	INV	G5	SNR
<i>Plantago patagonica</i>	woolly plantain	-	INV	G5	SNR
<i>Prenanthes aspera</i>	rough rattlesnake-root	-	INV	G4?	S2S3
<i>Quercus acerifolia</i>	maple-leaf oak	-	ST	G1	S1
<i>Rhynchospora macrostachya</i>	horned beaksedge	-	INV	G4	S2
<i>Rudbeckia maxima</i>	great coneflower	-	INV	G4?	S3
<i>Solidago speciosa</i> var. <i>rigidiuscula</i>	showy goldenrod	-	INV	G5T4	S2S3
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
Special Elements-Natural Communities					
Arkansas Valley Prairie and Woodland		-	INV	GNR	SNR
Ozark-Ouachita Dry Oak Woodland		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>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>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lythrurus snelsoni</i>	Ouachita shiner	-	INV	G3	SNR
<i>Nerodia cyclopiion</i>	Mississippi green water snake	-	INV	G5	S3
<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>Phrynosoma cornutum</i>	Texas horned lizard	-	INV	G4G5	S2
<i>Plethodon sequoyah</i>	Sequoyah slimy salamander	-	INV	G2	S1
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Pteronotropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
Plants-Vascular					
<i>Astragalus crassicaarpus var. crassicaarpus</i>	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>Diaperia prolifera var. prolifera</i>	big-head rabbit-tobacco	-	INV	GNR	S1S3
<i>Distichlis spicata</i>	salt grass	-	INV	G5	S1
<i>Engelmannia peristenia</i>	Engelmann's daisy	-	INV	G5	S1

Sevier County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Lindheimeria texana</i>	Texas yellowstar	-	INV	G5	SH
<i>Lithospermum tuberosum</i>	tuberous puccoon	-	INV	G4	S2
<i>Penstemon cobaea</i>	purple beardtongue	-	INV	G4	S3
<i>Platanthera flava</i>	southern tubercled orchid	-	ST	G4?	S2S3
<i>Pyrrhopappus pauciflorus</i>	false dandelion	-	INV	G5	SNR
<i>Quercus sinuata</i>	Durand's white oak	-	ST	G4G5	S2
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Streptanthus squamiformis</i>	Ouachita twistflower	-	ST	G2	S2
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
Special Elements-Natural Communities					
Cypress Swamp		-	INV	GNR	S3
Lowland Meander Scar Lake		-	INV	GNR	SNR
West Gulf Coastal Plain Northern Calcareous Prairie		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Arrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Bactrurus speleopolis</i>	Cave City cave amphipod	-	INV	G1	S1
<i>Caecidotea brevicauda</i>	an isopod	-	INV	GNR	S1
<i>Crangonyx forbesi</i>	an amphipod	-	INV	G5	S1?
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Epioblasma triquetra</i>	snuffbox	-	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>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Simpsonaias ambigua</i>	salamander mussel	-	INV	G3	S1
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	S3
<i>Cemophora coccinea copei</i>	northern 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>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>Myotis grisescens</i>	gray myotis	LE	INV	G3	S2S3
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Notropis sabinae</i>	sabine shiner	-	INV	G4	S2?
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2

