



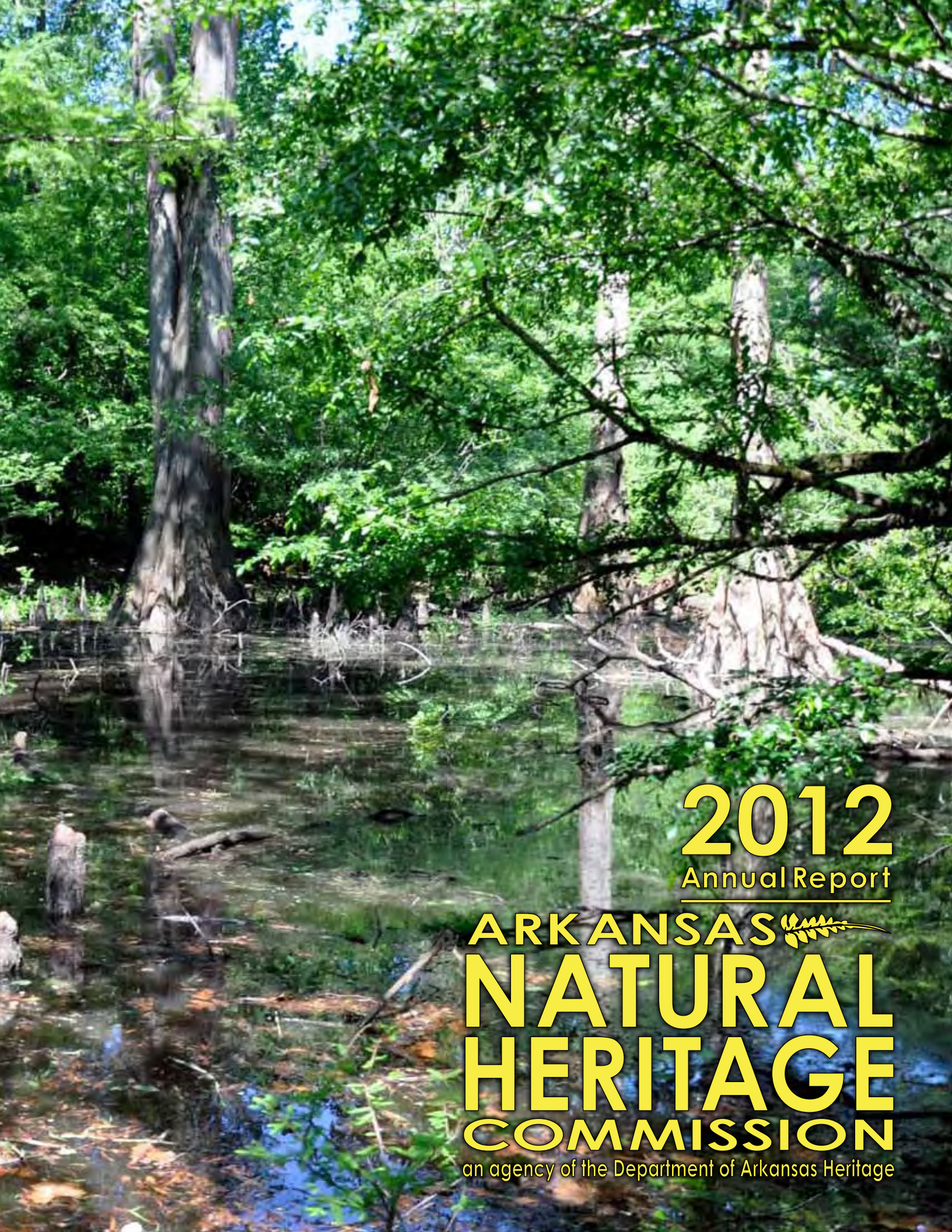
**ARKANSAS NATURAL HERITAGE COMMISSION**

**An Agency of the Department of Arkansas Heritage**

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**2012**  
Annual Report

**ARKANSAS**   
**NATURAL  
HERITAGE  
COMMISSION**

an agency of the Department of Arkansas Heritage

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Cover image: Longview Saline Natural Area

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## *Key to the abbreviations used in this report:*

*ADEQ - Arkansas Department of Environmental Quality  
ADPT - Arkansas Department of Parks and Tourism  
AFC - Arkansas Forestry Commission  
AGFC - Arkansas Game and Fish Commission  
ANHC - Arkansas Natural Heritage Commission  
ASP - Arkansas State Parks  
ASU - Arkansas State University  
DAH - Department of Arkansas Heritage  
NCRC - Natural and Cultural Resources Council  
TNC - The Nature Conservancy in Arkansas  
USFWS - U.S. Fish and Wildlife Service  
WRNWR - White River National Wildlife Refuge  
YCC - Youth Conservation Corps*



STATE OF ARKANSAS  
MIKE BEEBE  
GOVERNOR

As Arkansans, we are proud to say that we live in the "Natural State", so named for our woods, mountains, and streams and for our fields, prairies, and rivers. These areas remain as reminders of our past and of our long-term obligation to protect and preserve them. Today, the diversity of our original landscape is safeguarded in the 70 natural areas administered by the Arkansas Natural Heritage Commission. These protected areas serve as visible evidence of the care we take as full-time guardians of our living, bountiful natural heritage.

The work of the commission goes beyond the protection of specific sites to the conservation of landscape corridors and the healthy, diverse, functional ecosystems that can be defined by the six main natural divisions of our state. This annual report highlights the work of the commission in the Ozarks, the Ouachitas, the Arkansas Valley, the Coastal Plain, the Mississippi Alluvial Plain, and Crowley's Ridge. In the decades to come, future generations will be thankful for the commission's responsible stewardship.

Sincerely,

A handwritten signature in black ink, appearing to read "MB", written over a horizontal line.

Mike Beebe

MB:jb

# Ozark Mountains



**Two consecutive years of high-water events damaged the parking area and trail, and eroded the stream banks at Kings River Falls Natural Area (right). In partnership with Madison County Judge Frank Weaver, technicians from the Arkansas Game and Fish Commission, and the Arkansas Department of Environmental Quality, we developed plans for a stream bank stabilization project and began public access improvements for one of the most visited sites in the System of Natural Areas.**



## Noteworthy Funding for Newest Natural Area

The commission's reputation for grants management garnered federal funding from the Outdoor Recreation Grants Program administered by the Arkansas Department of Parks and Tourism to acquire one of the most biologically diverse caves in the state that is now protected as Foushee Cave Natural Area (bottom right). Additionally, the State Wildlife Grant program, administered by the Arkansas Game and Fish Commission, awarded its first-ever land acquisition grant for the site. The 2,732-acre natural area protects the cave, a significant portion of the cave's recharge zone (the land that contributes water to the cave and streams that flow through it), and 10 rare species, including the Foushee cavesnail (top right).

Even after decades of intense field studies and close monitoring of stewardship results, another rare plant was found at Baker Prairie Natural Area this year. Commission botanists located a population of early goldenrod (above), only known from one other site in Arkansas beforehand.





**Conservation partnerships are an important aspect of our mission, and so is being a good neighbor.**



### **Management Benefits Rare Plant**

Commission staff conducted field studies of Missouri bladderpod (left), a threatened plant only known to occur in nine counties in Arkansas and Missouri, on land near Beaver Lake owned by the U.S. Army Corps of Engineers. In partnership with The Nature Conservancy and the U.S. Fish and Wildlife Service, they documented that restoration techniques, such as reducing invasive plant species, thinning woodlands, and re-introducing fire to the landscape, can greatly benefit Missouri bladderpod habitat. The positive results can be shared with Missouri's land managers as they work to improve habitat for this and other rare glade plants.



### **Keeping Staff Safe in the Field**

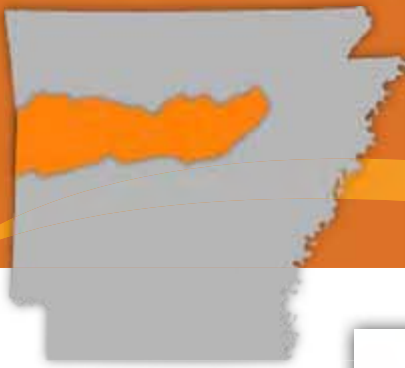
Most properties in the System of Natural Areas have limited access, rugged terrain, and are hours from the nearest emergency room. Our land stewards and field staff regularly work in these situations. In 2012, fourteen employees completed a two-day Basic Wilderness First Aid



course. Ozark Safety and Rescue Educators taught basic procedures such as patient assessment and stabilization (above), and emergency treatment of issues such as hypothermia, trauma, lacerations, and snakebites. Staff also learned to decide when and how an evacuation should be attempted and to keep themselves (as rescuers) safe during a variety of emergency scenarios.

**When an adjacent landowner at Devil's Knob-Devil's Backbone Natural Area (above) became concerned about the placement of a new parking area, commission staff consulted Izard County road crews and the landowner, Randy Crumby, to select an alternate location. Mr. Crumby attended our November 2011 commission meeting in Mountain View to publicly express his appreciation.**

# Arkansas Valley



**The NatureServe Network's Facebook wall highlighted one of our feature stories, bringing international attention to the commission's website and Enewsletter. The article reported that Arkansas Natural Heritage Commission scientists, while conducting field inventory studies, discovered a population of Greenman's bluet (right), a plant that was previously only known from Texas. NatureServe's marketing director chose this story to showcase during the Biodiversity Without Boundaries Conference in Portland, Oregon, for our ability to communicate complicated scientific information by making points that were quite interesting, very clear, and easy to understand.**



## Eco-literacy at the Library

The commission's educational programming is a natural fit for public library summer reading programs. Aimed at improving literacy, the programs give children and their parents an incentive to spend time reading each day. This can help reduce "summer learning loss," in which children sometimes lose some of what they learned during the school year over summer vacation. For several years, we

have been presenting at libraries in the central Arkansas area, combining nature information with well-loved children's books. These programs are geared to families with young children and help introduce these audiences to Arkansas-specific science facts that relate to the books they are reading. This summer, we expanded our outreach to libraries in other areas of the state. We reached 392 people with 16 programs in nine different cities, including our first visit to the Conway County Library in Morrilton (left).





### Restoring Fire's Natural Role

For every natural area, a management plan outlines appropriate stewardship techniques for each particular ecosystem. Prescribed fire (below) is an important management tool for the commission since many native prairie plant species require an open habitat. Regular, controlled fires limit shrubs, small trees, and woody vines that compete with grasses and flowers for nutrients and sunlight. Following a prescribed fire, sunlight on bare

ground warms the soil, stimulating plant growth (bottom left), seed germination, and soil microbial activity. Some seeds break dormancy following exposure to high



temperatures during a fire, and, in some species, certain chemicals in smoke and ash signal seeds to germinate. Afterwards, sometimes rare plants appear that have not been seen in decades.

In FY2012, we provided 200 rare species records to the U.S. Army Environmental Command. They use this information to minimize the impact on rare species located on Department of Defense properties. Many government agencies and industrial users rely on reports from the Arkansas biodiversity database to make informed decisions.



**Natural areas are living laboratories. Many people use natural areas to research Arkansas's ecology and biological diversity; however, a permit is required to conduct research on natural areas and for the collection or removal of specimens. This year, 19 permits covered activities on 36 natural areas in the System. Eight of them permitted work related to Arkansas Natural Heritage Commission-owned prairies in the Arkansas Valley.**



**Researchers collected seeds related to restoration projects, took soil samples at different prairies, and inventoried several insect species, including the rare prairie mole cricket (above), the largest mole cricket in the U.S.**



# Ouachita Mountains



Our springtime media strategy incorporated traditional and innovative approaches. We used printed advertisements to enhance name recognition in two magazines: *County Lines* targeted elected officials and *Arkansas Living* reached out to rural

Arkansans in every corner of the state. We developed a short video to connect new constituents to nature, the commission, and Arkansas's natural heritage. The video "What Color is Your Natural Heritage?" was featured in our Enewsletter and on our Facebook page. In the Department of Arkansas Heritage's *Storyline* newsletter and Arkansas Business Publishing Group's *Green Guide* magazine, a quick response or QR code (above), when scanned with a cell phone, literally brought nature to your hand.



Scan it!



## Expert Staff Lead the Way

In the state and beyond our borders, our expertise is often sought. Chosen to speak at the 2011 Annual Red-cockaded Woodpecker Translocation Meeting for the West Gulf Coastal Plain, Chief of Research Bill Holimon showcased our habitat restoration accomplishments. Botanist Theo Witsell was selected to write the Arkansas component of a multi-state Glade Assessment for the Central Hardwoods Joint Venture. The Arkansas Environmental Education Association contacted Education and Outreach Coordinator Jane Jones-Schulz to facilitate a portion of a workshop focusing on upland hardwood forests and the Ozark Mountains for educators from around the state. Agency staff also led field trips for organizations such as the Arkansas Native Plant Society (left) and published work in professional publications such as the *Journal of the Botanical Research Institute of Texas*.



## Restoration Partnership Recognized

*Greenwire* reporter Paul Voosen reached out to the commission for help with Arkansas-related information for an article about the changes taking place in eastern forests after decades of fire suppression. Arkansas Natural Heritage Commission (ANHC) Botanist Theo Witsell facilitated a two-day media tour of forests in the Ozark and Ouachita Mountains (below) with the Arkansas Oak Ecosystem Restoration Team, one of the most aggressive forest restoration teams in the country. This team, including ANHC scientists and land managers, along with staff from the Arkansas Game and Fish Commission, the U.S. Forest Service, the Arkansas Wildlife Foundation, the University of Arkansas Cooperative Extension Service, The Nature Conservancy, and Ouachita Timber Purchasers Group, works to create large-scale, multi-ownership demonstration



projects to build support for oak ecosystem restoration. Prescribed fire and targeted herbicides are important management tools in their efforts. Voosen saw restored and unrestored sites side-by-side, noting that the restored sites were strikingly more diverse. Voosen's article titled "Cascading species shift looms in fire-starved Eastern woods" was published online May 29, 2012.

Our expertise and demonstrated results allow us to compete well for grants on a national level. Rare plant monitoring and research are significant components of our federal grant-funded work. Endangered Species Act funding through the U.S. Fish and Wildlife Service supports field work to observe and monitor populations of rare plants such as the Ouachita twistflower (right) and to search for new locations of federally-listed plant species.

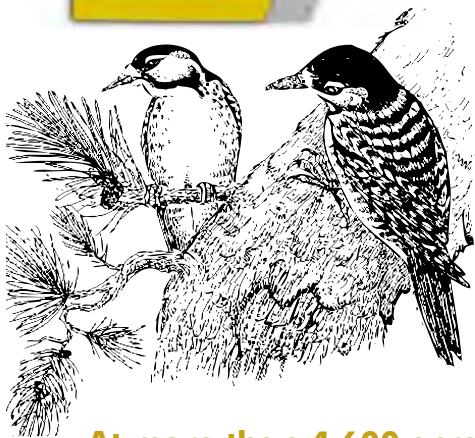


**Scattered through the Ouachita Mountains are pockets of amazing plant diversity called shale barrens (below). Being on shale barrens feels a bit like being in an old western movie - hot, dry, and gritty. With crumbling rock, copperheads, and open sky, all that's missing is the withered old prospector. But you won't find any gold in these hills.**



**The hidden treasure of the shale barrens is the collection of rare plants, including 22 species of global conservation concern - more than any other habitat in Arkansas. Commission botanists have documented 630 different plant species here including several species that are new to science.**

# Coastal Plain



**At more than 4,600 acres, Warren Prairie Natural Area's mosaic of salt slicks, saline prairies, pine flatwoods, and bottomland forests serves as an example of conservation at a landscape scale. Harboring two federally-protected species, the Red-cockaded Woodpecker (above) and the plant geocarpon, the area's size and significance provide opportunities to initiate conservation partnerships. Working with the Arkansas Game and Fish Commission, The Nature Conservancy, the National Wild Turkey Federation, and the U.S. Fish and Wildlife Service, significant habitat restoration work here benefits rare species and common wildlife species alike. Popular game animals such as northern bobwhite, wild turkey, and white-tailed deer can be found throughout the natural area and are a popular draw for sportsmen.**

**National Seed Bank Preserves Arkansas Plant** Researchers from the Missouri Botanical Garden's Center for Plant Conservation collected seeds from geocarpon, a federally threatened plant, at Warren Prairie Natural Area (right). They will add them to the seed bank maintained as the National Collection of Endangered Plants, preserving genetic diversity and safeguarding against the possible extinction of this and other rare species.



## Unique Trail Enhances Visitor Experience

Logoly State Park was Arkansas's first environmental education state park. Logoly Natural Area, approximately 200 acres within the state park, protects a valuable remnant of the Coastal Plain, including forests of hardwood and very large loblolly pine trees. The area's natural resources provide a living laboratory for students. Together, the commission and Arkansas State Parks created 19 new wayside exhibits (right) along three trails. The Natural and Cultural Resources Council helped fund the work. Each exhibit panel is supported by a one-of-a-kind stand crafted in Arkansas by welding and metal fabrication students at local technical schools.





**"It is a special day for me to be back in my home county in an area that I remember growing up in."**

*- Morrill Harriman, Governor Mike Beebe's Chief of Staff*



On April 30th, more than sixty people celebrated the addition of Longview Saline Natural Area to Arkansas's System of Natural Areas. Morrill Harriman (left), chief of staff for Governor Mike Beebe, led the dedication ceremony,

acknowledging the commitment we all share to preserve our state's precious natural heritage. Conservation partnerships with The Nature Conservancy, the Arkansas Game and Fish Commission, the U.S. Fish and Wildlife Service, and others provided the opportunity for effective cost sharing and increased connectivity to other protected lands. The natural area is located within a 25-mile string of "pearls" of more than 85,000 acres of publicly-owned land managed for conservation. It protects habitat for the federally endangered Red-cockaded Woodpecker and for two federally endangered mussels, the winged mapleleaf and the pink mucket, that are found within a stretch of the Saline River bordering the natural area.

Miller County Sandhills Natural Area (right), a prime example of a sandhill ecosystem in Arkansas, features globally rare sandhill woodland, barrens, and seep habitats. Thirty-five rare plant species

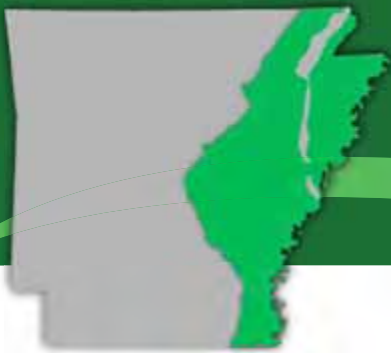


have been recorded on the natural area, including five found nowhere else in Arkansas. In FY2012 we added 52 acres to this diverse and ecologically significant property.



**Introduced to the U.S. in 1876 from Japan, the invasive plant kudzu (above) kills other plants by smothering them under a solid blanket of leaves, by girdling tree trunks, and by breaking branches or uprooting entire trees and shrubs through the sheer force of its weight. Once established, kudzu plants grow rapidly, extending as much as one foot per day. At Nacatoch Ravines Natural Area in Hempstead County, our stewardship staff used aerial application of a specific herbicide and hand spraying re-sprouts, followed by prescribed burning, to reduce the 15-acre encroachment of kudzu on this special remnant of the Coastal Plain.**

# Mississippi Alluvial Plain



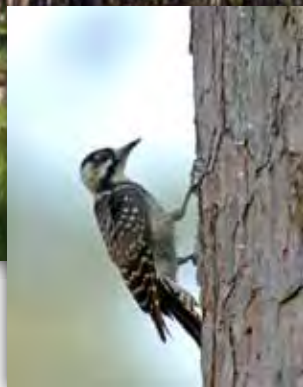
**Byrd Lake Natural Area, 144 acres located within Pine Bluff's city limits, provides unique opportunities in an urban setting. The Byrd Lake trail winds through upland pine-hardwood forests and cypress swamps. Visitors can rest on benches (right) that overlook the 16-acre oxbow lake, a remnant of the previous course of Bayou Bartholomew. A recently awarded \$66,000 Wildlife Observation Trail Grant, funded by the Arkansas Game and Fish Commission, will repair the trail and parking lot, and enhance wayside exhibits, offering views of a wide array of wildlife species interacting in a natural setting.**



## Milestone for Rare Woodpeckers

First documented in the late 1970s, the population of endangered Red-cockaded Woodpeckers at Pine City Natural Area (below left) has seldom been greater than six individuals, but it has persisted. Two breeding groups nested for the first time in 2004 and continued each year since. Breeding groups typically include a pair of breeding birds and helpers, usually young males from the previous year, that help incubate the eggs and raise young. Juvenile females generally leave the group earlier than young male birds.