Sharp County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Plants-Vascular					
<i>Carex aggregata</i>	sedge	-	INV	G5	S1
<i>Carex conjuncta</i>	sedge	-	INV	G4G5	S1
<i>Carex davisii</i>	Davis' sedge	-	INV	G4	S3
<i>Carex gravida</i>	sedge	-	INV	G5	S2S3
<i>Carex interior</i>	sedge	-	INV	G5	S1
<i>Carex leptalea</i>	sedge	-	INV	G5	S2S3
<i>Carex normalis</i>	sedge	-	INV	G5	S1
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Carex suberecta</i>	sedge	-	INV	G4	S2
<i>Carex timida</i>	sedge	-	INV	G2G3	S2S3
<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Cyperus retrofractus</i>	rough flatsedge	-	INV	G5	S1?
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	-	INV	GNR	S1S3
<i>Erysimum capitatum</i> var. <i>capitatum</i>	western wallflower	-	INV	G5T5	S2
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Geum virginianum</i>	cream avens	-	INV	G5	S1
<i>Glyceria acutiflora</i>	creeping manna grass	-	INV	G5	S1
<i>Juncus subcaudatus</i>	woodland rush	-	INV	G5	S1
<i>Ludwigia microcarpa</i>	primrose-willow	-	INV	G5	S1
<i>Lysimachia hybrida</i>	lowland yellow-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>Pediomelum esculentum</i>	large Indian-breadroot	-	INV	G5	S2
<i>Penstemon cobaea</i>	purple beardtongue	-	INV	G4	S3
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Physaria filiformis</i>	Missouri bladderpod	LT	INV	G3	S1
<i>Plantago cordata</i>	heart-leaf plantain	-	ST	G4	S2
<i>Prenanthes crepidinea</i>	nodding rattlesnake-root	-	INV	G4	S2
<i>Pycnanthemum virginianum</i>	Virginia mountain-mint	-	INV	G5	S1S2
<i>Rhynchospora capillacea</i>	beaksedge	-	INV	G4	S2
<i>Scleria verticillata</i>	whorled nut-rush	-	ST	G5	S1
<i>Scutellaria bushii</i>	Bush's skullcap	-	ST	G3	S2
<i>Sida elliotii</i>	Elliott's sida	-	INV	G4G5	S2S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Sium suave</i>	water-parsnip	-	INV	G5	S1S3
<i>Solidago riddellii</i>	Riddell's goldenrod	-	ST	G5	S1
<i>Spiranthes lucida</i>	shining ladies'-tresses	-	INV	G5	S2
<i>Symphotrichum sericeum</i>	silvery aster	-	INV	G5	S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Vallisneria americana</i>	eel-grass	-	INV	G5	S1
<i>Vitis rupestris</i>	sand grape	-	INV	G3	SNR
Special Elements-Natural Communities					
Central Interior Highlands Calcareous Glade and Barrens		-	INV	GNR	SNR
Ozark-Ouachita Fen		-	INV	GNR	SNR
Spring-Ozark Mountains		-	INV	GNR	SNR
Upland Stream-Ozark Mountains		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
St. Francis County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Leptodea leptodon</i>	scaleshell	LE	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
Animals-Vertebrates					
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Desmognathus conanti</i>	spotted dusky salamander	-	INV	G5T5	S1
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Scaphirhynchus albus</i>	pallid sturgeon	LE	INV	G2	S1
Plants-Vascular					
<i>Carex normalis</i>	sedge	-	INV	G5	S1
<i>Carex opaca</i>	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>Paspalum boschianum</i>	bull paspalum	-	INV	G5	S1
<i>Platanthera flava</i>	southern tuberclad orchid	-	ST	G4?	S2S3
<i>Schisandra glabra</i>	bay star-vine	-	INV	G3	S2S3
<i>Sida elliotii</i>	Elliott's sida	-	INV	G4G5	S2S3
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
Special Elements-Natural Communities					
Lower Mississippi Alluvial Plain Grand Prairie		-	INV	GNR	SNR
Lower Mississippi River Flatwoods		-	INV	GNR	SNR
Southern Crowley's Ridge Mesic Loess Slope Forest		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Apochthonius titanicus</i>	a cave obligate pseudoscorpion	-	INV	G1G2	S1
<i>Arrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S2
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S2
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Cambarus causeyi</i>	a crayfish	-	INV	G2	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>Daedalochila peregrina</i>	white liptooth	-	INV	G2	SNR
<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>Ligidium elrodii</i>	an isopod	-	INV	G4G5	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Lirceus ouachitaensis</i>	an isopod	-	INV	GNR	S1
<i>Orconectes neglectus chaenodactylus</i>	ringed crayfish	-	INV	G5T3	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Rimulincola divalis</i>	a beetle	-	INV	G1	S1
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S2
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma moorei</i>	yellowcheek darter	C	INV	G1	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Eurycea tynerensis</i>	Oklahoma salamander	-	INV	G3	S3
<i>Geomys bursarius ozarkensis</i>	Ozark pocket gopher	-	INV	G5T1T3	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Lampetra appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3