In 2009, mechanical forest management on the north tract of the natural area opened up the pine flatwoods, allowing sunlight to reach the ground and stimulate the growth of flowers and grasses. This prairie-like ground cover attracts lots of insects, the main source of food for Red-cockaded Woodpeckers. Within a week, a young male began roosting in the restored habitat and defending it as his territory. In April 2012, a young female was translocated from the Ouachita National Forest. Their successful pairing gives Pine City Natural Area a third breeding pair for the very first time.





## New Trail Showcases Bottomland Habitat

A new loop trail extends a mile through Striplin Woods Natural Area (right) within the bottomland hardwood forest of the White River National Wildlife Refuge. Led by refuge staff, a team of Youth Conservation Corps (YCC) workers cleared the trail, and designed, constructed, and installed three wooden benches. YCC is a summer employment



program for young men and women (ages 15-18) who learn and earn together by working on public land. An earlier cooperative project contributed to the observation deck at the rear of the refuge's visitor center that overlooks the natural area.

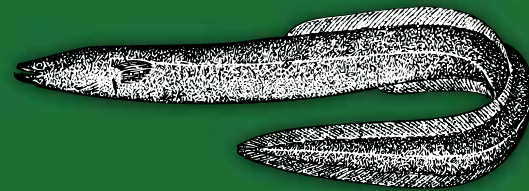


A historic marker (bottom left) within Louisiana Purchase Natural Area/ Louisiana Purchase State Park honors the first

surveyors of the land that would become Arkansas. Their field notes from 200 years ago guide our stewardship efforts today. Looking back at these historic landscape descriptions helps our ecologists assess current conditions and plan for future restoration work throughout the System of Natural Areas.



**The American eel (below) is currently being considered for listing as a federally threatened animal species. This fish begins its life in the ocean, matures in freshwater streams and rivers, and then returns to the ocean to reproduce. Dams, hydropower plant turbines, and contaminants are a few of the hazards American eels now face when migrating to and from suitable habitats. Populations are in decline, but the extent of decline is currently unknown.**



**This year, Jason Throneberry our aquatic species biologist, assisted the U.S. Fish and Wildlife Service and the Arkansas Game and Fish Commission in performing American eel surveys on the White and Arkansas Rivers. Observing that some were making it past migration barriers, these fish were found on the White River in Arkansas. These locations of American eels are now tracked in Arkansas's biodiversity database.**

# Crowley's Ridge



**Crowley's Ridge (right) is the smallest but also the least studied of all of the natural divisions. The commission recently contracted with Arkansas State University to conduct plant and natural community field surveys on the ridge. This year, we reviewed their results, including over 1,200 plant specimens collected at five sites on Crowley's Ridge. The additions to our herbarium and other documentation give details on new locations as well as sites that had been studied in the past. Commission researchers will use this information to refine future field studies and guide conservation actions.**



## Education Outreach A to Z

We link the commission's technical information and data to teachers and students of all ages, abilities, and backgrounds. This year, our efforts ranged from lectures and field trips for University of Central Arkansas students to "Arkansas Animal ABCs" for kindergarten classrooms at Corning's Park Elementary in Clay County. Each summer we work with the Department of Arkansas Heritage to conduct a series of workshops for educators, focusing on the current Heritage Month theme. For the fifth year, we reached out to high school students by sponsoring four natural heritage awards at the Arkansas State Science Fair. Again this year, we cooperated with the U.S. Fish and Wildlife Service to celebrate Endangered Species Day with an art contest (left) focusing on Arkansas's threatened and endangered plants, animals, and ecosystems.



### Training Master Naturalists

We have been conducting workshops on botany, bird identification, endangered species, and natural divisions for Arkansas Master Naturalists since the group's very first training session in 2006, and have watched them grow from one chapter to six. This year, we provided training and materials to 100 new members, including the newest chapter, the Northeast Arkansas Master Naturalists (below), at Village Creek State Park. This corps of well-informed volunteers provides

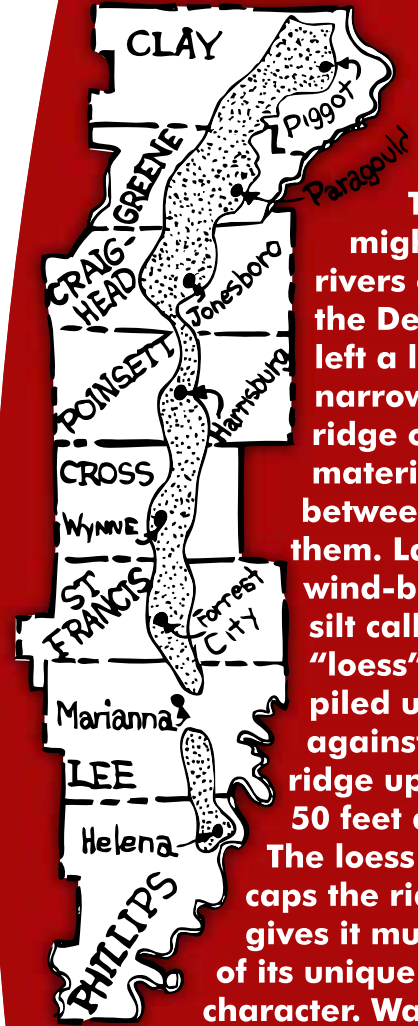


education, outreach, and service for the beneficial management of natural resources and natural areas within their communities. Master Naturalists have logged many hours of volunteer service activities for the commission, such as removing invasive species at Cave Springs Cave Natural Area, leading a trash pick-up at Searles Prairie Natural Area, and preserving plant species for the Arkansas Natural Heritage Commission herbarium.

Crowley's Ridge is home to the only native tulip trees in Arkansas. Tulip trees, one of the tallest of eastern hardwoods, are rarely found west of the Mississippi River. They are in the magnolia family, are fast growing, and used extensively for landscaping. The wood is prized for pipes in organs. The name refers to the flowers (right) which are thought to resemble tulips.



Both Crowley's Ridge and the surrounding Delta started out as ocean-bottom from an early, larger Gulf of Mexico.



The mighty rivers of the Delta left a long, narrow ridge of this material between them. Later, wind-blown silt called "loess" piled up against this ridge up to 50 feet deep.

The loess that caps the ridge gives it much of its unique character. Water cuts through it easily and erodes deep valleys. The ridge is named for an early settler, Benjamin Crowley. Other settlers followed him, preferring the hills of the ridge to nearby river bottoms. Many of the largest cities and the county seats of eastern Arkansas (above) are located on or near Crowley's Ridge.



# Status of the Registry of Natural Areas

Additions to the Plant List FY 2011-2012	
Scientific Name	Common Name
<i>Elymus virginicus</i> var. <i>intermedius</i>	intermediate wild rye
<i>Houstonia parviflora</i>	Greenman's bluet
<i>Gillemia infoliata</i>	Bowman's-root
<i>Polygala incarnata</i>	pink milkwort
<i>Gentiana alba</i>	pale gentian
<i>Humulus lupulus</i> var. <i>pubescens</i>	wild hop
<i>Vernonia lindheimeri</i>	woolly ironweed
<i>Prenanthes alba</i>	white rattlesnake-root
<i>Ptilimnium texense</i>	Texas mock bishop's-weed
<i>Juncus brachyphyllus</i>	tufted-stem rush
<i>Viburnum acerifolium</i>	maple-leaf viburnum

Additions to the Animal List FY 2011-2012	
Scientific Name	Common Name
<i>Macrobrachium ohione</i>	Ohio shrimp
<i>Anguilla rostrata</i>	American eel
<i>Cottus immaculatus</i>	knobfin sculpin
<i>Etheostoma thiblezei</i>	stippled darter
<i>Etheostoma autumnale</i>	autumn darter
<i>Beameria venosa</i>	a concealed-lymbal cicada
<i>Epiplatysma triquetra</i>	snuffbox

There are currently 901 species tracked in Arkansas's biodiversity database (534 plants, 212 invertebrates, 155 vertebrates). These plants and animals are uncommon in Arkansas; some are known from only one or two locations in the state and nowhere else in the entire world. Twenty-nine species are listed as endangered or threatened by the U.S. Fish and Wildlife Service. This total includes only those species believed to still occur in the state; it excludes historic and transient species. Four Arkansas species were added to the federal endangered species list this fiscal year: the Ozark hellbender, the yellowcheek darter, the snuffbox mussel, and the spectaclecase mussel. Three Arkansas species are on the federal "candidate" list which means they are being evaluated for possible listing as endangered or threatened: the Arkansas darter, the rabbitsfoot mussel, and the Neosho mucket. The agency's list of tracked species for the state is more dynamic than the federal list and changes from year to year as new information becomes available. In FY2012, eleven plants and seven animals were added to the list (left).

While being a part of the NatureServe network remains an important goal, the commission has developed and adopted a "scaled-back" version of NatureServe's data management system. The system is built on a less expensive platform, is easier to operate, is more compatible with other agency data systems, and is easier to upgrade to new software. Efficient and cost-effective database management is critical as more and more information on rare species becomes available in electronic formats. This year, the agency obtained several large data sets:

- 594 plant specimen records from the herbaria at the University of Arkansas at Fayetteville and the University of Central Arkansas.
- 1,229 specimen records for tracked species through our herbarium database.
- 224 collection records were extracted from the Arkansas Department of Environmental Quality's online fish sampling database.
- 285 amphibian and reptile records acquired from Drexel University.

Throughout the year, the agency's data management staff works to evaluate and integrate these records into the biodiversity database.

It is also essential for the most current data to be readily available for government agencies, land managers, and land use planners who use our Environmental Review/Information Sharing Program. During FY2012, staff handled 780 requests for information, including sharing the newly acquired, large data sets with users like the Arkansas State Highway and Transportation Department to help with road projects, timber companies to support growing sustainable commercial forests, and energy developers to evaluate potential wind projects in Arkansas. Hundreds of smaller projects, such as natural gas pipelines, sewer improvement projects, telecommunication towers, wetland conversion permit applications, and university researchers, also rely on the commission's accurate, up-to-date species information.

# Status of the System of Natural Areas

Lands within the System of Natural Areas represent some of the best and last examples of the state's natural heritage. As of June 30, 2012, the System consisted of 58,082 acres at 70 different sites across 46 counties. Strategic conservation planning and research serve as the foundation for land acquisition efforts. In addition to Foushee Cave (featured at right), the commission added 2,133 acres at existing natural areas this year, including:

- 160 acres at Slippery Hollow Natural Area includes a cave and essential foraging habitat for endangered Ozark big-eared bats.
- 60 acres at Warren Prairie Natural Area conserves additional pine flatwoods in cooperation with The Nature Conservancy.
- 20 acres at Poison Springs Natural Area protects sandhill habitat in cooperation with the Arkansas Forestry Commission.
- 40 acres at Pine City Natural Area consolidates land holdings and provides restoration opportunities to increase Red-cockaded Woodpecker habitat.
- 52 acres at Miller County Sandhills Natural Area protects additional sandhill habitat.
- 1,688 acres at Longview Saline Natural Area conserves habitat for three federally-endangered species along the Saline River.
- 113 acres at Kings River Falls Natural Area increases river protection and public access opportunities at one of our most visited natural areas.

Current ownership within the system is divided almost equally between conservation easements and fee title ownership. Stewardship activities for each natural area are directed by a management plan that considers ownership type (fee title or easement) and includes methodical steps to restore ecosystem functions and maintain or enhance habitat conditions. Plans are updated in a regular review cycle, integrating new research findings and changes on the landscape. In FY2012, the commission approved 24 updated plans.

Each natural area management plan provides site-specific stewardship objectives such as boundary demarcation, invasive species removal, and prescribed fire. Additional work, such as removing trash, installing trails and parking areas, conducting research, and leading educational field trips was completed this year by commission staff, contractors, volunteers, and conservation partners. Significant stewardship highlights for FY2012 include:

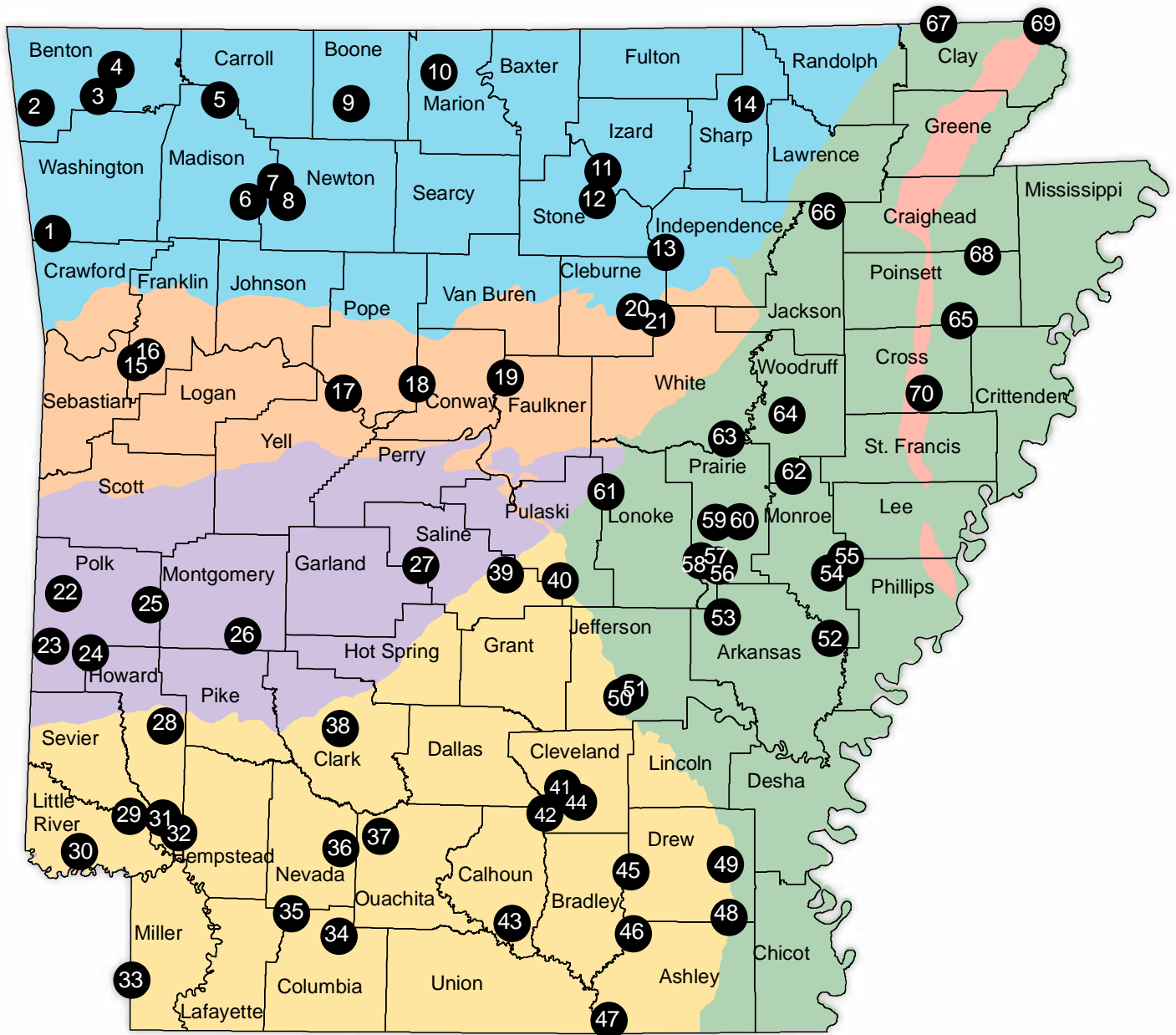
- Prescribed burns were conducted on 6,927 acres at 20 natural areas to maintain and restore fire dependent natural communities.
- Habitat management and partnerships to relocate birds from other lands resulted in increased Red-cockaded Woodpecker populations at Warren Prairie, Pine City, and Moro Big Pine Natural Areas.
- Monitoring of bat populations at four natural area caves revealed no occurrence of White-nose Syndrome, a devastating disease affecting hibernating bats in eastern North America.
- Parking areas were installed at three natural areas to improve public access.
- Intensive invasive plant species eradication has improved habitat at Cove Creek, Byrd Lake, and Nacatoch Ravines Natural Areas.

The System grew to 70 sites in FY2012, with the addition of Foushee Cave Natural Area (below). This 2,732-acre natural area in Independence County protects one of the most biologically diverse caves in the state along with 80 percent of the direct recharge zone of the cave and the associated forest communities. Ten significant



cave species, including the federally endangered gray (left) and Indiana bats, occur here. It is also the only known location in the world for the Foushee cavesnail.

# System of Natural Areas



As of June 30, 2012, the System of Natural Areas consisted of 70 sites totaling 58,082 acres in 46 counties across the state. In the map above, natural areas are notated by numbered dots. Each numbered dot has a corresponding natural area in the list on the facing page.

Detailed reports, including county location, driving directions, site description, and status of each site within the System can be found in the green pages section of the coil-bound document.



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

# Web-based Outreach



Our outreach endeavors seek to connect the public with nature and Arkansas, the Natural State in general, and, more specifically, with the conservation initiatives of the Arkansas Natural Heritage Commission (ANHC). In order for our public communication to be more effective, we developed an Outreach Plan with a more unified approach. One of the plan's key components includes evaluating our current communication tools and looking for effective new venues. By far, the Internet offers the most effective method of communicating with the public, and to do so we employ three methods: the agency website, our Facebook page, and a monthly electronic newsletter.

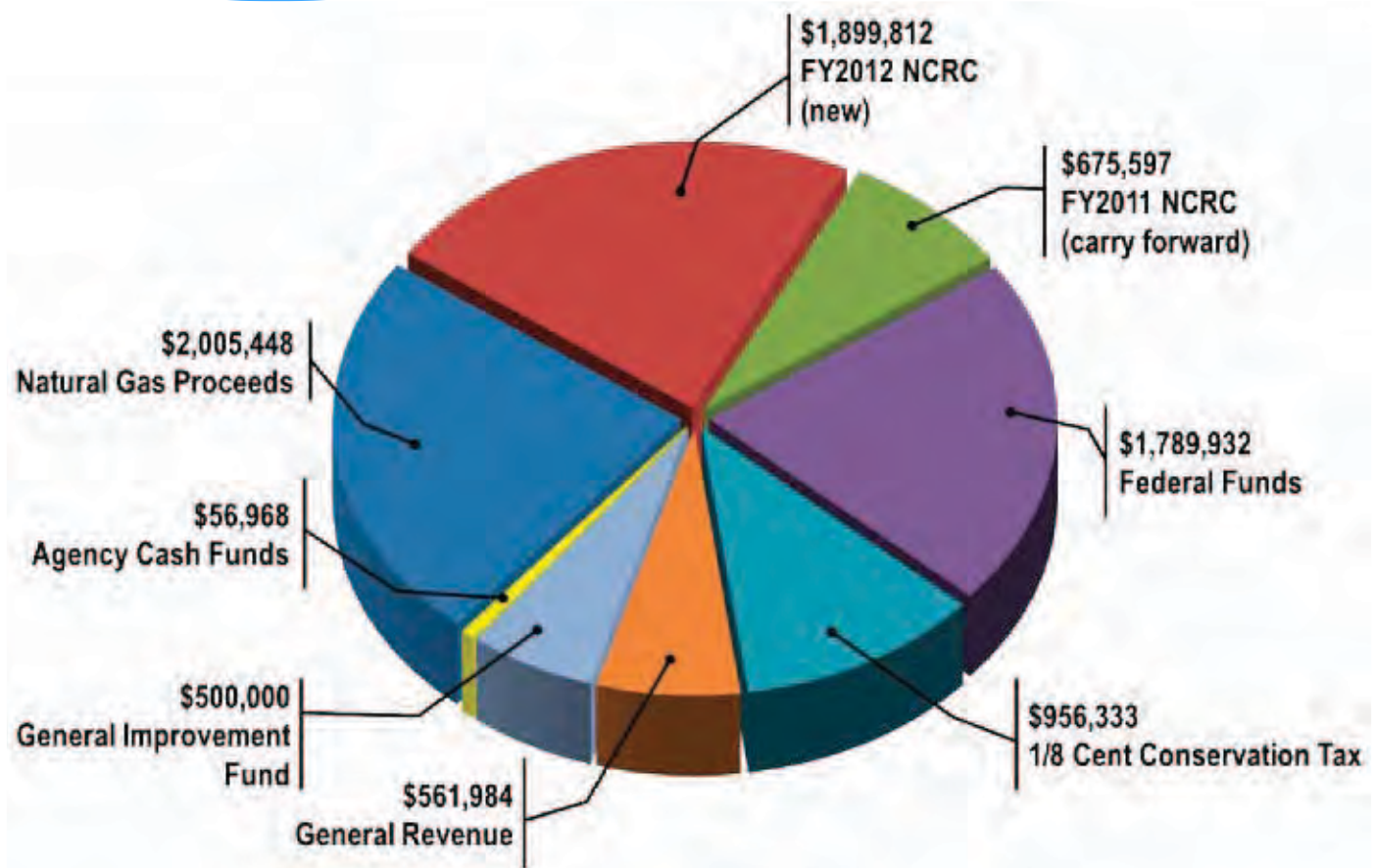


In FY2012, we began using new tracking programs to learn more about our audiences and the most effective formats to reach them. Among other characteristics for this year, we found that:

- Most of our website visits originate from Arkansas, followed by Texas, California, and Missouri.
- Lesson plans are the most often downloaded materials from the website.
- The number of visits to the website from mobile devices is growing significantly.
- On average, 36 percent of our subscribers open the Enewsletter each month, and this is well above the reported national averages, ranging between 23-25 percent, for similar electronic publications.
- Twenty percent of our Enewsletter subscribers have email addresses tied to a government agency or conservation organization.
- Facebook fans generated approximately 36,800 likes, comments, and shares with the 165 posts we made this year.
- Most of our Facebook fans are 24 to 54 years old, and a higher percentage of the fans that share our Facebook posts are female.

We use these ongoing evaluations and assessments to ensure that we disseminate accurate and timely information, maintain a consistent message, and broaden the public knowledge and perception of the ANHC and our endeavors.

# Financial Report



## Fiscal Year 2012 Expenditures = \$8,446,074

A significant influx of one-time monies greatly enhanced the commission's financial status for Fiscal Year 2012. FY2012 expenditures spiked upwards to \$8,446,074 related to three distinct funding streams:

- General Improvement funding of \$500,000, released by Governor Beebe late in FY2011, contributed to the acquisition of Foushee Cave Natural Area this year.
- Expenditures of natural gas proceeds escalated as the leases administered by the State Land Commissioner's Office produced \$2,005,448. With conservation of pristine habitat always our first concern, we utilized one-time signing bonuses for land acquisition projects. Additionally, monthly royalty payments defrayed portions of our payroll costs and outsourced contracts for natural area stewardship.
- State funds were combined to attract two federal grants contributing to the land acquisition costs at Longview Saline and Foushee Cave Natural Areas.

Our FY2012 allocation of the 1/8 Cent Conservation Sales Tax budget for land acquisition was reduced by \$450,000; however, Department of Arkansas Heritage (DAH) leaders have continued to direct Natural and Cultural Resources Council (NCRC) grant funds to the commission. For the last two years (FY2011 and FY2012) the Arkansas Natural Heritage Commission, one of six DAH agencies eligible for NCRC grant funds, received 40 percent of the grant funds awarded to the department.

# Administration

Commissioners participate in quarterly meetings, provide the approvals required by law, and offer oversight to protect the public's interest. In addition, commissioners help to heighten the visibility of the Department of Arkansas Heritage and the commission, and encourage the support of our mission, projects, and programs.

**Christian "Trey" Ashcraft** *Pine Bluff, AR*  
**Manuel Barnes** *Bentonville, AR*  
**Robert Bevis** *Scott, AR*  
**Jim Daniels** *McGehee, AR*  
**Lucien Gillham** *Sherwood, AR*  
**Robin Lockhart** *Little Rock, AR*

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

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

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

**Sally McLarty** *Newport, AR*  
**Stephen Morley** *North Little Rock, AR*  
**Neill Sloan** *Lake Village, AR*  
**Gerry Soltz** *Morrilton, AR*  
**Doug Swann** *Little Rock, AR*  
**Sharon Walker** *Lake Village, AR*

## DEPARTMENT OF ARKANSAS HERITAGE

**Cathie Matthews** *Director*

**Marynell Branch** *Deputy Director for Heritage Resources*

## ARKANSAS NATURAL HERITAGE COMMISSION

**Karen Smith** *Director*

**Chris Colclasure** *Assistant Director*

**Toni Snow** *Administrative Specialist*

**Bob Spraggins** *Business Operations Specialist*

**Bryan Rupar** *Chief of Acquisitions & Stewardship*

**Doug Fletcher** *Chief of Stewardship*

**John O'Dell** *Stewardship Field Ecologist*

**Patrick Solomon** *Stewardship Field Ecologist*

**Toby Von Rembow** *Stewardship Field Ecologist*

**Bill Holimon** *Chief of Research & Inventory*

**Tom Foti** *Biologist, Extra Help*

**Cindy Osborne** *Heritage Program Data Manager*

**Theo Witsell** *Botanist*

**Jennifer Akin** *Conservation Biologist*

**Scotty Winningham** *Assistant Data Manager*

**Brent Baker** *Botanist*

**Jason Throneberry** *Aquatic Species Biologist*

**Katie Shannon** *Assistant Data Manager*

## Contact us:

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

Phone: 501.324.9619 | Fax: 501.324.9618  
TDD: 501-324-9150

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

## You can also reach our public information staff:

**Jane Jones-Schulz**

*Education & Information Coordinator*  
[jane@arkansasheritage.org](mailto:jane@arkansasheritage.org)  
501.324.9159

**Jonelle Doughty**

*Information Officer*  
[jonelle@arkansasheritage.org](mailto:jonelle@arkansasheritage.org)  
501.324.9634

# Natural Divisions of Arkansas

Up to 40 miles wide at some points, the **ARKANSAS VALLEY** features dissected plateaus similar to those found in the Ozark Mountains to the north and ridges like those found in the Ouachita Mountains to the south. The Arkansas River and its tributaries formed wide bottomlands and flat terraces that contribute to the distinctive character and natural communities of the valley.

Created by violent folding of the Earth's crust, the **OUACHITA MOUNTAINS** are characterized by narrow ridges that sometimes run over 100 miles long. These ridges are generally arranged from east to west with hot, dry south-facing slopes and cooler, damper north-facing slopes.

The **OZARK MOUNTAINS** are generally characterized as uplifted level plateaus with deep, stream-cut valleys. Three distinct areas within the Ozarks differ in topography, geology, and vegetation; the Boston Mountains, the Springfield Plateau, and the Salem Plateau.



The **COASTAL PLAIN** was once covered by the Gulf of Mexico. After the water retreated, the sand and gravel that once formed the Gulf's floor was left behind. The rolling landscape is also known for chalk outcrops made from the shells of marine animals. As large rivers began coursing through the area they created wide floodplains and terraces.

**CROWLEY'S RIDGE**, the smallest of Arkansas's natural divisions, is 150 miles long and ranges from 1/2 to 20 miles wide. Rising 200 feet above the surrounding Delta, the ridge was formed as rivers carved valleys. Wind-blown silt (called loess) created by the last glaciers tops the ridge.

Often called the Delta, the **MISSISSIPPI ALLUVIAL PLAIN** covers the eastern third of Arkansas. Also once covered by the Gulf of Mexico, big rivers such as the White, the Mississippi, the Arkansas, and even the Ohio, have flowed through the area, sweeping away the ocean bottom and replacing it with sand, silt, and clay.



# System of Natural Areas

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

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

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



Foushee Cave Natural Area

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

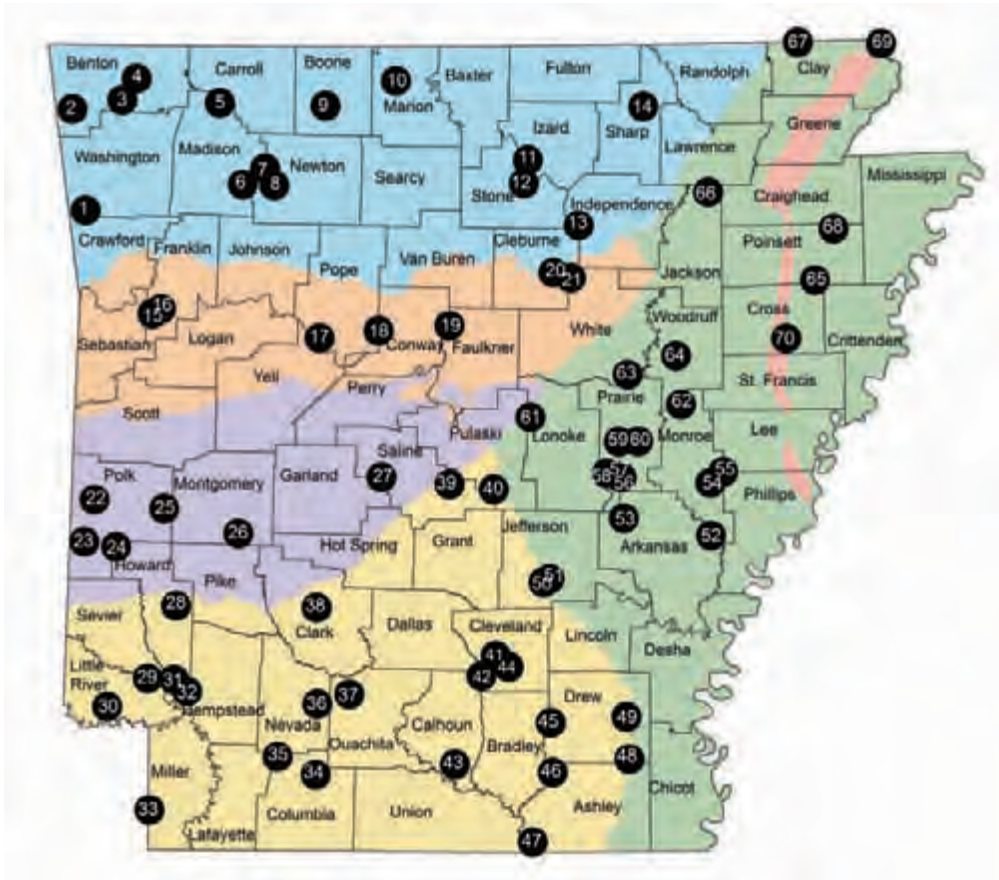
Natural areas are managed for varying levels of public usage, and accessibility varies widely. When compatible with the overall conservation vision of the area, efforts are made to provide safe opportunities for moderate, low-impact public use such as bird watching or photography as well as scientific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

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

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

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

## 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 ecoregions of Arkansas are:

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

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

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

<b>Map Location #</b>		<b>Status Report Page Number</b>
1	Garrett Hollow Natural Area	1-32
2	Chesney Prairie Natural Area	1-15
3	Cave Springs Cave Natural Area	1-11
4	Searles Prairie Natural Area	1-68
5	Bear Hollow Natural Area	1-5
6	Kings River Falls Natural Area	1-41
7	Sweden Creek Falls Natural Area	1-78
8	Pine Hollow Natural Area	1-59
9	Baker Prairie Natural Area	1-3
10	Slippery Hollow Natural Area	1-71
11	Devil's Knob-Devil's Backbone Natural Area	1-25
12	Hell Creek Natural Area	1-37
13	Foushee Cave Natural Area	1-30
14	Rock Creek Natural Area	1-64
15	Cherokee Prairie Natural Area	1-13
16	H. E. Flanagan Prairie Natural Area	1-34
17	Dardanelle Rock Natural Area	1-24
18	Goose Pond Natural Area	1-33
19	Cove Creek Natural Area	1-21
20	Cow Shoals Riverfront Forest Natural Area	1-22
21	Big Creek Natural Area	1-7
22	Iron Mountain Natural Area	1-40
23	Fernwood Seep Natural Area	1-29
24	Cossatot River State Park-Natural Area	1-18
25	Big Fork Creek Natural Area	1-8
26	Gap Creek Natural Area	1-31
27	Middle Fork Barrens Natural Area	1-49
28	Stone Road Glade Natural Area	1-76
29	White Cliffs Natural Area	1-85
30	Palmetto Flats Natural Area	1-56
31	Saratoga Blackland Prairie Natural Area	1-67
32	Nacatoch Ravines Natural Area	1-55
33	Miller County Sandhills Natural Area	1-50
34	Logoly Natural Area	1-45
35	Falcon Bottoms Natural Area	1-27
36	Arkansas Oak Natural Area	1-1
37	Poison Springs State Forest Sand Barren & Oak-Pine Forest Preserve	1-60
38	Terre Noire Natural Area	1-81
39	Mills Park Natural Area	1-52
40	Lorance Creek Natural Area	1-47
41	Kingsland Prairie Natural Area	1-42
42	Moro Creek Bottoms Natural Area	1-54
43	Moro Big Pine Natural Area-Wildlife Management Area	1-53
44	Hall Creek Barrens Natural Area	1-36
45	Warren Prairie Natural Area	1-83
46	Longview Saline Natural Area	1-46
47	Coffee Prairie Natural Area	1-17
48	Cut-off Creek Ravines Natural Area	1-23
49	Seven Devils Swamp Natural Area	1-69

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

<b>Map Location #</b>		<b>Status Report Page Number</b>
50	Byrd Lake Natural Area .....	1-9
51	Taylor Woodlands Natural Area .....	1-80
52	Striplin Woods Natural Area .....	1-77
53	Roth Prairie Natural Area .....	1-66
54	Pine City Natural Area .....	1-57
55	Louisiana Purchase Natural Area .....	1-48
56	Konecny Prairie Natural Area .....	1-44
57	Konecny Grove Natural Area .....	1-43
58	Smoke Hole Natural Area .....	1-73
59	Railroad Prairie Natural Area .....	1-62
60	Downs Prairie Natural Area .....	1-26
61	Holland Bottoms Willow Oak Forest Preserve .....	1-38
62	Benson Creek Natural Area .....	1-6
63	Holloway Memorial Natural Area .....	1-39
64	Cache River Natural Area .....	1-10
65	Singer Forest Natural Area .....	1-70
66	Swifton Sand Ponds Natural Area .....	1-79
67	Stateline Sand Ponds Natural Area .....	1-75
68	St. Francis Sunken Lands Natural Area .....	1-74
69	Chalk Bluff Natural Area .....	1-12
70	Wittsburg Natural Area .....	1-87

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

<b>Map Location #</b>		<b>Status Report Page Number</b>
36	Arkansas Oak Natural Area	1-1
9	Baker Prairie Natural Area	1-3
5	Bear Hollow Natural Area	1-5
62	Benson Creek Natural Area	1-6
21	Big Creek Natural Area	1-7
25	Big Fork Creek Natural Area	1-8
50	Byrd Lake Natural Area	1-9
64	Cache River Natural Area	1-10
3	Cave Springs Cave Natural Area	1-11
69	Chalk Bluff Natural Area	1-12
15	Cherokee Prairie Natural Area	1-13
2	Chesney Prairie Natural Area	1-15
47	Coffee Prairie Natural Area	1-17
24	Cossatot River State Park-Natural Area	1-18
19	Cove Creek Natural Area	1-21
20	Cow Shoals Riverfront Forest Natural Area	1-22
48	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
60	Downs Prairie Natural Area	1-26
35	Falcon Bottoms Natural Area	1-27
23	Fernwood Seep Natural Area	1-29
13	Foushee Cave Natural Area	1-30
26	Gap Creek Natural Area	1-31
1	Garrett Hollow Natural Area	1-32
18	Goose Pond Natural Area	1-33
16	H. E. Flanagan Prairie Natural Area	1-34
44	Hall Creek Barrens Natural Area	1-36
12	Hell Creek Natural Area	1-37
61	Holland Bottoms Willow Oak Forest Preserve	1-38
63	Holloway Memorial Natural Area	1-39
22	Iron Mountain Natural Area	1-40
6	Kings River Falls Natural Area	1-41
41	Kingsland Prairie Natural Area	1-42
57	Konecny Grove Natural Area	1-43
56	Konecny Prairie Natural Area	1-44
34	Logoly Natural Area	1-45
46	Longview Saline Natural Area	1-46
40	Lorance Creek Natural Area	1-47
55	Louisiana Purchase Natural Area	1-48
27	Middle Fork Barrens Natural Area	1-49
33	Miller County Sandhills Natural Area	1-50
39	Mills Park Natural Area	1-52
43	Moro Big Pine Natural Area-Wildlife Management Area	1-53
42	Moro Creek Bottoms Natural Area	1-54
32	Nacatoch Ravines Natural Area	1-55
30	Palmetto Flats Natural Area	1-56
54	Pine City Natural Area	1-57
8	Pine Hollow Natural Area	1-59
37	Poison Springs State Forest Sand Barren & Oak-Pine Forest	1-60

Preserve

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

<b>Map Location #</b>		<b>Status Report Page Number</b>
59	Railroad Prairie Natural Area	1-62
14	Rock Creek Natural Area	1-64
53	Roth Prairie Natural Area	1-66
31	Saratoga Blackland Prairie Natural Area	1-67
4	Searles Prairie Natural Area	1-68
49	Seven Devils Swamp Natural Area	1-69
65	Singer Forest Natural Area	1-70
10	Slippery Hollow Natural Area	1-71
58	Smoke Hole Natural Area	1-73
68	St. Francis Sunken Lands Natural Area	1-74
67	Stateline Sand Ponds Natural Area	1-75
28	Stone Road Glade Natural Area	1-76
52	Striplin Woods Natural Area	1-77
7	Sweden Creek Falls Natural Area	1-78
66	Swifton Sand Ponds Natural Area	1-79
51	Taylor Woodlands Natural Area	1-80
38	Terre Noire Natural Area	1-81
45	Warren Prairie Natural Area	1-83
29	White Cliffs Natural Area	1-85
70	Wittsburg Natural Area	1-87

## Arkansas Oak Natural Area

**County Name:** Nevada

**Size (in acres):** 200.27

**Latitude:** 33.65808

**Longitude:** -93.17229

### Description:

Arkansas Oak Natural Area, located in the 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 (AFC).

### Access:

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

### Management Plan:

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

### Stewardship Activities:

ANHC staff performed boundary maintenance and installed fencing to block unauthorized vehicle access. Cooperative management activities were discussed with AFC staff. The management plan was updated to reflect current status. A contractor cut trees from the barrens restoration area.

**Date of Last Visit:** 6/6/2012

### Status:

Trees were removed in a portion of the barrens to open the canopy and increase the habitat for rare species. Red-berried greenbrier was removed from the plant list for this natural area. Field assessments noted no problems.

### Elements of Special Concern

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

**Acquisition Summary:**

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



# Baker Prairie Natural Area

**County Name:** Boone

**Size (in acres):** 30.315

**Latitude:** 36.24166

**Longitude:** -93.13479

## Description:

Baker Prairie Natural Area is a remnant of what was once a 5,000-acre tallgrass prairie located west and south of present day downtown Harrison. It is the largest known remnant of Ozark Mountain prairie occurring on a chert substrate. The prairie harbors 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 (TNC).

## Access:

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

## Management Plan:

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

## Stewardship Activities:

ANHC staff maintained boundaries, removed trash, and conducted post burn monitoring. Contractors executed plant community monitoring, a prescribed burn on 40 acres, and invasive species removal. ANHC staff also performed plant inventories, monitored several populations of tracked species, collected a reference specimen, and led a tour for Master Naturalists.

**Date of Last Visit:** 6/19/2012

## Status:

Inventory work added early goldenrod, a new tracked plant species, to the plant species list, documenting only the second known site in the state for this species. Flora in the western burn unit responded favorably after prescribed burning.

## Elements of Special Concern

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

**Acquisition Summary:**

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

# Bear Hollow Natural Area

**County Name:** Madison

**Size (in acres):** 397.10

**Latitude:** 36.25392

**Longitude:** -93.70932

## Description:

Bear Hollow Natural Area includes a mile of the intermittent Bear Hollow Creek, beginning about 0.25 mile upstream from its confluence with Rockhouse Creek. The natural area is enclosed by ridges along most of its perimeter, with only one hilltop farm in prominent view. Located near the center of the site is the Ozark Natural Science Center. This center was established in 1990 to provide environmental education opportunities for the people of the Ozark Mountains region. The natural area is bounded on the north and south by the Arkansas Game and Fish Commission's (AGFC) Madison County Wildlife Management Area 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 AGFC to protect and maintain the ecological diversity characteristic of a mosaic of plant communities representative of the Ozark Mountains. The management plan was updated and approved by the commission on 11/8/2011.

## Stewardship Activities:

The ANHC continued the ongoing cooperative work with the ONSC that includes ONSC staff performing routine grounds maintenance activities and ANHC staff attending committee meetings for the ONSC board of directors. A contractor executed a prescribed burn on 225 acres. The management plan was updated to reflect current status.

**Date of Last Visit:** 6/9/2012

## Status:

The area continues to be utilized by approximately 4,000 students each year. Field assessments noted heavy fuel loading from earlier ice storms has again been reduced by prescribed burning.