Stone County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<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>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	-	INV	G2	S2
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Sorex longirostris</i>	southeastern shrew	-	INV	G5	S2
<i>Taxidea taxus</i>	American badger	-	INV	G5	S1S2
<i>Typhlichthys subterraneus</i>	southern cavefish	-	INV	G3G4	S1
Plants-Vascular					
<i>Anemone acutiloba</i>	sharp-lobe hepatica	-	INV	G5T5	S1S2
<i>Anemone quinquefolia</i> var. <i>quinquefolia</i>	wood anemone	-	INV	G5T4T5	S2
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Bromus nottowanus</i>	satin brome	-	INV	G3G5	S2
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex hirtifolia</i>	sedge	-	INV	G5	S3
<i>Carex laevivaginata</i>	sedge	-	INV	G5	S2
<i>Carex leptalea</i>	sedge	-	INV	G5	S2S3
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Carex timida</i>	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-flower tickseed	-	INV	G5T4?	S3
<i>Cypripedium reginae</i>	showy lady's-slipper	-	SE	G4	S1
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Dennstaedtia punctilobula</i>	hay-scented fern	-	INV	G5	S2
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dryopteris carthusiana</i>	spinulose wood fern	-	ST	G5	S1
<i>Echinacea paradoxa</i> var. <i>paradoxa</i>	yellow coneflower	-	ST	G2T2	S2
<i>Euonymus obovatus</i>	running strawberry-bush	-	INV	G5	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>Lysimachia hybrida</i>	lowland yellow-loosestrife	-	INV	G5	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Mitella diphylla</i>	miterwort	-	INV	G5	S2
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	-	INV	G5	S1S3
<i>Osmunda claytoniana</i>	interrupted fern	-	ST	G5	S1
<i>Penstemon cobaea</i>	purple beardtongue	-	INV	G4	S3
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Plantago cordata</i>	heart-leaf plantain	-	ST	G4	S2
<i>Prenanthes crepidinea</i>	nodding rattlesnake-root	-	INV	G4	S2
<i>Quercus prinoides</i>	dwarf chinquapin oak	-	INV	G5	SH
<i>Rhynchospora capillacea</i>	beaksedge	-	INV	G4	S2
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3

Stone County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	-	INV	G5	S1S2
<i>Spiranthes lucida</i>	shining ladies'-tresses	-	INV	G5	S2
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trillium flexipes</i>	white trillium	-	INV	G5	S1
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Veratrum latifolium</i>	bunchflower	-	INV	G5	SH
<i>Vitis rupestris</i>	sand grape	-	INV	G3	SNR
<i>Waldsteinia fragarioides</i>	barren-strawberry	-	INV	G5	S1
Special Elements-Natural Communities					
Central Interior Highlands Calcareous Glade and Barrens		-	INV	GNR	SNR
Central Interior Highlands Dry Acidic Glade and Barrens		-	INV	GNR	SNR
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
Ozark-Ouachita Fen		-	INV	GNR	SNR
Ozark-Ouachita Mesic Hardwood Forest		-	INV	GNR	SNR
Upland Stream-Ozark Mountains		-	INV	GNR	SNR
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela formosa pigmentosignata</i>	big sand tiger beetle	-	INV	G5T5	S2S3
<i>Fallicambarus petilicarpus</i>	a crayfish	-	INV	G1	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
Animals-Vertebrates					
<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>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Micrurus tener tener</i>	Texas coral snake	-	INV	G5T5	S2
<i>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
Plants-Vascular					
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Aristida lanosa</i>	woolly three-awn	-	INV	G5	S2
<i>Asimina parviflora</i>	dwarf pawpaw	-	INV	G5	S2S3
<i>Astragalus soxmaniorum</i>	Soxman's milk-vetch	-	INV	G3	S2
<i>Bolboschoenus robustus</i>	salt-marsh bulrush	-	INV	G5	S1
<i>Bulbostylis ciliatifolia var. coarctata</i>	hairsedge	-	INV	G5T3T5	S1S2
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3	S2
<i>Carex laevivaginata</i>	sedge	-	INV	G5	S2
<i>Carex leptalea</i>	sedge	-	INV	G5	S2S3
<i>Cladium jamaicense</i>	saw-grass	-	INV	G5T5	SH
<i>Cooperia drummondii</i>	rain-lily	-	INV	G5	S1S2
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Cyperus haspan</i>	flatsedge	-	INV	G5	S2
<i>Cyperus hystricinus</i>	bristly flatsedge	-	INV	G4	S2S3
<i>Decumaria barbara</i>	climbing hydrangea	-	INV	G5	S1
<i>Eleocharis equisetoides</i>	horsetail spike-rush	-	INV	G4	SH
<i>Eleocharis flavescens var. flavescens</i>	spike-rush	-	INV	G5T5	S1S2
<i>Eleocharis flavescens var. olivacea</i>	spike-rush	-	INV	G5	S1
<i>Eryngium integrifolium</i>	blue-flower eryngo	-	INV	G5	S2