## Elements of Special Concern:

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

## Acquisition Summary:

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

## Benson Creek Natural Area

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

### Description:

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

### Access:

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

### Management Plan:

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

### Stewardship Activities:

ANHC staff worked with cooperators (USFWS, AGFC, and a Canoe Club) to install a water trail from the natural area to Hickson Lake. Staff also performed regular maintenance at the parking area, cleaned the entrance signs, and discussed invasive species control with USFWS biologists. A contractor executed a prescribed burn and monitored the cooperative cane restoration project.

**Date of Last Visit:** 6/20/2012

### Status:

A water trail was routed and interpretive panels installed. Canebrake restoration continued. 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>
Benson Creek 1 (Trice)	ANHC has a 45% undivided interest and The Nature Conservancy has a 55% undivided interest in fee title	\$61,155.00	\$35,000.00	7/8/1993	Natural and Cultural Resources Council
Benson Creek 2 (The Nature Conservancy-1)	Fee title	\$204,260.00	\$178,274.25	8/7/2006	Natural and Cultural Resources Council, Land Water Conservation Fund
Benson Creek 2 (The Nature Conservancy-2)	Fee title	\$70,739.20	\$61,740.00	9/26/2007	Natural and Cultural Resources Council, Land Water Conservation Fund
Benson Creek 3 (The Nature Conservancy)	Fee title	\$592,700.00	\$444,602.00	8/4/2008	U.S. Fish and Wildlife Service Grant, Gift
Benson Creek 4 (The Nature Conservancy)	Fee title	\$376,500.00	\$319,214.26	1/15/2009	U.S. Fish and Wildlife Service Grant, Natural and Cultural Resources Council
Benson Creek 5 (The Nature Conservancy)	Fee title	\$130,000.00	\$90,000.00	5/27/2009	Natural and Cultural Resources Council

# Big Creek Natural Area

**County Name:** Cleburne

**Size (in acres):** 1,507.676

**Latitude:** 35.5018

**Longitude:** -91.83698

**Description:**

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

**Access:**

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

**Management Plan:**

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

**Stewardship Activities:**

ANHC staff performed routine grounds maintenance, monitored natural gas extraction activities on adjacent lands, and maintained the trail including re-routing a section to control erosion. Staff also worked with the Arkansas Department of Environmental Quality to conduct fish surveys, macro invertebrate surveys, and general water quality studies. The management plan was updated to reflect current status.

**Date of Last Visit:** 6/21/2012

**Status:**

A portion of the trail was rerouted to control erosion. Water quality monitoring found no significant degradation of the overall water quality. Field assessments noted the need for ecological thinning.

**Elements of Special Concern**

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
Central Interior Highlands & Appalachian Sinkhole & Depression Pond		Natural Community
<i>Deschampsia flexuosa</i>	wavy hair grass	Plant
<i>Dulichium arundinaceum 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>Ptychobranhus 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 (moderately dry) tract containing an abundance of wildflowers and ferns, a free-flowing spring, and a small section of Big Fork Creek. The bluff and 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 mile to the parking area on the north side of the county road.

**Management Plan:**

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

**Stewardship Activities:**

ANHC staff installed a new entrance sign at the parking area, treated invasive species, and performed other routine grounds maintenance. Staff also performed a general plant inventory and a targeted survey for harperella. The management plan was updated to reflect current status.

**Date of Last Visit:** 6/13/2012

**Status:**

Inventory work added species to the plant list. The area continues to be utilized by the public. Field assessments noted no problems.

**Elements of Special Concern**

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Cardamine angustata</i>	slender toothwort	Plant
<i>Carex laevivaginata</i>	smooth-sheath sedge	Plant
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	Plant
<i>Dryopteris celsa</i>	log fern	Plant
<i>Hydrophyllum brownei</i>	Browne's waterleaf	Plant
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	Animal
<i>Plethodon serratus</i>	southern 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: 34.17993

Longitude: -91.9995

## Description:

Byrd Lake is an oxbow lake that still interacts with its parent stream, Bayou Bartholomew, in times of high water. The natural area is representative of the natural boundary between the Coastal Plain and the Mississippi Alluvial Plain. Bald cypress trees surround the lake, while adjoining lands support 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 limits of Pine Bluff, development of nearby private land has the potential to impact the ecological integrity of the natural area.

## Access:

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

## Management Plan:

The conservation vision is to protect and maintain the ecological diversity characteristic of a mosaic of aquatic and terrestrial communities at Byrd Lake along the boundary between the Mississippi Alluvial Plain and Coastal Plain of Arkansas. The management plan was updated and approved by the commission on 5/4/2010.

## Stewardship Activities:

ANHC staff conducted grounds maintenance activities that included significant roadside trash removal. ANHC staff also continued intensive invasive plant species control treatments and met on site for a quality circle workday. Volunteers continued to perform occasional trash removal along the sides of the road. ANHC staff toured the area with Arkansas Game and Fish Commission staff for a pre-construction meeting as part of a grant award for trail remediation. Staff also performed general plant inventories.

Date of Last Visit: 6/19/2012

## Status:

Additional woodland habitat structure was restored using a forestry mulcher on a portion of the area. Invasive species were reduced. Inventory work added one new tracked plant species to the plant list.

## Elements of Special Concern

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

## Acquisition Summary:

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

# Cache River Natural Area

**County Name:** Woodruff

**Size (in acres):** 937.43

**Latitude:** 35.15188

**Longitude:** -91.28856

**Description:**

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

**Access:**

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

**Management Plan:**

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

**Stewardship Activities:**

ANHC staff performed easement monitoring and trash removal, while AGFC continued daily management of the area. The management plan was updated to reflect current status.

**Date of Last Visit:** 6/20/2012

**Status:**

Field assessments noted no problems

**Elements of Special Concern**

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>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:**

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



## Cave Springs Cave Natural Area

**County Name:** Benton

**Size (in acres):** 57.265

**Latitude:** 36.26262

**Longitude:** -94.22622

### Description:

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

### Management Plan:

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

### Stewardship Activities:

ANHC staff continued intensive invasive species removal efforts with the assistance of a local volunteer group. Staff also continued monitoring the cave gate for unauthorized access and performed routine maintenance such as trimming vegetation around the gate, removing trash, and maintaining the entrance signs. A contractor executed a prescribed burn on 15 acres and maintained the hardwood restoration area. ANHC staff, along with other researchers, conducted an inventory of Ozark cavefish. The management plan was updated to reflect current status.

**Date of Last Visit:** 5/14/2012

### Status:

Field observations noted the cave fish population is stable and no evidence of white-nose syndrome in the bat populations. Inventory work added species to the plant list. The seedlings in the forest restoration project continue to survive.

### Elements of Special Concern

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

### Acquisition Summary:

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

## Chalk Bluff Natural Area

**County Name:** Clay

**Size (in acres):** 54.9252

**Latitude:** 36.47809

**Longitude:** -90.16495

### Description:

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

### Access:

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

### Management Plan:

The conservation vision is to work in conjunction with Clay County officials to protect and maintain the ecological diversity, natural communities, and rugged topography associated with Crowley's Ridge, within a historic and recreational park. The management plan was updated and approved by the commission on 2/2/2010.

### Stewardship Activities:

ANHC staff posted boundaries, completed plant inventories, and removed trash while conducting periodic site assessments. Clay County staff performed daily maintenance of the area.

**Date of Last Visit:** 5/4/2012

### Status:

Inventory work 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>
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: 35.33553

Longitude: -94.03834

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

## Stewardship Activities:

ANHC staff conducted plant inventories and performed routine grounds maintenance including boundary maintenance and roadside trash removal. A contractor executed a prescribed burn on 100 acres, and a second contractor removed invasive woody vegetation. ANHC staff also installed a new entrance sign.

Date of Last Visit: 5/2/2012

## Status:

Invasive plant species and hardwood encroachment continued to be reduced. Inventory work added species to the plant list. Field assessments noted no problems.

## Elements of Special Concern

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>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>Callophrys irus hadros</i>	Texas frosted elfin	Animal
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex opaca</i>	opaque prairie sedge	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Erythronium mesochoreum</i>	prairie trout-lily	Plant
<i>Gentiana puberulenta</i>	downy gentian	Plant
<i>Gryllotalpa major</i>	prairie mole cricket	Animal
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	Plant
<i>Koeleria macrantha</i>	prairie June grass	Plant
<i>Laphria vorax</i>	a robberfly	Animal
<i>Lithospermum incisum</i>	fringed puccoon	Plant
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	Plant
<i>Nicrophorus americanus</i>	American burying beetle	Animal
<i>Prenanthes aspera</i>	prairie rattlesnake-root	Plant
<i>Rhynchospora macrostachya</i>	prairie horned beaksedge	Plant
<i>Scleria muehlenbergii</i>	Muhlenberg's nut-rush	Plant
<i>Solidago tortifolia</i>	twist-leaf goldenrod	Plant
<i>Terrapene ornata ornata</i>	ornate box turtle	Animal

**Acquisition Summary:**

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
Cherokee Prairie 1 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 protect, restore, and maintain the mosaic of plant communities and associated ecological diversity of an Ozark tallgrass prairie ecosystem characteristic of Northwest Arkansas prairies. The management plan was updated and approved by the commission on 5/4/2010.

## Stewardship Activities:

ANHC staff conducted plant inventories. Contractors executed a prescribed burn, performed invasive species management and plant community monitoring as part of restoration work being done on the riparian woodland.

**Date of Last Visit:** 5/20/2012

## Status:

Inventory work documented one new tracked plant species and added new species to the plant list. Invasive plant species were reduced. The structure and species composition on a portion of the area was restored to riparian woodland.

## Elements of Special Concern

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

**Acquisition Summary:**

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

# Coffee Prairie Natural Area

County Name: Ashley

Size (in acres): 56

Latitude: 33.0595

Longitude: -92.05709

**Description:**

Coffee Prairie Natural Area, located in the Coastal Plain, preserves some of the last remaining examples of a type of grassland called "lowland sand prairie." This 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. Coffee Prairie Natural Area falls within the Beryl Anthony/Lower Ouachita Wildlife Management Area and is co-managed with the Arkansas Game and Fish Commission (AGFC).

**Access:**

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

**Management Plan:**

The conservation vision is to work with the AGFC to protect, restore, and maintain the ecological diversity of a lowland sand prairie in the Coastal Plain that supports an isolated population of the federally endangered shrub pondberry. The management plan was updated and approved by the commission on 2/2/2010.

**Stewardship Activities:**

ANHC staff monitored for pondberry due to extreme drought conditions and conducted general plant inventory. Staff installed a Natural and Cultural Resources Council sign and an Amendment 75 sign to the entrance sign. A contractor performed plant community monitoring.

**Date of Last Visit:** 9/13/2011

**Status:**

Follow-up monitoring indicates that extreme drought has negatively impacted vegetation. Inventory work added news species to the plant list. Rare plant monitoring did not verify existing populations of pondberry.

**Elements of Special Concern**

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

**Acquisition Summary:**

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

## Cossatot River State Park-Natural Area

**County Name:** Howard, Polk

**Size (in acres):** 4,470.20

**Latitude:** 34.29388

**Longitude:** -94.17704

### Description:

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

### Access:

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

### Management Plan:

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

### Stewardship Activities:

ANHC staff assisted USFWS and ASP staff with leopard darter surveys, performed general plant inventories, and targeted plant surveys. ANHC staff also participated in Family Fun Day at the park and a trail assessment. ASP staff continued with day-to-day management of the area as a state park.

**Date of Last Visit:** 9/1/2011

### Status:

Inventory work documented two new tracked plant species, added species to the plant list and verified the continued presence of leopard darters. Field assessments noted no problems.

### Elements of Special Concern

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



<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 squamiformis</i>	Ouachita twistflower	Plant
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	Plant
<i>Valerianella palmeri</i>	Palmer's cornsalad	Plant
<i>Vernonia lettermannii</i>	Letterman's ironweed	Plant

**Acquisition Summary:**

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

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
Cossatot River 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. A primitive foot-trail provides access to some of the natural area's most interesting features.

### Access:

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

### Management Plan:

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

### Stewardship Activities:

ANHC staff continued with intensive invasive species treatments, installed a loop trail, and maintained the parking area. ANHC staff also conducted water quality monitoring and macroinvertebrate sampling with Arkansas Department of Environmental Quality staff. Staff performed general plant inventories and also monitored plant communities and tracked plants. ANHC staff maintained the boundary and monitored for impacts of adjacent gas extraction activities. Staff met with a University of Central Arkansas professor and students to delineate areas for a pollinator study. ANHC staff met on site for a quality circle day to treat invasive species, and staff also toured the area with United States Forest Service and Arkansas Forestry Commission staff to monitor the grant funded invasive species removal project. The management plan was updated to reflect current status.

**Date of Last Visit:** 6/27/2012

### Status:

A loop trail was completed. Water quality monitoring found no significant degradation of overall water quality. Inventory work added 100 species to the plant list and documented one new tracked species. A boundary dispute was resolved by a survey.

### 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
<i>Philadelphus hirsutus</i>	hairy mock orange	Plant
<i>Trifolium carolinianum</i>	Carolina clover	Plant

### Acquisition Summary:

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

## Cow Shoals Riverfront Forest Natural Area

**County Name:** Cleburne

**Size (in acres):** 63.27

**Latitude:** 35.51316

**Longitude:** -91.93051

**Description:**

Cow Shoals Riverfront Forest Natural Area, located 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 (AGFC) holds fee title and co-manages this natural area.

**Access:**

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

**Management Plan:**

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

**Stewardship Activities:**

Staff from ANHC performed periodic site assessments. The management plan was updated to reflect current status.

**Date of Last Visit:** 5/11/2012

**Status:**

AGFC staff on-site reported no problems.

**Elements of Special Concern**

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

**Acquisition Summary:**

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

# Cut-off Creek Ravines Natural Area

**County Name:** Drew

**Size (in acres):** 377

**Latitude:** 33.40641

**Longitude:** -91.56307

**Description:**

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

**Access:**

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

**Management Plan:**

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

**Stewardship Activities:**

Staff from ANHC conducted easement monitoring and removed trash. The management plan was updated to reflect current status.

**Date of Last Visit:** 5/9/2012

**Status:**

Field assessments noted an on-going need for prescribed fire. AGFC continued 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:**

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

## Dardanelle Rock Natural Area

**County Name:** Yell

**Size (in acres):** 10

**Latitude:** 35.23778

**Longitude:** -93.16374

### Description:

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

### Access:

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

### Management Plan:

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

### Stewardship Activities:

ANHC staff monitored the area for inappropriate public use, removed trash, and maintained the boundaries.

**Date of Last Visit:** 6/7/2012

### Status:

Field assessments noted that litter and graffiti problems continued and that public use remained consistent.

### Elements of Special Concern

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

### Acquisition Summary:

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

## Devil's Knob-Devil's Backbone Natural Area

**County Name:** Izard

**Size (in acres):** 822.13

**Latitude:** 36.00592

**Longitude:** -92.04704

### Description:

Located in the Ozark Mountains, Devil's Knob-Devil's Backbone Natural Area includes 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 ecological diversity of glades, Ashe's juniper woodlands, post oak woodlands, and upland hardwood forests characteristic of the White River Hills section of the Ozark Mountains. The management plan was updated and approved by the commission on 2/8/2012.

### Stewardship Activities:

ANHC staff maintained boundaries, toured the area with ANHC commissioners, and inventoried plants. A contractor rehabilitated fire lines. ANHC staff removed invasive eastern red-cedar, thinned the understory, and worked with Izard County staff to install a new parking area. The management plan was updated to reflect current status.

**Date of Last Visit:** 5/18/2012

### Status:

A new parking area was completed. Additional cedar and hardwood mid-story thinning restored desirable woodland structure to a portion of the area. Inventory work documented one new tracked plant species and added species to the plant list.

### Elements of Special Concern

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

### Acquisition Summary:

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

# Downs Prairie Natural Area

**County Name:** Prairie

**Size (in acres):** 24

**Latitude:** 34.78142

**Longitude:** -91.49654

**Description:**

Downs Prairie Natural Area is one of the few remnants of tallgrass prairie left 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 one percent of those prairies remain.

**Access:**

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

**Management Plan:**

The conservation vision is to protect, restore, and maintain the ecological diversity of a tallgrass prairie remnant in the Grand Prairie region of eastern Arkansas. The management plan was updated and approved by the commission on 5/4/2010.

**Stewardship Activities:**

ANHC staff cleaned the entrance signs and continued invasive plant removal activities. Staff executed prescribed burns on two units, monitored the restoration area and conducted plant inventories. Researchers from the University of Tulsa inventoried prairie mole crickets.

**Date of Last Visit:** 5/11/2012

**Status:**

Invasive plant species were reduced. Monitoring documented the continued presence of prairie mole crickets. Field assessments noted no problems.

**Elements of Special Concern**

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

**Acquisition Summary:**

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



## Falcon Bottoms Natural Area

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

### Description:

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

### Access:

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

### Management Plan:

The conservation vision is to protect and maintain the ecological diversity of Bayou Dorcheat, a high-quality Coastal Plain stream, and its associated natural communities. The management plan was updated and approved by the commission on 5/4/2010.

### Stewardship Activities:

ANHC staff maintained the parking areas, installed a new entrance sign, treated invasive species, inventoried plants, and removed trash. Contractors maintained boundaries, removed beavers, blocked unauthorized vehicular traffic, installed fire lines on 10 burn units, and executed prescribed burns on six units.

**Date of Last Visit:** 6/20/2012

### Status:

Invasive animal species continue to be reduced. Prescribed burning improved the forest structure on a portion of the area. Inventory work added species to the plant list. One new tracked animal was documented for the area.

### Elements of Special Concern

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

### Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Falcon 1 (Crone)	Fee title	\$154,465.60	\$80,000.00	11/19/1991	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant
Falcon 2 (Crone)	Fee title	\$134,900.00	\$80,000.00	11/19/1991	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant
Falcon 3 (Georgia-Pacific)	Fee title	\$96,800.00	\$94,145.45	9/14/1992	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant
Falcon 4 (English)	Fee title	\$30,500.00	\$24,300.00	11/23/1992	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant
Falcon 5 (Deltic)	Fee title	\$124,135.00	\$124,000.00	9/20/1993	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant
Falcon 6 (International Paper Co.)	Service Grant	\$302,700.00	\$302,700.00	9/20/1993	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant

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

## Fernwood Seep Natural Area

**County Name:** Polk

**Size (in acres):** 9.59

**Latitude:** 34.34962

**Longitude:** -94.3881

### Description:

Fernwood Seep Natural Area consists of a complex of Ouachita Mountain wooded acid seeps, with a spring-fed stream and upland pine-oak/hickory forests. Wooded acid seeps are rapidly disappearing from the southeastern Ouachita Mountains and this site is the only example protected by the Arkansas Natural Heritage Commission (ANHC).

### Access:

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

### Management Plan:

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

### Stewardship Activities:

ANHC staff conducted routine grounds maintenance activities, general plant inventory, and a targeted survey for Ouachita twistflower. The management plan was updated to reflect current status.

**Date of Last Visit:** 10/7/2012

### Status:

Inventory work documented two new tracked 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>Cardamine angustata</i>	slender toothwort	Plant
<i>Carex latebracteata</i>	Waterfall's sedge	Plant
<i>Carex stricta</i>	tussock sedge	Plant
<i>Hemidactylium scutatum</i>	four-toed salamander	Animal

### Acquisition Summary:

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

## Foushee Cave Natural Area

**County Name:** Independence

**Size (in acres):** 2,732

**Latitude:** 35.72690

**Longitude:** -91.78843

### Description:

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

### Access:

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

### Management Plan:

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

### Stewardship Activities:

Ecological goals and stewardship activities were developed within the context of a conservation vision as part of the management plan for this new natural area. ANHC and Arkansas Game and Fish Commission staff toured the area to develop a public access plan and monitored bat species for evidence of white-nose syndrome. A contractor installed a new "bat accessible" gate to the cave entrance. Staff conducted plant inventories.

**Date of Last Visit:** 3/13/2012

### Status:

A new cave gate improved access for bats. Field observations noted no evidence of white-nose syndrome in the bat populations. Initial karst species lists and plant species lists were developed. Inventory work documented one new tracked plant species.

### Elements of Special Concern:

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

### Acquisition Summary:

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

## Gap Creek Natural Area

**County Name:** Montgomery

**Size (in acres):** 10.07

**Latitude:** 34.39285

**Longitude:** -93.58681

### Description:

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

### Access:

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

### Management Plan:

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

### Stewardship Activities:

ANHC staff performed plant inventory and routine grounds maintenance activities including boundary maintenance.