Union County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Fuirena bushii</i>	Bush's umbrella sedge	-	INV	G5	S3
<i>Fuirena pumila</i>	umbrella sedge	-	INV	G4	SNR
<i>Fuirena squarrosa</i>	umbrella sedge	-	INV	G4G5	SNR
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Hibiscus coccineus</i>	brilliant hibiscus	-	INV	G4?	S1
<i>Hypericum apocynifolium</i>	dogbane St. John's-wort	-	INV	GNR	S1S2
<i>Ipomoea cordatotriloba</i> var. <i>cordatotriloba</i>	tie-vine morning-glory	-	INV	G5T5	S1
<i>Juncus canadensis</i>	Canadian rush	-	INV	G5	S1
<i>Krigia occidentalis</i>	western dwarf-dandelion	-	INV	G5	S3
<i>Mitreola sessilifolia</i>	swamp hornpod	-	INV	G4G5	S2
<i>Panicum hemitomon</i>	maiden-cane	-	INV	G5?	SNR
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Platanthera flava</i>	southern tubercled orchid	-	ST	G4?	S2S3
<i>Polygala nana</i>	candyroot	-	INV	G5	S2S3
<i>Pseudolycopodiella caroliniana</i>	slender 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>	great coneflower	-	INV	G4?	S3
<i>Schoenoplectus californicus</i>	California bulrush	-	INV	G5	S1S2
<i>Seymeria cassioides</i>	seymeria	-	INV	G5	S1
<i>Sisyrinchium sagittiferum</i>	blue-eyed-grass	-	INV	G4?	SH
<i>Smilax walteri</i>	red-berried greenbrier	-	INV	G5	S2S3
<i>Solidago patula</i> ssp. <i>strictula</i>	rough-leaf goldenrod	-	INV	G5T5	S1S2
<i>Spiranthes lacera</i> var. <i>lacera</i>	northern slender ladies'-tresses	-	INV	G5T5	S1
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Stylisma aquatica</i>	water dawnflower	-	INV	G4	S1S2
<i>Utricularia inflata</i>	swollen bladderwort	-	INV	G5	S1
<i>Xyris baldwiniana</i>	Baldwin's yellow-eyed-grass	-	ST	G5	S1
<i>Xyris difformis</i> var. <i>difformis</i>	yellow-eyed-grass	-	INV	G5T5	S2
Special Elements-Natural Communities					
Cattail Marsh		-	INV	GNR	S1S2
Lowland Oak-Hickory Forest		-	INV	GNR	S1
West Gulf Coastal Plain Seepage Swamp and Baygall		-	INV	GNR	SNR
Willow Oak Forest		-	INV	GNR	S2
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

**Arkansas Natural Heritage Commission
Department of Arkansas Heritage
Inventory Research Program
Van Buren County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Allocapnia oribata</i>	bowed snowfly	-	INV	G1	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4G5	S2
<i>Crangonyx aka</i>	an amphipod	-	INV	G1	S1?
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Heterosternuta sulphuria</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lampsilis streckeri</i>	speckled pocketbook	LE	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 cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Simpsonaias ambigua</i>	salamander mussel	-	INV	G3	S1
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	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
Animals-Vertebrates					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Cyprinella spiloptera</i>	spotfin shiner	-	INV	G5	S1
<i>Empidonax traillii</i>	Willow Flycatcher	-	INV	G5	S1B,S3N
<i>Erimystax haryi</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>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
Plants-Vascular					
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex hirtifolia</i>	sedge	-	INV	G5	S3
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4

Van Buren County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Claytonia caroliniana</i>	Carolina spring-beauty	-	INV	G5	SU
<i>Claytonia ozarkensis</i>	Ozark spring-beauty	-	INV	G1G3Q	S2
<i>Cuscuta coryli</i>	hazel dodder	-	INV	G5?	SU
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Dryopteris x leedsii</i>	Leed's wood fern	-	INV	GNA	S1
<i>Eriocaulon koermickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Paronychia virginica</i>	yellow nailwort	-	INV	G4	S2
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Scleria muehlenbergii</i>	nut-rush	-	INV	G5	S1S2
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	-	INV	G5	S1S2
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Symphotrichum sericeum</i>	silvery aster	-	INV	G5	S2
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Utricularia subulata</i>	zigzag bladderwort	-	INV	G5	S2
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Viola canadensis var. canadensis</i>	Canadian white violet	-	INV	G5T5	S2
Special Elements-Natural Communities					
Upland Stream-Ozark Mountains		-	INV	GNR	SNR
Special Elements-Other					
Geological feature		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Allocapnia jeanae</i>	a winter stonefly	-	INV	G2	S1?
<i>Allocapnia warreni</i>	a winter stonefly	-	INV	GH	SH
<i>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	S2
<i>Caecidotea macropropoda</i>	bat cave isopod	-	INV	G2G3	S2
<i>Caecidotea simulator</i>	a cave obligate isopod	-	INV	G2G3	S1
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>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	G4G5	S2
<i>Crosbyella roeweri</i>	a cave obligate harvestman	-	INV	G1G2	S1
<i>Dendrocoelopsis americana</i>	a cave obligate planarian	-	INV	G2G3	S1
<i>Gomphus ozarkensis</i>	Ozark clubtail dragonfly	-	INV	G4	S1
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Heterosternuta sulphurica</i>	Sulphur Springs 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>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	G3G4	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>Pseudosinella testa</i>	Shelled Cave Springtail	-	INV	G2G3	SNR
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	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>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S2
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	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
Animals-Vertebrates					
<i>Amblyopsis rosae</i>	Ozark cavefish	LT	INV	G3	S1
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3

Washington County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	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>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Cyprinella camura</i>	blunface shiner	-	INV	G5	SH
<i>Cyprinella spiloptera</i>	spotfin shiner	-	INV	G5	S1
<i>Etheostoma cragini</i>	Arkansas darter	C	INV	G3G4	S1
<i>Etheostoma microperca</i>	least darter	-	INV	G5	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Eurycea tynerenensis</i>	Oklahoma salamander	-	INV	G3	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>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>Notiosorex crawfordi</i>	Crawford's gray shrew	-	INV	G5	S2
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Phrynosoma cornutum</i>	Texas horned lizard	-	INV	G4G5	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Reithrodontomys montanus</i>	plains harvest mouse	-	INV	G5	S1
<i>Sorex longirostris</i>	southeastern shrew	-	INV	G5	S2
<i>Taxidea taxus</i>	American badger	-	INV	G5	S1S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
Plants-Vascular					
<i>Agalinis auriculata</i>	ear-leaf false foxglove	-	INV	G3	S1
<i>Androsace occidentalis</i>	rock-jasmine	-	INV	G5	S1
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Apocynum androsaemifolium</i>	spreading dogbane	-	INV	G5	SNR
<i>Arabis hirsuta var. adpressipilis</i>	hairy rockcress	-	INV	G5T4Q	S1?
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Artemisia ludoviciana ssp. mexicana</i>	white sagebrush	-	INV	G5T5?	SNR
<i>Asclepias incarnata ssp. incarnata</i>	swamp milkweed	-	INV	G5T5	S2
<i>Callirhoe alcaeoides</i>	plains poppy-mallow	-	INV	G5?	S1?
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Carex aggregata</i>	sedge	-	INV	G5	S1
<i>Carex arkansana</i>	Arkansas sedge	-	INV	G4	S1
<i>Carex davisii</i>	Davis' sedge	-	INV	G4	S3
<i>Carex fissa var. fissa</i>	hammock sedge	-	INV	G4?T3T4	S1
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Carex normalis</i>	sedge	-	INV	G5	S1
<i>Carex opaca</i>	sedge	-	SE	G5T4	S2S3
<i>Carex pellita</i>	sedge	-	INV	G5	S1S2
<i>Carex radiata</i>	sedge	-	INV	G4	S1
<i>Carex scoparia var. scoparia</i>	sedge	-	INV	G5T5	S1S2
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4