**Date of Last Visit:** 1/11/2012

### Status:

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

### Elements of Special Concern:

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

### Acquisition Summary:

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

## Garrett Hollow Natural Area

**County Name:** Washington

**Size (in acres):** 747.008

**Latitude:** 35.78526

**Longitude:** -94.411

### Description:

Garrett Hollow Natural Area is located at the northern edge of the Boston Mountains 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 protect and maintain the ecological diversity of Ozark woodland, forest, and karst communities in Northwest Arkansas that support a population of the federally endangered Ozark big-eared bat. The management plan was updated and approved by the commission on 5/4/2010.

### Stewardship Activities:

ANHC staff installed a new entrance sign, maintained the boundaries, removed trash, and installed a pass-through in the fence for easier public use.

**Date of Last Visit:** 5/8/2012

### Status:

Public access was improved by the installation of a pass-through gate. Field observations noted no evidence of white-nose syndrome in the bat populations. Inventory work added species to the plant list.

### Elements of Special Concern:

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

### Acquisition Summary:

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

## Goose Pond Natural Area

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

### Description:

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

### Access:

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

### Management Plan:

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

### Stewardship Activities:

AGFC staff conducted day-to-day management activities. ANHC staff periodically visited the area to remove trash and clear vegetation from around entrance sign. ANHC staff also monitored the conservation easement. The management plan was updated to reflect current status.

**Date of Last Visit:** 6/7/2012

### Status:

AGFC 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 Fund

## H. E. Flanagan Prairie Natural Area

**County Name:** Franklin

**Size (in acres):** 340.18

**Latitude:** 35.3591

**Longitude:** -93.99756

### Description:

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

### Access:

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

### Management Plan:

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

### Stewardship Activities:

ANHC staff maintained the boundaries, repaired fences, maintained the parking area, inventoried plants, and installed two new entrance signs. A contractor performed intense invasive species and woody vegetation control.

**Date of Last Visit:** 5/4/2012

### Status:

Invasive plant species were significantly reduced. Inventory work documented a new tracked plant and added species to the plant list.

### Elements of Special Concern:

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

### Acquisition Summary:

<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



<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
Flanagan 3 (Hudson)	Fee title	\$126,871.00	\$126,871.00	8/3/2010	1/8 Cent Conservation Tax

## Hall Creek Barrens Natural Area

**County Name:** Cleveland

**Size (in acres):** 647.3

**Latitude:** 33.81759

**Longitude:** -92.19725

### Description:

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

### Access:

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

### Management Plan:

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

### Stewardship Activities:

In addition to routine grounds maintenance, ANHC staff inspected the area as part of oversight for a one-time reserved timber deed and met with Potlatch to discuss observations. Staff also surveyed for geocarpon and inventoried plants. A contractor developed a forest management plan.

**Date of Last Visit:** 6/4/2012

### Status:

Continued ecological thinning on a portion of the area increased the site-appropriate forest structure and composition. Field assessments noted the need for invasive species removal. Inventory work added species to the plant list.

### Elements of Special Concern:

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

### Acquisition Summary:

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

## Hell Creek Natural Area

**County Name:** Stone

**Size (in acres):** 211.3782

**Latitude:** 35.90699

**Longitude:** -92.07728

### Description:

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

### Stewardship Activities:

ANHC staff maintained the boundaries, removed trash, installed warning signs at cave entrances, installed a new entrance sign, and monitored land development activities on adjacent lands for impacts to the natural area.

**Date of Last Visit:** 3/22/2012

### Status:

Field assessments noted no problems.

### Elements of Special Concern:

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

### Acquisition Summary:

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

## Holland Bottoms Willow Oak Forest Preserve

**County Name:** Lonoke

**Size (in acres):** 632.3

**Latitude:** 34.89646

**Longitude:** -92.06933

### Description:

Holland Bottoms Willow Oak Forest Preserve is located in the Mississippi Alluvial Plain. Jacks Bayou, a tributary of Bayou Two Prairie, bisects the natural area. A bottomland hardwood forest containing mature stands of willow oak, mixed with various other bottomland hardwood species, characterize the natural area. Only 18 percent of the bottomland hardwood forests that occurred across the Lower Mississippi Valley currently remain. The natural area falls within the Holland Bottoms Wildlife Management Area and is co-managed with the Arkansas Game and Fish Commission (AGFC).

### Access:

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

### Management Plan:

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

### Stewardship Activities:

AGFC staff conducted day-to-day management activities. ANHC staff assessed AGFC forest management on adjacent lands.

**Date of Last Visit:** 5/11/2012

### Status:

Field assessments noted no problems.

### Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>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 the topography and underlying soils, and included both bottomland and upland hardwood tree species. Prairie mounds are also scattered throughout the area, suggesting that it was once prairie thousands of years ago. Fee title is held by Prairie County.

### Access:

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

### Management Plan:

The conservation vision is to protect and maintain the ecological diversity of a hardwood flatwoods community characteristic of the Grand Prairie terraces of the Mississippi Alluvial Plain of eastern Arkansas. The management plan was updated and approved by the commission on 2/2/2010.

### Stewardship Activities:

ANHC staff installed a new entrance sign, maintained 1.25 miles of trail, maintained boundaries, and spoke with adjacent landowners about ATV restrictions on the natural area.

**Date of Last Visit:** 6/20/2012

### Status:

Field assessments noted unauthorized ATV use has been reduced. Trail rehabilitation was completed.

### Elements of Special Concern:

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

### Acquisition Summary:

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

# Iron Mountain Natural Area

County Name: Polk

Size (in acres): 260.51

Latitude: 34.52942

Longitude: -94.33754

## Description:

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

## Access:

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

## Management Plan:

The conservation vision is to protect and maintain the ecological diversity of a Ouachita Mountain upland shortleaf pine-hardwood forest, an associated intermittent stream, and its riparian watershed. The management plan was updated and approved by the commission on 2/2/2010.

## Stewardship Activities:

ANHC staff maintained the parking area, removed an old sign, inventoried plants, and surveyed for Ouachita twistflower.

Date of Last Visit: 6/13/2012

## Status:

Invasive plant species continued to be reduced. Inventory work documented two new tracked plant species and added species to the plant list.

## Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Acer saccharum var. leucoderme</i>	chalk maple	Plant
<i>Cardamine angustata</i>	slender toothwort	Plant
<i>Carex latebracteata</i>	Waterfall's sedge	Plant
<i>Plethodon serratus</i>	southern 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):** 1,059.386

**Latitude:** 35.8945

**Longitude:** -93.58484

## Description:

Kings River Falls Natural Area is located at the interface of the Springfield Plateau and Boston Mountains subdivisions of the Ozark Mountains. The natural area includes the Kings River with Kings River Falls being a focal point. Kings River is a clear mountain stream originating east of Boston in Madison County. The river flows for about 50 miles through Madison and Carroll Counties, eventually merging with Osage Creek before it flows into Table Rock Reservoir. A mixed 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 area. A diverse and colorful shrub community borders the stream.

## Access:

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

## Management Plan:

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

## Stewardship Activities:

ANHC staff maintained the boundaries, removed trash, and maintained the trail. Staff also toured the area with local officials and Arkansas Game and Fish Commission stream team technicians to develop plans for a streambank stabilization project and plans to repair the parking area. The management plan was updated to reflect current status.

**Date of Last Visit:** 6/12/2012

## Status:

An acquisition protected additional river frontage and a portion of the watershed. Coordination and design of a stream bank stabilization project was initiated to restore degraded areas along the Kings River and Mitchell Branch.

## Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	Plant
<i>Hieracium scabrum</i>	rough hawkweed	Plant
<i>Orconectes williamsi</i>	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
Kings River 6 (Eaton)	Fee title	\$279,000.70	\$279,000.00	3/8/2010	1/8 Cent Conservation Tax
Kings River 7 (Bennett)	Fee title	\$54,306.75	\$54,307.75	4/9/2010	1/8 Cent Conservation Tax
Kings River 8 (Throneberry)	Fee title	\$146,523.00	\$146,523.70	5/3/2010	1/8 Cent Conservation Tax
Kings River 9 (Johnson)	Fee title	\$203,601.60	\$203,601.60	5/31/2012	1/8 Cent Conservation Tax

# Kingsland Prairie Natural Area

**County Name:** Cleveland

**Size (in acres):** 399.19

**Latitude:** 33.8636

**Longitude:** -92.252

**Description:**

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

**Access:**

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

**Management Plan:**

The conservation vision is to protect, restore, and maintain the ecological diversity of Coastal Plain plant communities including flatwoods and woodlands, mound woodlands, saline barrens, and the federally threatened plant *geocarpon*. The management was approved by the commission on 2/2/2010.

**Stewardship Activities:**

ANHC staff surveyed for *geocarpon* and inventoried other plant species. Staff assisted the Missouri Botanical Garden's Center for Conservation and Sustainable Development in *geocarpon* seed collection for seed banking with the Center for Plant Conservation. ANHC staff also inspected water line work along the right-of-way and conducted other routine grounds maintenance activities.

**Date of Last Visit:** 6/4/2012

**Status:**

Inventory work added species to the plant list and documented the continued presence of *geocarpon*. One new tracked plant was reported for 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>Anthenantia texana</i>	Kral's silkyscale	Plant
<i>Crocantemum rosmarinifolium</i>	rosemary rock-rose	Plant
<i>Geocarpon minimum</i>	<i>geocarpon</i>	Plant
<i>Iva angustifolia</i>	slender marsh-elder	Plant
<i>Krigia occidentalis</i>	western dwarf-dandelion	Plant
<i>Schoenolirion wrightii</i>	Texas sunnybell	Plant
South Central Saline Glade		Natural Community
<i>Spiranthes praecox</i>	giant ladies'-tresses	Plant
<i>Symphyotrichum pratense</i>	barrens silky aster	Plant

**Acquisition Summary:**

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



# Konecny Grove Natural Area

**County Name:** Prairie

**Size (in acres):** 22.17

**Latitude:** 34.63496

**Longitude:** -91.59229

**Description:**

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

**Access:**

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

**Management Plan:**

The conservation vision is to protect, restore, and maintain the ecological diversity of the best remaining remnant of a prairie slash community in the Grand Prairie region of eastern Arkansas. The management plan was updated and approved by the commission on 2/2/2010.

**Stewardship Activities:**

ANHC staff continued to conduct invasive species treatments and routine grounds maintenance. Staff also monitored the conservation easement and discussed management activities with the landowner.

**Date of Last Visit:** 6/5/2012

**Status:**

Follow up treatments continue to reduce invasive plants from 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>Carex opaca</i>	opaque prairie sedge	Plant
<i>Crataegus x canescens</i>	Stern's medlar	Plant
<i>Empidonax traillii</i>	Willow Flycatcher	Animal
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	Plant

**Acquisition Summary:**

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

# Konecny Prairie Natural Area

**County Name:** Prairie

**Size (in acres):** 70.69

**Latitude:** 34.62665

**Longitude:** -91.58035

## Description:

Konecny Prairie Natural Area is the largest block of high-quality tallgrass prairie left in the Grand Prairie of eastern Arkansas (Mississippi Alluvial Plain). Konecny Prairie is dominated by big bluestem, little bluestem, switchgrass, and Indian grass. Forb diversity is high with such plant species as compass plant, prairie gayfeather, blazing star, American aloe, and black-eyed susan being common. Prior to settlement, the entire Grand Prairie ecosystem covered approximately 900,000 acres, with 320,000 acres of that total consisting of prairie. Today, less than one percent of the prairies 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 protect and maintain the ecological diversity of a tallgrass prairie remnant in the Grand Prairie region of eastern Arkansas. The management plan was updated and approved by the commission on 2/2/2010.

## Stewardship Activities:

ANHC staff inventoried plants and surveyed for prairie fringed-orchids, treated invasive species, and performed routine grounds maintenance. Staff also monitored the conservation easement and discussed management activities with the landowner.

**Date of Last Visit:** 6/5/2012

## Status:

Invasive woody plant species continue to be reduced. Inventory work added species to the plant list. Field assessments noted no problems.

## Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Antennaria neglecta</i>	field pussytoes	Plant
<i>Asclepias obovata</i>	savannah milkweed	Plant
<i>Asio flammeus</i>	Short-eared Owl	Animal
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex opaca</i>	opaque prairie sedge	Plant
<i>Cistothorus platensis</i>	Sedge Wren	Animal
<i>Cuscuta glomerata</i>	rope dodder	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Gryllotalpa major</i>	prairie mole cricket	Animal
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	Plant
Lower Mississippi Alluvial Plain		Natural Community
Grand Prairie		
<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 found on the area, including very large loblolly pines. The area also features several springs along with an assemblage of increasingly scarce plant species that are restricted to spring environments. American beech dominates the moist ravines and the beech-drops that grow parasitically on their roots are especially abundant. The natural area is contained within Logoly State Park and is managed jointly with Arkansas State Parks (ASP).

## Access:

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

## Management Plan:

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

## Stewardship Activities:

ASP staff conducted day-to-day management activities. ANHC staff monitored the conservation easement and discussed management activities with the park superintendent. The management plan was updated to reflect current status.

**Date of Last Visit:** 2/1/2012

## Status:

ASP staff installed additional interpretive panels on the trails and continued to perform daily management activities. Two new tracked animals were documented for the area. Field assessments noted the need for trail maintenance.

## Elements of Special Concern:

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

## Acquisition Summary:

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

# Longview Saline Natural Area

**County Name:** Ashley

**Size (in acres):** 2,215

**Latitude:** 33.34695

**Longitude:** -91.95473

## Description:

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

## Access:

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

## Management Plan:

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

## Stewardship Activities:

ANHC staff completed improvements to the new parking area, posted the boundaries of newly acquired tracts, inventoried plants, and inspected RCW cavities for recent activity. ANHC and TNC held a dedication ceremony in conjunction with a commission meeting. A contractor developed a forest management plan. The management plan was updated to reflect current status.

**Date of Last Visit:** 6/14/2012

## Status:

A major acquisition protected pine flatwoods and bottomlands along three miles of the Saline River, including habitat for eleven additional tracked species. Inventory work documented one new tracked plant and added species to the plant list.

## Elements of Special Concern:

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

## Acquisition Summary:

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

## Lorance Creek Natural Area

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

### Description:

Lorance Creek Natural Area is primarily a deep swamp that spreads out along both sides of Lorance Creek. The natural area includes a transition zone between the Coastal Plain and the Mississippi Alluvial Plain. The entire system is a diverse mosaic of open water, bald cypress-water tupelo swamps, 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 (TNC) owns adjoining property.

### Access:

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

### Management Plan:

The conservation vision is to work with TNC to protect, restore, and maintain the ecological diversity of natural communities at the transition between the Coastal Plain and the Mississippi Alluvial Plain, while maintaining public use facilities. The management plan was updated and approved by the commission on 2/2/2010.

### Stewardship Activities:

Weekly site monitoring and trash removal continued for the public-use facilities. ANHC staff led field trips for the Arkansas Native Plant Society, treated invasive plant species, monitored plant populations, maintained the trail and boardwalk, and toured the area with Arkansas Building Authority to discuss trail resurfacing. A contractor executed a prescribed burn on 75 acres and an understory thinning on 15 acres. ANHC staff also toured the area with staff from Arkansas Natural Resources Commission and Arkansas Highway and Transportation Department, inventoried plant species, and led a wetland plant identification class sponsored by ANRC.

**Date of Last Visit:** 6/29/2012

### Status:

Inventory work increased the plant list, verified that the barbed rattlesnake root population continues to increase with prescribed fire management, and documented a new tracked plant. Forest structure was improved. The trail surface remains degraded.

### Elements of Special Concern:

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

### Acquisition Summary:

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

# Louisiana Purchase Natural Area

**County Name:** Monroe,  
Lee, Phillips

**Size (in acres):** 35.102

**Latitude:** 34.64559

**Longitude:** -91.05422

**Description:**

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

**Access:**

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

**Management Plan:**

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

**Stewardship Activities:**

ASP staff conducted day-to-day management activities. ANHC staff monitored the conservation easement. The management plan was updated to reflect current status.

**Date of Last Visit:** 1/20/2012

**Status:**

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

**Elements of Special Concern:**

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

**Acquisition Summary:**

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

## Middle Fork Barrens Natural Area

**County Name:** Saline

**Size (in acres):** 135.98

**Latitude:** 34.63757

**Longitude:** -92.84207

### Description:

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

### Access:

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

### Management Plan:

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

### Stewardship Activities:

ANHC staff inventoried plant species, monitored a prairie rattlesnake-root population, assessed floristic response to prior ecological thinning projects, performed routine grounds maintenance, and installed a new entrance sign. Staff led field trips for a University of Central Arkansas restoration ecology class and naturalists visiting from Massachusetts and Texas. A contractor executed a prescribed burn on 15 acres.

**Date of Last Visit:** 1/13/2012

### Status:

Inventory work added species to the plant list. Field assessments noted an increase in an invasive plant species on a portion of the area. Flora in the restoration area surrounding the glades continues to respond favorably to habitat restoration.

### Elements of Special Concern:

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

### Acquisition Summary:

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

## Miller County Sandhills Natural Area

County Name: Miller

Size (in acres): 274.3104

Latitude: 33.19354

Longitude: -94.02781

### Description:

Miller County Sandhills Natural Area, located in the Coastal Plain, is one of the few remaining examples of relatively undisturbed sandhill vegetation in southwestern Arkansas. The area is marked by rolling topography and 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 Nature Conservancy (TNC) shares ownership on a portion of the area and also owns additional land adjacent to the natural area.

### Access:

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

### Management Plan:

The conservation vision is to work with TNC to protect, restore, and maintain the sandhill oak and shortleaf pine forests and woodlands, sandhill barrens, and seeps characteristic of the sandhills region of the Coastal Plain west of the Red River. The management plan was updated and approved by the commission on 5/4/2010.

### Stewardship Activities:

ANHC staff treated invasive species, maintained the parking area, posted the boundaries of newly acquired tracts, and inspected the results of a wildfire. A contractor executed a prescribed burn on 50 acres.

Date of Last Visit: 4/18/2012

### Status:

A new acquisition added sandhill habitat. Soil disturbance from a wildfire suppression was mitigated. Inventory work added new species to the plant list and documented a new tracked plant.

### Elements of Special Concern:

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



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

**Acquisition Summary:**

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

## Mills Park Natural Area

**County Name:** Saline

**Size (in acres):** 10.4763

**Latitude:** 34.60542

**Longitude:** -92.48287

### Description:

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

### Access:

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

### Management Plan:

The conservation vision is to protect and maintain the ecological diversity characteristic of a Coastal Plain wooded seep and its surrounding forest within the context of a city recreational park. The management plan was updated and approved by the commission on 5/4/2010.

### Stewardship Activities:

ANHC staff inventoried plants, maintained the boundaries, monitored the conservation easement, cleaned the entrance sign, removed trash, and discussed management activities with staff from Bryant Parks and Recreation Department.

**Date of Last Visit:** 6/1/2012

### Status:

Active public use continues. Field assessments noted no problems.

### Elements of Special Concern:

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

### Acquisition Summary:

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

# Moro Big Pine Natural Area-Wildlife Management Area

**County Name:** Calhoun

**Size (in acres):** 15,922.78

**Latitude:** 33.39717

**Longitude:** -92.41385

## Description:

Moro Big Pine Natural Area-Wildlife Management Area is part of a 120,000 acre site that is considered the best and largest remaining loblolly pine flatwoods in the Coastal Plain of Arkansas. The soils at this site are poorly-drained with a shallow fragipan that limits root penetration and creates wetland conditions during part of the growing season. Overall diversity is high with 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 (RCW). A conservation easement on the area ensures that some of this habitat is also managed to support increased game species like deer, turkey, and quail.

## Access:

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

## Management Plan:

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

## Stewardship Activities:

ANHC and TNC staff toured the site of a 400-acre wildfire to discuss plans for salvage logging and replanting of the burned area. At the annual Moro Big Pine NA/WMA management meeting held in Hampton, Arkansas, staff from ANHC, Arkansas Game and Fish Commission, Potlatch, and The Nature Conservancy discussed past and future management of Moro Big Pine. Potlatch executed prescribed burns on 3,500 acres. The management plan was updated to reflect current status.

**Date of Last Visit:** 2/2/2012

## Status:

The RCW population increased. Prescribed fire and thinning improved forest structure on a portion of the area. A wildfire occurred on 400 acres. A new tracked animal was documented for the area.

## Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Alophia drummondii</i>	pinewoods-lily	Plant
<i>Anthenantia texana</i>	Kral's silkyscale	Plant
<i>Coelorachis rugosa</i>	wrinkled joint-tail	Plant
<i>Dichanthelium scabriusculum</i>	tall swamp rosette grass	Plant
<i>Eriocaulon decangulare</i>	large-head pipewort	Plant
<i>Fuirena bushii</i>	Bush's umbrella sedge	Plant
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	Plant
<i>Hyla avivoca</i>	bird-voiced treefrog	Animal
<i>Lampropeltis triangulum amaura</i>	Louisiana 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>	Coastal Plain yellow-eyed-grass	Plant

## Acquisition Summary:

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

## Moro Creek Bottoms Natural Area

**County Name:** Cleveland

**Size (in acres):** 81.113

**Latitude:** 33.77712

**Longitude:** -92.32454

### Description:

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

### Access:

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

### Management Plan:

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

### Stewardship Activities:

In addition to routine grounds maintenance, staff inspected the boundary, cleaned the entrance signs, and monitored the area for impacts from feral hogs.

**Date of Last Visit:** 6/26/2012

### Status:

Field assessments noted no problems.

### Elements of Special Concern:

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

### Acquisition Summary:

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

## Nacatoch Ravines Natural Area

**County Name:** Hempstead

**Size (in acres):** 2,122.125

**Latitude:** 33.65034

**Longitude:** -93.83154

### Description:

Nacatoch Ravines Natural Area is one of the largest, and most intact, examples of mesic (moderately moist), dry-mesic, and dry upland forests remaining in the northern part of the Coastal Plain. Through much of the site, canopy trees average two to three feet or more in diameter, with many larger individual trees. The Nature Conservancy (TNC) shares ownership on portions of this area.

### Access:

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

### Management Plan:

The conservation vision is to work with TNC to protect, restore, and maintain the ecological diversity of terrestrial natural communities at the transition between the blackland prairie and the bottomlands along the Little River. The management plan was updated and approved by the commission on 5/4/2010.

### Stewardship Activities:

ANHC staff continued with intensive treatments of invasive kudzu, removed trash, maintained the boundaries, and installed a new entrance sign. ANHC and TNC staff also assessed a wildfire on the area. Contractors continued the aerial application of herbicide to the invasive kudzu and executed a prescribed burn.

**Date of Last Visit:** 6/7/2012

### Status:

Kudzu continued to be reduced by the aerial application of herbicide. A wildfire and a prescribed burn both improved forest structure on portions of 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>Carex decomposita</i>	cypress-knee sedge	Plant
<i>Carex kraliana</i>	Kral's sedge	Plant
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	Plant
<i>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
Nacatoch 5 (Anthony/Weyco)	Fee title & conservation easement (The Nature Conservancy holds fee title on 248 acres)	\$448,000.00	\$446,258.86	6/3/2010	Natural and Cultural Resources Council

## Palmetto Flats Natural Area

**County Name:** Little River

**Size (in acres):** 1,848

**Latitude:** 33.63689

**Longitude:** -94.26751

### Description:

Palmetto Flats Natural Area is the largest contiguous block of alluvial terrace forest remaining in the Red River Valley in Arkansas. It contains high-quality examples of 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 boundary. A parking area is located one mile north on the east side of the road. This area may be seasonally inaccessible due to flooding.

### Management Plan:

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

### Stewardship Activities:

ANHC staff treated invasive species, maintained boundary demarcation, and made improvements to the parking area to direct visitors to the natural area. The management plan was updated to reflect current status.

**Date of Last Visit:** 10/19/2011

### Status:

Improvements to the parking area improved public access. Field assessments noted the need for ecological thinning.

### Elements of Special Concern:

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

### Acquisition Summary:

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

## Pine City Natural Area

**County Name:** Monroe

**Size (in acres):** 1,043.21

**Latitude:** 34.60493

**Longitude:** -91.13565

### Description:

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

### Access:

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

### Management Plan:

The conservation vision is to protect, restore, and maintain a genetically distinct population of loblolly pine and the only known population of federally endangered RCW in the Mississippi Alluvial Plain. The management plan was updated and approved by the commission on 5/4/2010.

### Stewardship Activities:

ANHC staff assessed newly acquired tracts, maintained boundaries, removed trash dumps, executed a prescribed burn on 40 acres, and controlled understory vegetation. A contractor conducted plant community monitoring and a prescribed burn on 280 acres. ANHC contracted with a forestry mulcher to control mid-story vegetation on 15 acres. ANHC staff continued to monitor the federally endangered RCWs on site, cleaned nesting cavities, and worked on translocation of RCWs with the Ouachita National Forest. ANHC staff inventoried plant species, natural communities, and monitored for target plant species. Arkansas Forestry Commission was contracted to produce local genotype loblolly pine seedlings that another contractor planted in restoration areas. AFC also initiated a pine genetic comparison test using these local genotype pines seedlings.

**Date of Last Visit:** 6/27/2012

### Status:

A new acquisition protects additional RCW habitat. Pine seedlings were planted in restoration areas. Additional pine flatwoods were restored using a forestry mulcher. Inventory work added species to the plant list. The RCW population increased.

### Elements of Special Concern

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

### Acquisition Summary:

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

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
Pine City 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 City 14	Fee title	\$61,110.00	\$57,036.00	5/9/2011	Natural and Cultural Resources Council
Pine City 15	Fee title	\$60,000.00	\$60,000.00	12/15/2011	Natural and Cultural Resources Council



## Pine Hollow Natural Area

**County Name:** Newton

**Size (in acres):** 132.525

**Latitude:**

**Longitude:**

### Description:

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

### Access:

There is no public access to this natural area.

### Management Plan:

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

### Stewardship Activities:

ANHC monitored the conservation easement and the resident landowners continued to perform routine grounds maintenance of the area. The management plan was updated to reflect current status.

**Date of Last Visit:** 4/5/2012

### Status:

Increased fuel loads from earlier ice storms persist. Field assessments noted no other problems.

### Elements of Special Concern

#### Scientific Name

#### Common Name

#### Type of Element

None Recorded

### Acquisition Summary:

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

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

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

## Description:

Poison Springs State Forest Sand Barren includes more than 435 acres of sandhill barrens and woodland vegetation which support many rare species. A large portion of the site is treeless, with shrubs such as farkleberry and Carolina buckthorn filling in these areas. Margareta oak is the principal woodland tree here, along with Arkansas oak and bluejack oak. 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 managed in cooperation with the Arkansas Forestry Commission (AFC) and The Nature Conservancy (TNC).

## Access:

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

## Management Plan:

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

## Stewardship Activities:

ANHC staff maintained the boundaries, cleaned the entrance signs, removed trash, and blocked off ATV access points. Staff also completed a general plant inventory. The management plan was updated to reflect current status.

**Date of Last Visit:** 6/6/2012

## Status:

A new acquisition protects wetlands habitat. Inventory work documented four new tracked plant species and added species to the plant list. A new tracked animal was reported for the area.

## 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>	fringe-leaf hairsedge	Plant
<i>Carex leptalea</i>	bristly-stalk sedge	Plant
<i>Croton michauxii</i>	narrow-leaf rushfoil	Plant
<i>Cyperus grayoides</i>	Illinois flatsedge	Plant
<i>Cyperus hystricinus</i>	bristly flatsedge	Plant
<i>Danthonia sericea</i>	downy oat grass	Plant
<i>Delphinium carolinianum</i> ssp. <i>vimineum</i>	pinewoods larkspur	Plant
<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	Plant
<i>Eriogonum multiflorum</i> var. <i>multiflorum</i>	many-flower wild buckwheat	Plant
<i>Eurycea quadridigitata</i>	dwarf salamander	Animal
<i>Hyla avivoca</i>	bird-voiced treefrog	Animal
<i>Hymenopappus artemisiifolius</i> var. <i>artemisiifolius</i>	woolly-white	Plant
<i>Nuttallanthus canadensis</i>	sand blue toadflax	Plant
<i>Oenothera heterophylla</i> ssp. <i>orientalis</i>	eastern sandhill evening-primrose	Plant
<i>Penstemon murrayanus</i>	scarlet beardtongue	Plant
<i>Phacelia strictiflora</i> var. <i>robbinsii</i>	Robbins' prairie scorpion-weed	Plant
<i>Phemeranthus rugospermus</i>	rough-seed fameflower	Plant
<i>Pogonomyrmex comanche</i>	Comanche harvester ant	Animal

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

**Acquisition Summary:**

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

## Railroad Prairie Natural Area

**County Name:** Prairie, Lonoke

**Size (in acres):** 250.7

**Latitude:** 34.78175

**Longitude:** -91.69782

### Description:

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

### Access:

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

### Management Plan:

The conservation vision is to protect, restore, and maintain the array of natural communities and ecological diversity characteristic of the Grand Prairie ecosystem transitioning from bottomland hardwood forest, woodland and savanna to tallgrass prairie. The management plan was updated and approved by the commission on 5/4/2010.

### Stewardship Activities:

ANHC staff inventoried plant species, surveyed for targeted species, and collected a herbarium specimen that was not previously known from the Grand Prairie. Staff also treated invasive plant species, blocked unauthorized vehicle traffic, installed an entrance sign, maintained boundaries, and executed prescribed burns on 75 acres. Staff inspected an encroachment and discussed it with adjacent landowner who agreed to cease such activities.

**Date of Last Visit:** 6/20/2012

### Status:

Inventory work added species to the plant list. Invasive plant species were substantially reduced following prescribed fire management. Adjacent land management activity negatively impacted a portion of the prairie.

### Elements of Special Concern

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

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

**Acquisition Summary:**

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

## Rock Creek Natural Area

**County Name:** Sharp

**Size (in acres):** 414.68

**Latitude:** 36.22659

**Longitude:** -91.44052

### Description:

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

### Access:

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

### Management Plan:

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

### Stewardship Activities:

AGFC staff conducted day-to-day management activities. ANHC staff inventoried plants and amphibians, and surveyed for targeted plant species. Staff also removed trash, maintained the trail and boundaries, and treated invasive plant species. A contractor removed invasive eastern red-cedar trees. ANHC and Arkansas Department of Environmental Quality staff surveyed for fish species. ANHC staff monitored the conservation easement, removed additional invasive eastern red-cedars and other woody vegetation from the fen restoration areas and underneath the overhead utility lines. Staff also conducted post-treatment community monitoring of the fen and glade restoration areas.

**Date of Last Visit:** 6/7/2012

### Status:

AGFC continues to address negative impacts from public use. Ecological thinning has reduced invasive cedars. Monitoring of the treated areas revealed a return of native grasses and forbes. Inventory work increased the plant list.

### Elements of Special Concern

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

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Spiranthes lucida</i> Spring-Ozark Mountains	shining ladies'-tresses	Plant Natural Community
<i>Symphotrichum sericeum</i> Upland Stream-Ozark Mountains	silvery aster	Plant Natural Community
<i>Vitis rupestris</i>	sand grape	Plant

**Acquisition Summary:**

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

## Roth Prairie Natural Area

**County Name:** Arkansas

**Size (in acres):** 41.066

**Latitude:** 34.45407

**Longitude:** -91.57699

### Description:

Roth Prairie Natural Area is a tract of tallgrass prairie formerly managed for hay production. Grass species typical of tallgrass prairies dominate the site, such as big bluestem and Indiangrass. Prairie mounds occur across Roth Prairie, with some rising up to three feet in height. Prairie mounds are generally considered to be an indication that the prairie has never been plowed or leveled. Roth Prairie Natural Area represents one of the last few fragments of tallgrass prairie left in the Grand Prairie of eastern Arkansas (Mississippi Alluvial Plain). It has been estimated that, prior to settlement, the Grand Prairie contained approximately 320,000 acres of prairie. Less than one percent of these prairies currently remain. Arkansas State University (ASU) holds title to the land.

### Access:

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

### Management Plan:

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

### Stewardship Activities:

ANHC staff inspected the conservation easement, inventoried plants, maintained the parking area, removed invasive plant species, and repainted the entrance sign that had been vandalized. The management plan was updated to reflect current status.

**Date of Last Visit:** 5/30/2012

### Status:

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

### Elements of Special Concern

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

### Acquisition Summary:

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



# Saratoga Blackland Prairie Natural Area

**County Name:** Howard

**Size (in acres):** 66.3886

**Latitude:** 33.75806

**Longitude:** -93.91196

**Description:**

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

**Access:**

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

**Management Plan:**

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

**Stewardship Activities:**

ANHC staff installed a new entrance sign (along with associated Natural and Cultural Resources Council and Amendment 75 signs), cleared vegetation from around the sign, and removed invasive plant species.

**Date of Last Visit:** 6/7/2012

**Status:**

Invasive species were reduced. Field assessments noted no problems.

**Elements of Special Concern**

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

**Acquisition Summary:**

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

# Searles Prairie Natural Area

**County Name:** Benton

**Size (in acres):** 10

**Latitude:** 36.3557

**Longitude:** -94.14364

**Description:**

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

**Access:**

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

**Management Plan:**

The conservation vision is to protect, restore, and maintain the mosaic of plant communities and associated ecological diversity of an Ozark tallgrass prairie remnant on the Springfield Plateau of the Ozark Mountains. The management plan was updated and approved by the commission on 2/2/2010.

**Stewardship Activities:**

ANHC staff posted boundaries, removed woody vegetation, removed trash, repaired the rail fence, cleaned the entrance sign, and monitored the conservation easement. A contractor executed a prescribed burn on the entire 10 acres, controlled invasive species, and monitored plant communities.

**Date of Last Visit:** 5/10/2012

**Status:**

Invasive plant species were reduced mechanically and with prescribed fire. Inventory work added species to the plant list. The altered hydrology of the surrounding area continues to affect a portion of the prairie.

**Elements of Special Concern**

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

**Acquisition Summary:**

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

## Seven Devils Swamp Natural Area

**County Name:** Drew

**Size (in acres):** 1,076.26

**Latitude:** 33.57546

**Longitude:** -91.5789

### Description:

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

### Access:

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

### Management Plan:

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

### Stewardship Activities:

AGFC staff conducted day-to-day management activities. ANHC staff monitored the conservation easement.

**Date of Last Visit:** 5/9/2012

### Status:

Field assessments noted no problems.

### Elements of Special Concern:

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

### Acquisition Summary:

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

# Singer Forest Natural Area

**County Name:** Poinsett

**Size (in acres):** 519.44

**Latitude:** 35.46242

**Longitude:** -90.54101

## Description:

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

## Access:

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

## Management Plan:

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

## Stewardship Activities:

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

**Date of Last Visit:** 3/7/2012

## Status:

Field assessments noted no problems.

## Elements of Special Concern:

### Scientific Name

### Common Name

### Type of Element

None Recorded

## Acquisition Summary:

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

## Slippery Hollow Natural Area

**County Name:** Marion

**Size (in acres):** 1,155.121

**Latitude:** 36.35608

**Longitude:** -92.77574

### Description:

Slippery Hollow Natural Area, located in the 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 with calcareous glades on south- and west-facing portions. On the lower slopes, a mesic (moderately moist) 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 protect and maintain the ecological diversity of Ozark woodland, glade, forest, and karst communities in North-central Arkansas that support the eastern-most population of the federally endangered Ozark big-eared bat. The management plan was updated and approved by the commission on 4/30/2012.

### Stewardship Activities:

ANHC staff removed trash, maintained boundaries, and added The Nature Conservancy recognition signs to entrance signs. ANHC staff also worked with Madison County staff and a contractor to install a new parking area with fence and signs. Researchers surveyed for Ozark big-eared bats and the presence of white-nose syndrome. The management plan was updated to reflect current status.

**Date of Last Visit:** 5/31/2012

### Status:

A new acquisition protected an adjacent cave. Inventory work noted the persistence of the Ozark big-eared bat and found no evidence of white-nose syndrome in the bat populations. A new tracked plant was documented for the area.

### Elements of Special Concern:

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

### Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Slippery 1 (The Nature Conservancy/ Hulbert)	Fee title	\$66,000.00	\$51,031.88	6/19/1985	State General Improvement Fund, Land and Water Conservation Fund
Slippery 2 (Boone)	Fee title	\$19,000.00	\$18,000.00	12/15/1998	Natural and Cultural Resources Council
Slippery 3 (Bell)	Fee title	\$67,000.00	\$67,000.00	6/24/2002	Natural and Cultural Resources Council
Slippery 4 (Reed Cave)	Fee title	\$182,750.00	\$182,750.00	6/24/2004	Natural and Cultural Resources Council, Land Water Conservation Fund
Slippery 5 (Tanner)	Fee title	\$85,000.00	\$85,000.00	10/1/2007	U.S. Fish and Wildlife Service Grant
Slippery 6 (Williams)	Fee title	\$120,000.00	\$120,000.00	1/24/2008	U.S. Fish and Wildlife Service Grant
Slippery 7 (Davenport)	Fee title	\$162,289.40	\$98,087.00	8/27/2010	Natural and Cultural Resources Council
Slippery 8 (Williams 2)	Fee title	\$138,000.00	\$138,000.00	12/3/2010	Natural and Cultural Resources Council

<b>Tract Name</b>	<b>Legal Interest</b>	<b>Appraised Value</b>	<b>Purchase Price</b>	<b>Date Acquired</b>	<b>Funding Source</b>
Slippery 9 (Liebert)	Fee title	\$67,400.00	\$67,400.00	8/31/2011	Natural and Cultural Resources Council
Slippery 10 (Williams 3)	Fee title	\$69,000.00	\$69,000.00	2/22/2012	Natural and Cultural Resources Council

# Smoke Hole Natural Area

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

### Description:

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

### Access:

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

### Management Plan:

The conservation vision is to protect and maintain the ecological diversity characteristic of an area of the Grand Prairie region containing upland hardwood forest, bottomland hardwood forest, and tupelo swamp along Bayou Two Prairie. The management plan was updated and approved by the commission on 5/4/2010.

### Stewardship Activities:

ANHC staff treated invasive species, monitored public access, and cleared vegetation from around the entrance sign. Staff also discussed maintenance of a common levee with an adjacent landowner.

**Date of Last Visit:** 3/23/2012

### 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 and Water Conservation Fund

## St. Francis Sunken Lands Natural Area

**County Name:** Poinsett

**Size (in acres):** 80

**Latitude:** 35.68692

**Longitude:** -90.43968

### Description:

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

### Access:

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

### Management Plan:

The conservation vision is to protect and maintain the ecological diversity of bottomland hardwood forest communities characteristic of the St. Francis River Basin and to protect a portion of largest known population of federally endangered pondberry. The commission approved the management plan on 2/2/2010.

### Stewardship Activities:

ANHC staff maintained boundaries, installed an entrance sign, a Natural and Cultural Resources Council sign, and an Amendment 75 sign. ANHC staff also met onsite with staff from Missouri Department of Conservation to monitor the pondberry population and inventory plants. Arkansas Game and Fish Commission and ANHC staff made periodic site inspection trips to conduct routine grounds maintenance activities.

**Date of Last Visit:** 3/9/2012

### Status:

Inventory work documented the persistence of palm sedge and added species to the plant list. Prolonged flooding hindered the fruiting of the pondberry. Field assessments noted no other problems.

### Elements of Special Concern:

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

### Acquisition Summary:

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



# Stateline Sand Ponds Natural Area

**County Name:** Clay

**Size (in acres):** 140

**Latitude:** 36.49788

**Longitude:** -90.61163

## Description:

Stateline Sand Ponds Natural Area, located in the Mississippi Alluvial Plain, is a wooded tract composed of a mix of forest types set within a completely cleared agricultural landscape. The area is a portion of a larger 1,500-acre site that extends south and west into Arkansas and north and east into Missouri, and is part of a larger, landscape-scale conservation effort, as adjoining lands in Missouri protect similar habitat in that state. The geology of the natural area incorporates floodplains, terraces, and associated landforms of the Pleistocene Mississippi River and present day Black and Little Black Rivers. Dune fields extend across portions of northeastern Arkansas and southeastern Missouri. 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 protect, restore, and maintain the ecological diversity characteristic of sand pond communities in the Mississippi Alluvial Plain and to protect a population of the federally endangered shrub pondberry. The management plan was updated and approved by the commission on 2/2/2010.

## Stewardship Activities:

ANHC staff monitored the plant communities, maintained the boundaries, removed trash, and controlled woody vegetation within the utility right-of-way corridor.

**Date of Last Visit:** 4/19/2012

## Status:

Woody vegetation was reduced. Field assessments noted no problems.

## Elements of Special Concern:

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

## Acquisition Summary:

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

# Stone Road Glade Natural Area

**County Name:** Howard      **Size (in acres):** 108.23      **Latitude:** 34.07987      **Longitude:** -93.90398

**Description:**

Stone Road Glade Natural Area contains 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 protect, restore, and maintain the mosaic of plant communities and associated ecological diversity characteristic of limestone glades, blackland prairie, woodland and forests of the Coastal Plain in Arkansas. The management plan was updated and approved on 5/4/2010.

**Stewardship Activities:**

ANHC staff maintained the boundary and mapped invasive plant species. Staff also worked with Weyerhaeuser to obtain a key for the common access gate. ANHC staff visited the area with Arkansas Forestry Commission staff to monitor the ecological thinning project that was done under a formal bid.

**Date of Last Visit:** 5/15/2012

**Status:**

Ecological thinning improved forest structure on a portion of the area. Field assessments noted an increase in invasive plant species.

**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:**

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

# Striplin Woods Natural Area

**County Name:** Arkansas

**Size (in acres):** 30.0139861

**Latitude:** 34.36948

**Longitude:** -91.12404

## Description:

A 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 (USFWS).

## Access:

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

## Management Plan:

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

## Stewardship Activities:

USFWS White River Refuge staff conducted day-to-day management activities. Refuge staff, ANHC staff, and Youth Conservation Corps workers built a shared trail system that links the refuge visitor center to the natural area. The management plan was updated to reflect current status.

**Date of Last Visit:** 6/28/2012

## Status:

USFWS and ANHC staff completed the installation of a trail. 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
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, and forests. 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, restore, and maintain the ecological diversity of plant communities, including glades, woodlands, and riparian forests, characteristic of the Boston Mountains Ecoregion of the Ozark Mountains along Sweden Creek. The management plan was updated and approved by the commission on 5/10/2011.

### Stewardship Activities:

ANHC staff maintained the trail and boundaries, installed a new entrance sign, and periodically monitored for signs of artifact poaching. A contractor executed a prescribed burn on 165 acres and ANHC staff conducted post burn monitoring. ANHC staff also worked with Madison County officials to install a new parking area and remediate erosion problems along the trail.

**Date of Last Visit:** 6/5/2012

### Status:

Public access was improved with the installation of a new parking area and erosion control work along the trail. Prescribed fire management improved forest structure on a portion of the area. A new tracked plant was documented for the area.

### Elements of Special Concern:

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

### Acquisition Summary:

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

## Swifton Sand Ponds Natural Area

**County Name:** Jackson

**Size (in acres):** 60

**Latitude:** 35.858

**Longitude:** -91.0999

### Description:

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

### Access:

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

### Management Plan:

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

### Stewardship Activities:

ANHC staff removed trash, cleaned the entrance sign, maintained boundaries, monitored the conservation easement, and replaced vandalized posts and signs designed to block unauthorized vehicles. The management plan was updated to reflect current status.

**Date of Last Visit:** 5/8/2012

### Status:

Unauthorized vehicular traffic problems continued. Field assessments noted no other problems.

### Elements of Special Concern:

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

### Acquisition Summary:

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

## Taylor Woodlands Natural Area

**County Name:** Jefferson

**Size (in acres):** 137

**Latitude:** 34.19597

**Longitude:** -91.97174

### Description:

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

### Access:

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

### Management Plan:

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

### Stewardship Activities:

ANHC staff maintained the trail to the monument, cleaned the entrance sign, posted boundaries, and inspected an internal easement.

**Date of Last Visit:** 6/19/2012

### Status:

Field assessments noted no problems.

### Elements of Special Concern:

#### Scientific Name

#### Common Name

#### Type of Element

None Recorded

### Acquisition Summary:

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

# Terre Noire Natural Area

**County Name:** Clark

**Size (in acres):** 493.04

**Latitude:** 34.08696

**Longitude:** -93.17322

**Description:**

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

**Access:**

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

**Management Plan:**

The conservation vision is to work with TNC to protect, restore, and maintain the mosaic of blackland prairie, woodland and forest communities and associated ecological diversity characteristic of the Coastal Plain of Arkansas. The management plan was updated and approved on 5/4/2010.

**Stewardship Activities:**

ANHC staff continued intensive invasive species control, maintained boundaries, repaired fencing, monitored habitat restoration work, removed trash, and cleaned the entrance sign. A contractor cut invasive species in a study plot area, treated additional invasive species, and performed two prescribed burns. ANHC staff also conducted plant community monitoring, biological field inventories, and assisted a University of Arkansas at Little Rock professor with a Diana fritillary population study.

**Date of Last Visit:** 6/14/2012

**Status:**

Surveys indicated that tracked species are responding positively to blackland prairie and woodland restoration. Ecological thinning continued to reduce invasive species. Inventory work added species to the plant list. A new tracked animal was documented.

**Elements of Special Concern:**

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Amblyscirtes belli</i>	Bell's roadside skipper	Animal
<i>Astragalus crassicaarpus var. crassicaarpus</i>	purple ground-plum	Plant
<i>Atrytonopsis hianna</i>	Dusted Skipper	Animal
<i>Diaperia prolifera var. prolifera</i>	big-head rabbit-tobacco	Plant
<i>Enodia creola</i>	creole pearly eye	Animal
<i>Liatris squarrosa var. squarrosa</i>	hairy 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>Problema byssus</i>	byssus skipper	Animal
<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:**

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

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



## Warren Prairie Natural Area

**County Name:** Bradley, Drew

**Size (in acres):** 4,615.56

**Latitude:** 33.57956

**Longitude:** -91.98643

### Description:

Warren Prairie Natural Area, located in the Coastal Plain, consists of a mosaic of salt slicks, saline barrens, Delta post oak flatwoods, mound woodlands, pine flatwoods and woodlands, and bottomland hardwood forest communities. Soils at the site containing high amounts of sodium account for the sparse and irregular distribution of trees and the resultant dominance of grasses and other herbaceous vegetation in the barrens and associated woodlands. Stands of dwarf palmetto are distributed irregularly and lend a tropical aspect to the area. The natural area provides critical habitat for the state's largest population of the federally threatened plant, *Geocarpon minimum*. A breeding population of the federally endangered Red-cockaded Woodpecker (RCW) was reestablished between 2011 and 2012 through translocations from donor populations in Arkansas and Louisiana. The Nature Conservancy (TNC) owns a 40-acre parcel surrounded by 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 protect, restore, and maintain the ecological diversity of Coastal Plain plant communities including post oak flatwoods, mound woodlands, saline marsh, and barrens that support federally threatened and endangered species. The management plan was updated and approved by the commission on 5/10/2011.

### Stewardship Activities:

ANHC staff met on site with Arkansas Forestry Commission staff to discuss remediation of plow line scars from wildfire suppression crews. Staff also met with a contractor to plan the use of a forestry grinder to control mid-story vegetation and the bid recipient for an ecological thinning project. ANHC staff maintained the boundaries, recycled old internal gates for use at other locations, conducted plant inventory, and inspected two ecological timber thinning operations on easement tracts. Staff conducted maintenance on RCW cavity trees, monitored active nests, and participated with others in the translocation of two pairs of RCWs. ANHC staff also assisted staff from the Missouri Botanical Garden with geocarpon surveys and monitoring. ANHC staff met on site with a utility contractor and a researcher about sensitivity of RCW clusters and tracked plant species at the site. AFC was contracted to install fire lines, execute prescribed burning, and produce local shortleaf pine seedlings for restoration projects. A contractor conducted a prescribed burn and planted shortleaf pine seedlings.

**Date of Last Visit:** 6/6/2012

### Status:

A new acquisition protects additional RCW habitat. The population of RCWs increased following additional releases, successful nesting, and continued habitat restoration. Inventory work added species to the plant list.

### Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>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>Crocianthemum rosmarinifolium</i>	rosemary rock-rose	Plant
<i>Dichantheium dichotomum ssp. roanokense</i>	Roanoke rosette grass	Plant
<i>Dryopteris ludoviciana</i>	southern wood fern	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Evolvulus sericeus</i>	silver dwarf morning-glory	Plant
<i>Geocarpon minimum</i>	geocarpon	Plant
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	Plant
<i>Krigia occidentalis</i>	western dwarf-dandelion	Plant
<i>Leersia hexandra</i>	southern cut grass	Plant
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	Animal
<i>Picoides borealis</i>	Red-cockaded Woodpecker	Animal
<i>Prenanthes barbata</i>	barbed rattlesnake-root	Plant
<i>Regina rigida sinicola</i>	gulf crayfish snake	Animal
<i>Rhynchospora colorata</i>	white-top sedge	Plant
<i>Rhynchospora globularis var. globularis</i>	globe beaksedge	Plant
<i>Schoenolirion wrightii</i>	Texas sunnybell	Plant

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
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>	barrens silky aster	Plant

**Acquisition Summary:**

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

# White Cliffs Natural Area

County Name: Little River

Size (in acres): 573

Latitude: 33.76603

Longitude: -94.05902

## Description:

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

## Access:

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

## Management Plan:

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

## Stewardship Activities:

ANHC staff performed trail maintenance that included re-routing a section due to large trees that had fallen across the trail. A contractor executed a prescribed burn and ANHC staff conducted post burn monitoring.

Date of Last Visit: 6/12/2012

## Status:

A prescribed burn improved forest and woodland structure on a portion of the area. A section of the trail was rerouted. 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>Astragalus crassicaeris</i> var. <i>crassicaeris</i>	purple ground-plum	Plant
<i>Astragalus nuttallianus</i> var. <i>nuttallianus</i>	Nuttall's milk-vetch	Plant
<i>Carex comosa</i>	bottle-brush sedge	Plant
<i>Cooperia drummondii</i>	rain-lily	Plant
<i>Delphinium carolinianum</i> ssp. <i>virescens</i>	plains larkspur	Plant
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	Plant
<i>Glandularia bipinnatifida</i> var. <i>bipinnatifida</i>	Dakota vervain	Plant
<i>Haliaeetus leucocephalus</i>	Bald Eagle	Animal
<i>Hexalectris spicata</i> var. <i>spicata</i>	crested-coralroot	Plant
<i>Indigofera miniata</i>	scarlet-pea	Plant
<i>Juniperus ashei</i> Dry Chalk Outcrop Woodland		Natural Community
<i>Liatris squarrosa</i> var. <i>squarrosa</i>	hairy scaly blazing-star	Plant
<i>Malvastrum hispidum</i>	yellow false mallow	Plant
<i>Nemastylis geminiflora</i>	celestial-lily	Plant
<i>Oenothera spachiana</i>	Spach's evening-primrose	Plant
<i>Penstemon cobaea</i>	showy beardtongue	Plant
<i>Physalis cinerascens</i> var. <i>cinerascens</i>	small-flower ground-cherry	Plant
<i>Physaria gracilis</i> ssp. <i>gracilis</i>	slender bladderpod	Plant
<i>Plantago rhodosperma</i>	red-seed plantain	Plant

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

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

# Wittsburg Natural Area

**County Name:** Cross

**Size (in acres):** 167.65

**Latitude:**

**Longitude:**

**Description:**

As a good example 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 and both plant species occur in Wittsburg Natural Area. American beech and sugar maple are common as well. The natural area also includes almost the entire watershed for a small network of intermittent streams. The topography is deeply dissected and the upper slopes are extremely steep.

**Access:**

There is no public access to this natural area.

**Management Plan:**

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

**Stewardship Activities:**

ANHC staff maintained the boundaries, installed an Land and Water Conservation Fund sign, removed an illegal deer stand, removed trash, and inventoried plant species.

**Date of Last Visit:** 5/30/2012

**Status:**

Erosion problems persist due to adjacent gravel mining. Inventory work documented one new tracked plant and added species to the plant list. Field assessments noted no other problems.

**Elements of Special Concern:**

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

**Acquisition Summary:**

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

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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 in perpetuity. At that time, the commissioners recognized a better way of managing a registry of the state's significant natural sites. They clarified that the Registry of Natural Areas would consist of the list of special species and their locations that is contained in the inventory information maintained by ANHC.

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



Ozark hellbender  
(*Cryptobranchus alleganiensis bishop*)

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

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

# Arkansas Counties





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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.
- PE = Proposed Endangered. The U.S. Fish and Wildlife Service has proposed this species for listing as endangered under the Endangered Species Act.

#### STATE STATUS CODES

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

### DEFINITION OF RANKS

#### Global Ranks

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

### State Ranks

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

### General Ranking Notes

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4G5	S2
<i>Euphyes dukesi</i>	Duke's skipper	-	INV	G3	S1S2
<i>Gryllotalpa major</i>	prairie mole cricket	-	INV	G3	S1S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Laphria vorax</i>	a robberfly	-	INV	GNR	S1
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lirceus louisianae</i>	an isopod	-	INV	GNR	S1
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<b>Animals-Vertebrates</b>					
<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>Lampropeltis triangulum amaura</i>	Louisiana milk snake	-	INV	G5T4	S3
<i>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Moxostoma pisolabrum</i>	pealip redbhorse	-	INV	G5	S2?
<i>Mugil cephalus</i>	striped mullet	-	INV	G5	S1?
<i>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>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N

Arkansas County (cont.)

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	G3G4T3	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	SE	G1	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
<b>Animals-Vertebrates</b>					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>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 hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Rallus elegans</i>	King Rail	-	INV	G4	S1B,S3N
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<b>Plants-Vascular</b>					
<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	G3	S2
<i>Carex glaucescens</i>	southern waxy sedge	-	INV	G4	S1
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3

Ashley County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Coelorachis rugosa</i>	wrinkled joint-tail	-	INV	G5	S2
<i>Crassula aquatica</i>	water pygmyweed	-	INV	G5	S1S3
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Crocanthemum rosmarinifolium</i>	rosemary rock-rose	-	INV	G4	S1
<i>Cuscuta obtusiflora var. glandulosa</i>	glandular dodder	-	INV	G5T4T5	SU
<i>Didiplis diandra</i>	water-purslane	-	INV	G5	S1S3
<i>Eleocharis wolffii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eryngium integrifolium</i>	blue-flower eryngo	-	INV	G5	S2
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Heliopsis gracilis</i>	pinewoods ox-eye	-	INV	G5?	S1
<i>Hypericum apocynifolium</i>	dogbane St. John's-wort	-	INV	GNR	S1S2
<i>Hypericum virgatum</i>	sharp-leaf St. John's-wort	-	INV	G4?	S1
<i>Ilex verticillata</i>	winterberry	-	ST	G5	S2
<i>Krigia occidentalis</i>	western dwarf-dandelion	-	INV	G5	S3
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2
<i>Micranthes virginiana</i>	early saxifrage	-	INV	G5	S1S2
<i>Mitreola sessilifolia</i>	swamp hornpod	-	INV	G4G5	S2
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Polygala nana</i>	candyroot	-	INV	G5	S2S3
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Quercus hemisphaerica</i>	Darlington's oak	-	INV	G5	S1S2
<i>Schoenolirion wrightii</i>	Texas sunnybell	-	ST	G3	S2S3
<i>Seymeria cassioides</i>	yaupon black-senna	-	INV	G5	S1
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Sporobolus pyramidatus</i>	whorled dropseed	-	ST	G5	S2
<i>Stylisma aquatica</i>	water dawnflower	-	INV	G4	S1S2
<b>Special Elements-Natural Communities</b>					
Lower Mississippi Alluvial Plain Grand Prairie		-	INV	GNR	SNR
Lowland Pine-Oak Forest		-	INV	GNR	SNR
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
<b>Animals-Invertebrates</b>					
<i>Amblyscirtes aesculapius</i>	lace-winged roadside skipper	-	INV	G3G4	S1S3
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S2
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Epioblasma triquetra</i>	snuffbox	LE	SE	G3	S1
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Heterosternuta sulphuria</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Orconectes neglectus chaenodactylus</i>	ringed crayfish	-	INV	G5T3	S3
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Somatogyryus crassilabris</i>	thicklipped pebblesnail	-	INV	GX	SX
<b>Animals-Vertebrates</b>					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Cryptobranchus alleganiensis bishopi</i>	Ozark hellbender	LE	SE	G3G4T2Q	S2
<i>Cyprinella camura</i>	bluntnose shiner	-	INV	G5	SH
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma autumnale</i>	autumn darter	-	INV	GNR	S2
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Moxostoma anisurum</i>	silver redhorse	-	INV	G5	S1?
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>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 hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Typhlichthys subterraneus</i>	southern cavefish	-	INV	G4	S1
<b>Plants-Vascular</b>					
<i>Abutilon fruticosum</i>	Texas Indian-mallow	-	INV	G4G5	S1
<i>Acalypha deamii</i>	Deam's copperleaf	-	INV	G4?	S1
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Carex arkansana</i>	Arkansas sedge	-	INV	G4	S1
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex davisii</i>	Davis' sedge	-	INV	G4	S3
<i>Carex gracillima</i>	graceful sedge	-	INV	G5	S1
<i>Carex gravida</i>	heavy sedge	-	INV	G5	S2S3
<i>Carex hirtifolia</i>	hairy sedge	-	INV	G5	S3
<i>Carex hitchcockiana</i>	Hitchcock's sedge	-	INV	G5	S1S2
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Carex suberecta</i>	prairie straw sedge	-	INV	G4	S2
<i>Carex timida</i>	timid sedge	-	INV	G2G4	S2S3
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2

**Baxter County (cont.)**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Cheilanthes eatonii</i>	Eaton's lip fern	-	INV	G5?	S1
<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>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</i> var. <i>paradoxa</i>	yellow coneflower	-	ST	G2T2	S2
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Elymus riparius</i>	river-bank wild rye	-	INV	G5	S1S2
<i>Euonymus obovatus</i>	running strawberry-bush	-	INV	G5	S3
<i>Gillenia trifoliata</i>	Bowman's-root	-	INV	G4G5	S1
<i>Hexalectris spicata</i> var. <i>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</i> var. <i>mucronata</i>	dotted gayfeather	-	INV	G5T5	S2
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Mentha arvensis</i>	wild mint	-	INV	G5	S1
<i>Mentzelia oligosperma</i>	stick-leaf	-	INV	G4	S1
<i>Mimulus ringens</i> var. <i>ringens</i>	Allegheny monkey-flower	-	INV	G5T5	S1S2
<i>Mitella diphylla</i>	miterwort	-	INV	G5	S2
<i>Pediomelum esculentum</i>	large Indian-breadroot	-	INV	G5	S2
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Phacelia giliioides</i>	Brand's scorpion-weed	-	INV	G5	S2S3
<i>Plantago cordata</i>	heart-leaf plantain	-	ST	G4	S2
<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	white water crowfoot	-	INV	G5T5	S2S3
<i>Rhynchospora capillacea</i>	capillary beaksedge	-	INV	G4	S2
<i>Schoenoplectus acutus</i> var. <i>acutus</i>	hard-stem bulrush	-	INV	G5T5	S1
<i>Scutellaria bushii</i>	Bush's skullcap	-	ST	G3	S2
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Solidago gattingeri</i>	Gattinger's goldenrod	-	INV	G3?Q	S1
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	-	INV	G5	S1S2
<i>Spiranthes lucida</i>	shining ladies'-tresses	-	INV	G5	S2
<i>Stenosiphon linifolius</i>	false gaura	-	ST	G5	S1
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Thalictrum dioicum</i>	early meadow-rue	-	INV	G5	S1
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Veratrum woodii</i>	Wood's false hellebore	-	INV	G5	S3
<i>Viola canadensis</i> var. <i>canadensis</i>	Canadian white violet	-	INV	G5T5	S2
<i>Vitis rupestris</i>	sand grape	-	INV	G3	S3
<i>Zannichellia palustris</i>	horned-pondweed	-	INV	G5	S2S3
<b>Special Elements-Natural Communities</b>					
Central Interior Highlands Calcareous Glade and Barrens		-	INV	GNR	SNR
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	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	SE	G1	S1
<i>Cambarus setosus</i>	bristly cave crayfish	-	INV	G3	S1
<i>Crosbyella roeweri</i>	a cave obligate harvestman	-	INV	G1G2	S1
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Gryllotalpa major</i>	prairie mole cricket	-	INV	G3	S1S2
<i>Hesperia meskei</i>	Meske's skipper	-	INV	G3G4	S1S2
<i>Hesperocheilus occidentalis</i>	a pseudoscorpion	-	INV	G5	S1
<i>Heterosternuta sulphuria</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lampsilis rafinesqueana</i>	Neosho mucket	C	SE	G2	S1
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligidium elrodii</i>	an isopod	-	INV	G4G5	S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Nicrophorus americanus</i>	American burying beetle	LE	SE	G2G3	S1
<i>Orconectes meeki brevis</i>	a crayfish	-	INV	G4T3	S2
<i>Orconectes nana</i>	a crayfish	-	INV	G3	S3
<i>Orconectes williamsi</i>	William's crayfish	-	INV	G3	S1
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	G3G4T3	S2
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Speyeria idalia</i>	regal fritillary	-	INV	G3	S1
<i>Stygobromus onondagaensis</i>	an amphipod	-	INV	G3	S1?
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S2
<i>Trigenotyia parca</i>	a cave obligate millipede	-	INV	G1G2	S1
<i>Venustaconcha ellipsiformis</i>	ellipse	-	INV	G4	S1
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Amblyopsis rosae</i>	Ozark cavefish	LT	SE	G3	S1
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	S3
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Cistothorus platensis</i>	Sedge Wren	-	INV	G5	S1B,S4N
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Empidonax traillii</i>	Willow Flycatcher	-	INV	G5	S1B,S3N
<i>Etheostoma cragini</i>	Arkansas darter	C	SE	G3G4	S1
<i>Etheostoma microperca</i>	least darter	-	INV	G5	S1
<i>Etheostoma mihileze</i>	sunburst darter	-	INV	GNR	S3
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Eurycea tynerensis</i>	Oklahoma salamander	-	INV	G3	S3

**Benton County (cont.)**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lepus californicus</i>	black-tailed jackrabbit	-	INV	G5	S1S2
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Nocomis asper</i>	redspot chub	-	INV	G4	S2?
<i>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	G5T5	S1S2
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Androsace occidentalis</i>	rock-jasmine	-	INV	G5	S1
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Artemisia ludoviciana ssp. mexicana</i>	white sagebrush	-	INV	G5T5?	S1S2
<i>Asclepias incarnata ssp. incarnata</i>	swamp milkweed	-	INV	G5T5	S2
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Asplenium x kentuckiense</i>	Kentucky spleenwort	-	INV	GNA	SH
<i>Bromus nottowayanus</i>	satin brome	-	INV	G3G5	S2
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G3	S2
<i>Camassia angusta</i>	prairie wild hyacinth	-	INV	G5?Q	S2S3
<i>Carex aggregata</i>	cluster sedge	-	INV	G5	S1
<i>Carex bicknellii</i>	Bicknell's sedge	-	INV	G5	S1
<i>Carex buxbaumii</i>	brown bog sedge	-	INV	G5	S1
<i>Carex conjuncta</i>	soft fox sedge	-	INV	G4G5	S1
<i>Carex conoidea</i>	open-field sedge	-	INV	G5	S1
<i>Carex davisii</i>	Davis' sedge	-	INV	G4	S3
<i>Carex gracilescens</i>	slender wood sedge	-	INV	G5?	S2
<i>Carex gravida</i>	heavy sedge	-	INV	G5	S2S3
<i>Carex hirtifolia</i>	hairy sedge	-	INV	G5	S3
<i>Carex hitchcockiana</i>	Hitchcock's sedge	-	INV	G5	S1S2
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Carex pellita</i>	woolly sedge	-	INV	G5	S1S2
<i>Carex prasina</i>	drooping sedge	-	INV	G4	SH
<i>Carex scoparia var. scoparia</i>	pointed broom sedge	-	INV	G5T5	S1S2
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Collinsia verna</i>	blue-eyed Mary	-	INV	G5	S1
<i>Crataegus coccinioides</i>	Kansas hawthorn	-	INV	G4?	SH
<i>Cuscuta glomerata</i>	rope dodder	-	INV	G5	S1

**Benton County (cont.)**

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

**Benton County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<b>Special Elements-Natural Communities</b>					
	Cave Stream	-	INV	GNR	SNR
	Ozark Prairie and Woodland	-	INV	GNR	SNR
<b>Special Elements-Other</b>					
	Colonial nesting site, water birds	-	INV	GNR	SNR
	Geological feature	-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>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 sulphuria</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	G3	S1
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<b>Animals-Vertebrates</b>					
<i>Empidonax traillii</i>	Willow Flycatcher	-	INV	G5	S1B,S3N
<i>Etheostoma autumnale</i>	autumn darter	-	INV	GNR	S2
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
<b>Plants-Vascular</b>					
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G3	S2
<i>Carex bicknellii</i>	Bicknell's sedge	-	INV	G5	S1
<i>Carex gravida</i>	heavy sedge	-	INV	G5	S2S3
<i>Carex hirtifolia</i>	hairy sedge	-	INV	G5	S3
<i>Carex laevivaginata</i>	smooth-sheath sedge	-	INV	G5	S2
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Carex suberecta</i>	prairie straw sedge	-	INV	G4	S2
<i>Cooperia drummondii</i>	rain-lily	-	INV	G5	S1S2
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	-	INV	G5TNR	S1S3
<i>Drymocallis arguta</i>	tall cinquefoil	-	ST	G5	S1S2
<i>Echinacea paradoxa</i> var. <i>paradoxa</i>	yellow coneflower	-	ST	G2T2	S2
<i>Elymus glaucus</i> ssp. <i>mackenzii</i>	Mackenzie's blue wild rye	-	INV	G5TNR	S1
<i>Elymus virginicus</i> var. <i>intermedius</i>	intermediate wild rye	-	INV	GNR	S1
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Euphorbia missurica</i>	Missouri spurge	-	INV	G5	S2
<i>Gentiana alba</i>	pale gentian	-	INV	G4	S1
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Glyceria acutiflora</i>	creeping manna grass	-	INV	G5	S1

**Boone County (cont.)**

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



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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Neonympha areolatus</i>	Georgia satyr	-	INV	G3G4	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	G3G4T3	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	SE	G1	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Toxolasma lividum</i>	purple lilliput	-	INV	G3	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>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 cyclopion</i>	Mississippi green water snake	-	INV	G5	S3
<i>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<b>Plants-Vascular</b>					
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Anthenantia texana</i>	Kral's silkscale	-	INV	G3G4	S3
<i>Carex laevivaginata</i>	smooth-sheath sedge	-	INV	G5	S2
<i>Cladium jamaicense</i>	saw-grass	-	INV	G5	SH
<i>Coelorachis rugosa</i>	wrinkled joint-tail	-	INV	G5	S2
<i>Crocantemum rosmarinifolium</i>	rosemary rock-rose	-	INV	G4	S1
<i>Dichanthelium dichotomum ssp. roanokense</i>	Roanoke rosette grass	-	INV	G5TNR	S1

**Bradley County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Dryopteris ludoviciana</i>	southern wood fern	-	INV	G4	S1
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Evolvulus sericeus</i>	silver dwarf morning-glory	-	ST	G5	S1
<i>Geocarpon minimum</i>	geocarpon	LT	SE	G2	S2
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Krigia occidentalis</i>	western dwarf-dandelion	-	INV	G5	S3
<i>Leersia hexandra</i>	southern cut grass	-	INV	G5	S1
<i>Mitreola sessilifolia</i>	swamp hornpod	-	INV	G4G5	S2
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Polygala nana</i>	candyroot	-	INV	G5	S2S3
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Pseudolycopodiella caroliniana</i>	slender bog club-moss	-	INV	G4	S1
<i>Quercus hemisphaerica</i>	Darlington's oak	-	INV	G5	S1S2
<i>Rhynchospora colorata</i>	white-top sedge	-	SE	G5	S1
<i>Rhynchospora globularis</i> var. <i>globularis</i>	globe beaksedge	-	INV	G5?T5?	S2
<i>Rhynchospora gracilentia</i>	slender beaksedge	-	INV	G5	S2
<i>Rhynchospora rariflora</i>	few-flower beaksedge	-	ST	G5	S1S2
<i>Schoenolirion wrightii</i>	Texas sunnybell	-	ST	G3	S2S3
<i>Seymeria cassioides</i>	yaupon black-senna	-	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>	barrens silky aster	-	ST	G4?	S2
<i>Viburnum acerifolium</i>	maple-leaf viburnum	-	INV	G5	S1
<i>Xyris ambigua</i>	Coastal Plain yellow-eyed-grass	-	INV	G5	S2S3
<b>Special Elements-Natural Communities</b>					
Lowland Oak-Hickory Forest		-	INV	GNR	SNR
Lowland Oak-Sweetgum Forest		-	INV	GNR	SNR
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
<b>Animals-Invertebrates</b>					
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	SE	G1	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Neonympha areolatus</i>	Georgia satyr	-	INV	G3G4	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	G3G4T3	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	SE	G1	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<b>Animals-Vertebrates</b>					
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lampropeltis triangulum amaura</i>	Louisiana milk snake	-	INV	G5T4	S3
<i>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Plethodon kisatchie</i>	Louisiana slimy salamander	-	INV	G3G4	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<b>Plants-Vascular</b>					
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Andropogon virginicus var. glaucus</i>	chalky bluestem	-	INV	G5T4T5	S1
<i>Anthenantia texana</i>	Kral's silkyscale	-	INV	G3G4	S3
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Carex glaucescens</i>	southern waxy sedge	-	INV	G4	S1
<i>Coelorachis rugosa</i>	wrinkled joint-tail	-	INV	G5	S2
<i>Cyperus haspan</i>	haspan flatsedge	-	INV	G5	S2
<i>Dichanthelium scabriusculum</i>	tall swamp rosette grass	-	INV	G4	S1S2
<i>Drosera capillaris</i>	pink sundew	-	INV	G5	S1
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eriocaulon decangulare</i>	large-head pipewort	-	INV	G5	S1S2
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Eryngium integrifolium</i>	blue-flower eryngo	-	INV	G5	S2
<i>Fuirena bushii</i>	Bush's umbrella sedge	-	INV	G5	S3
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Lycopodiella prostrata</i>	prostrate bog club-moss	-	INV	G5	S1
<i>Mitreola sessilifolia</i>	swamp hornpod	-	INV	G4G5	S2
<i>Paspalum praecox</i>	early paspalum	-	INV	G4	S1S2
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Pogonia ophioglossoides</i>	rose pogonia	-	ST	G5	S2
<i>Polygala nana</i>	candyroot	-	INV	G5	S2S3

**Calhoun County (cont.)**

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Allocapnia jeanae</i>	a winter stonefly	-	INV	G2	S1?
<i>Amblyscirtes linda</i>	Linda's roadside skipper	-	INV	G2G3	S1S3
<i>Caecidotea macropropoda</i>	bat cave isopod	-	INV	G2G3	S2
<i>Caecidotea steevesi</i>	an isopod	-	INV	G3G4	S1
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Calephelis muticum</i>	swamp metalmark	-	INV	G3	S1
<i>Cyclonaias tuberculata</i>	purple wartback	-	INV	G5	S3?
<i>Epioblasma triquetra</i>	snuffbox	LE	SE	G3	S1
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Heterosternuta phoebeae</i>	a predaceous diving beetle	-	INV	G2	S2
<i>Heterosternuta sulphuria</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Ophiogomphus westfalli</i>	Ozark snaketail dragonfly	-	INV	G3	S1S2
<i>Orconectes williamsi</i>	William's crayfish	-	INV	G3	S1
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	G3G4T3	S2
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	-	INV	G4	S2
<i>Trigenotyia parca</i>	a cave obligate millipede	-	INV	G1G2	S1
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<b>Animals-Vertebrates</b>					
<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 autumnale</i>	autumn darter	-	INV	GNR	S2
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Nocomis asper</i>	redspot chub	-	INV	G4	S2?
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Pantherophis emoryi</i>	Great Plains 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
<b>Plants-Vascular</b>					
<i>Agalinis auriculata</i>	ear-leaf false foxglove	-	INV	G3	S1
<i>Allium canadense var. lavendulare</i>	tall pink glade onion	-	INV	G5TNR	S2
<i>Allium cernuum</i>	nodding wild onion	-	INV	G5	SH

**Carroll County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Arabis hirsuta</i> var. <i>adpressipilis</i>	hairy rockcress	-	INV	G5T4Q	S1?
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Artemisia ludoviciana</i> ssp. <i>mexicana</i>	white sagebrush	-	INV	G5T5?	S1S2
<i>Asclepias stenophylla</i>	narrow-leaf milkweed	-	INV	G4G5	SH
<i>Bergia texana</i>	Texas bergia	-	INV	G5	S2
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Carex hirtifolia</i>	hairy sedge	-	INV	G5	S3
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Dirca decipiens</i>	Ozark leatherwood	-	INV	G1G2	S1?
<i>Echinacea paradoxa</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>Helianthus occidentalis</i> ssp. <i>occidentalis</i>	naked-stem sunflower	-	INV	G5T5	S1S2
<i>Liatris punctata</i> var. <i>mucronata</i>	dotted gayfeather	-	INV	G5T5	S2
<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	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Minuartia michauxii</i>	rock sandwort	-	INV	G5	S1
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Pediomelum esculentum</i>	large Indian-breadroot	-	INV	G5	S2
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Phyllanthus polygonoides</i>	knotweed leaf-flower	-	INV	G5	S1
<i>Physalis missouriensis</i>	Missouri ground-cherry	-	INV	G5?	SH
<i>Physalis pumila</i>	prairie ground-cherry	-	INV	G5	S1
<i>Prenanthes alba</i>	white rattlesnake-root	-	INV	G5	S1S2
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Sparganium androcladum</i>	branched bur-reed	-	INV	G4G5	S1
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3	S3
<i>Ulmus thomasii</i>	rock elm	-	INV	G5	S2
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Veratrum woodii</i>	Wood's false hellebore	-	INV	G5	S3
<b>Special Elements-Natural Communities</b>					
Central Interior Highlands Calcareous Glade and Barrens		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Macrobrachium ohione</i>	Ohio shrimp	-	INV	G4	S1?
<i>Ptychobranchnus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<b>Animals-Vertebrates</b>					
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Gallinula chloropus</i>	Common Moorhen	-	INV	G5	S1B,S2N
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>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	SE	G2	S1
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Eryngium hookeri</i>	Hooker's eryngo	-	INV	G3G5	S1
<i>Vicia ludoviciana ssp. leavenworthii</i>	Leavenworth's vetch	-	INV	G5T5	S1S2
<b>Special Elements-Natural Communities</b>					
Mississippi River Riparian Forest		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
Geological feature		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Amblyscirtes aesculapius</i>	lace-winged roadside skipper	-	INV	G3G4	S1S3
<i>Amblyscirtes belli</i>	Bell's roadside skipper	-	INV	G3G4	S3S4
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	SE	G1	S1
<i>Atrytonopsis hianna</i>	Dusted Skipper	-	INV	G4G5	S2S3
<i>Beameria venosa</i>	A concealed-tymbal Cicada	-	INV	GNR	S1S2
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Enodia creola</i>	creole pearly eye	-	INV	G3G4	S3
<i>Fallicambarus jeanae</i>	a crayfish	-	INV	G2	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	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>Poanes yehl</i>	Yehl skipper	-	INV	G4	S1S3
<i>Problema byssus</i>	byssus skipper	-	INV	G3G4	S1
<i>Procambarus parasimulans</i>	a crayfish	-	INV	G4	S3
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	G3G4T3	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	SE	G1	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Somatogyrus amnicoloides</i>	Ouachita pebblesnail	-	INV	GX	SX
<i>Somatogyrus wheeleri</i>	channelled pebblesnail	-	INV	GX	SX
<i>Speyeria diana</i>	Diana	-	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
<b>Animals-Vertebrates</b>					
<i>Alosa alabamae</i>	Alabama shad	-	INV	G2G3	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>Eudocimus albus</i>	White Ibis	-	INV	G5	S1B
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3



**Clark County (cont.)**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hemidactylium scutatum</i>	four-toed salamander	-	INV	G5	S3
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lampropeltis triangulum amaura</i>	Louisiana milk snake	-	INV	G5T4	S3
<i>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Mugil cephalus</i>	striped mullet	-	INV	G5	S1?
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Noturus taylori</i>	Caddo madtom	-	INV	G1	S1?
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<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
<b>Plants-Vascular</b>					
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Astragalus crassicaarpus var. crassicaarpus</i>	purple ground-plum	-	INV	G5T5	S2
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Diaperia prolifera var. prolifera</i>	big-head rabbit-tobacco	-	INV	G5TNR	S1S3
<i>Glandularia bipinnatifida var. bipinnatifida</i>	Dakota vervain	-	INV	G5T5	S2
<i>Liatris squarrosa var. squarrosa</i>	hairy scaly blazing-star	-	INV	G5T5	S1
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>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>	slender bladderpod	-	INV	G5T4	S1
<i>Plantago rhodosperma</i>	red-seed plantain	-	INV	GNR	S1S2
<i>Pseudolycopodiella caroliniana</i>	slender bog club-moss	-	INV	G4	S1
<i>Pyrrhopappus pauciflorus</i>	few-flower false dandelion	-	INV	G5	S1S2
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Scleria verticillata</i>	whorled nut-rush	-	ST	G5	S1
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Spiranthes magnicamporum</i>	great plains ladies'-tresses	-	INV	G4	S1S2
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<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>	bog yellow-eyed-grass	-	INV	G5T5	S2
<b>Special Elements-Natural Communities</b>					
Juniper-Hardwood Woodland		-	INV	GNR	SNR
Lowland Pine-Oak Forest		-	INV	GNR	SNR
South Central Saline Glade		-	INV	GNR	SNR
West Gulf Coastal Plain Northern Calcareous Prairie		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<b>Animals-Vertebrates</b>					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>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 anisurum</i>	silver redhorse	-	INV	G5	S1?
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Notropis sabiniae</i>	sabine shiner	-	INV	G4	S2?
<i>Pantherophis emoryi</i>	Great Plains 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
<b>Plants-Vascular</b>					
<i>Blephilia hirsuta</i>	hairy wood mint	-	INV	G5?	S1
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Humulus lupulus var. pubescens</i>	wild hop	-	INV	G5T4?	S1S2
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Lilium superbum</i>	Turk's-cap lily	-	INV	G5	S1
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2
<i>Magnolia macrophylla</i>	big-leaf magnolia	-	SE	G5	S1
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2

**Clay County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Ptilimnium costatum</i>	big mock bishop's-weed	-	INV	G4	SH
<i>Ranunculus aquatilis var. diffusus</i>	white water crowfoot	-	INV	G5T5	S2S3
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Scirpus divaricatus</i>	spreading bulrush	-	INV	G5	SH
<i>Sium suave</i>	water-parsnip	-	INV	G5	S1S3
<i>Uvularia perfoliata</i>	perfoliate bellwort	-	INV	G5	S3
<b>Special Elements-Natural Communities</b>					
Mississippi River Alluvial Plain Dry-Mesic		-	INV	GNR	SNR
Loess Slope Forest					

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

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

**Cleburne County (cont.)**

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Fallicambarus gilpini</i>	a crayfish	-	INV	G2	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	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	SE	G3G4T3	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	SE	G1	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<b>Animals-Vertebrates</b>					
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<b>Plants-Vascular</b>					
<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 sunnybell	-	ST	G3	S2S3
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Symphotrichum pratense</i>	barrens silky aster	-	ST	G4?	S2
<b>Special Elements-Natural Communities</b>					
Lowland Oak-Hickory Forest		-	INV	GNR	SNR
Lowland Oak-Sweetgum Forest		-	INV	GNR	SNR
South Central Saline Glade		-	INV	GNR	SNR
West Gulf Coastal Plain Small Stream and River Forest		-	INV	GNR	SNR
Willow Oak Forest		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Bouchardina robisoni</i>	a crayfish	-	INV	G2	S1
<i>Caecidotea foxi</i>	an isopod	-	INV	GNR	S1
<i>Fallicambarus petilicarpus</i>	a crayfish	-	INV	G1	S1
<i>Leuctra paleo</i>	Arkansas needlessly	-	INV	G2	S1
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<b>Animals-Vertebrates</b>					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Coluber constrictor anthicus</i>	buttermilk racer	-	INV	G5T4	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Eudocimus albus</i>	White Ibis	-	INV	G5	S1B
<i>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	S1
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Reithrodontomys humulis</i>	eastern harvest mouse	-	INV	G5	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
<b>Plants-Vascular</b>					
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Hexalectris spicata</i> var. <i>spicata</i>	crested-coralroot	-	INV	G5T4T5	S2
<i>Hypoxis curtissii</i>	Curtiss' star-grass	-	INV	G4?	S1
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Polygala nana</i>	candyroot	-	INV	G5	S2S3
<i>Ptilimnium texense</i>	Texas mock bishop's-weed	-	INV	GNR	S1
<i>Viburnum dentatum</i> var. <i>scabrellum</i>	southern arrow-wood	-	INV	G5TNR	SH
<b>Special Elements-Natural Communities</b>					
Cypress-Tupelo Swamp		-	INV	GNR	SNR
Lowland Headwater Stream-Coastal Plain		-	INV	GNR	SNR
Lowland Oak-Sweetgum Forest		-	INV	GNR	SNR
Lowland Pine-Oak Forest		-	INV	GNR	SNR
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	SNR
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Cicindela cursitans</i>	ant-like tiger beetle	-	INV	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
<b>Animals-Vertebrates</b>					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>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>Deirochelys reticularia miaria</i>	western chicken turtle	-	INV	G5T5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Myotis austroriparius</i>	southeastern myotis	-	INV	G3G4	S3
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5T5	S2
<i>Spea bombifrons</i>	plains spadefoot	-	INV	G5	S1
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
<b>Plants-Vascular</b>					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Dalea lanata var. lanata</i>	woolly prairie-clover	-	INV	G5TNR	S2S3
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Eustoma exaltatum</i>	catchfly