Washington County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Claytonia ozarkensis</i>	Ozark spring-beauty	-	INV	G1G3Q	S2
<i>Crataegus coccinioides</i>	Kansas hawthorn	-	INV	G4?	SH
<i>Cuscuta coryli</i>	hazel dodder	-	INV	G5?	SU
<i>Cuscuta glomerata</i>	rope dodder	-	INV	G5	S1
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Didiplis diandra</i>	water-purslane	-	INV	G5	S1S3
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eleocharis wolffii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Elymus riparius</i>	river-bank wild rye	-	INV	G5	SNR
<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>Hexalectris spicata var. spicata</i>	crested-coralroot	-	INV	G5T4T5	S2
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Koeleria macrantha</i>	prairie June grass	-	INV	G5	S2
<i>Limnodea arkansana</i>	Ozark grass	-	INV	G4?	SNR
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Mentzelia oligosperma</i>	stick-leaf	-	INV	G4	SH
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Minuartia drummondii</i>	Drummond's sandwort	-	INV	G5	S2S3
<i>Muhlenbergia glabrifloris</i>	inland muhly	-	INV	G4?	S1
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Paspalum boscianum</i>	bull paspalum	-	INV	G5	S1
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Phlox amplifolia</i>	broad-leaf phlox	-	INV	G3G5	S1
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Physalis missouriensis</i>	Missouri ground-cherry	-	INV	G5?	SNR
<i>Physalis pumila</i>	dwarf ground-cherry	-	INV	G5	SNR
<i>Physaria filiformis</i>	Missouri bladderpod	LT	INV	G3	S1
<i>Plantago patagonica</i>	woolly plantain	-	INV	G5	SNR
<i>Prenanthes crepidinea</i>	nodding rattlesnake-root	-	INV	G4	S2
<i>Pycnanthemum verticillatum</i>	Whorled Mountain-mint	-	INV	G5	S1
<i>Rhynchospora macrostachya</i>	horned beaksedge	-	INV	G4	S2
<i>Sagittaria rigida</i>	stiff arrowhead	-	INV	G5	SH
<i>Schedonnardus paniculatus</i>	tumble grass	-	INV	G5	S2
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	-	INV	G5	S1S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3T3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Viola pedatifida</i>	prairie violet	-	INV	G5	S2

Special Elements-Natural Communities

Ozark-Ouachita Dry Oak Woodland	-	INV	GNR	SNR
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Special Elements-Other

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

8/22/2010

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Allocrangonyx hubrichti</i>	Hubricht's long-tailed amphipod	-	INV	G2G3	S1?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
Animals-Vertebrates					
<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>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5T5	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
Plants-Vascular					
<i>Asclepias incarnata ssp. incarnata</i>	swamp milkweed	-	INV	G5T5	S2
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Dennstaedtia punctilobula</i>	hay-scented fern	-	INV	G5	S2
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	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 apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	INV	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
Animals-Vertebrates					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>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
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
Plants-Vascular					
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2
<i>Platanthera flava</i>	southern tuberclod orchid	-	ST	G4?	S2S3
Special Elements-Natural Communities					
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
Willow Oak Forest		-	INV	GNR	S2

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
Animals-Invertebrates					
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Patera clenchi</i>	Calico Rock oval	-	INV	G1	SNR
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Procambarus parasimulans</i>	a crayfish	-	INV	G4	S2
<i>Rimulincola divalis</i>	a beetle	-	INV	G1	S1
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
Animals-Vertebrates					
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	-	INV	G5	S1
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Desmognathus conanti</i>	spotted dusky salamander	-	INV	G5T5	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	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>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5T5	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Spea bombifrons</i>	plains spadefoot	-	INV	G5	S1
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	INV	G4T2Q	S2B
Plants-Vascular					
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Carex gigantea</i>	giant sedge	-	INV	G4	S1S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Castanea pumila var. ozarkensis</i>	Ozark chinquapin	-	INV	G5T3	S3S4
<i>Croton lindheimerianus var. lindheimerianus</i>	Lindheimer's croton	-	INV	G5TNR	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Didiplis diandra</i>	water-purslane	-	INV	G5	S1S3
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dryopteris carthusiana</i>	spinulose wood fern	-	ST	G5	S1
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3

Yell County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Heliotropium convolvulaceum</i>	phlox heliotrope	-	INV	G5	S2
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Krigia occidentalis</i>	western dwarf-dandelion	-	INV	G5	S3
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G5T3	S3
<i>Liatris scariosa var. nieuwlandii</i>	northern blazing-star	-	INV	G5?T3T5	S2?
<i>Plantago patagonica</i>	woolly plantain	-	INV	G5	SNR
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Solidago ouachitensis</i>	Ouachita goldenrod	-	INV	G3	S3
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus ssp. obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Tradescantia longipes</i>	dwarf spiderwort	-	INV	G4	S2
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Xyris difformis var. difformis</i>	yellow-eyed-grass	-	INV	G5T5	S2
Special Elements-Other					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR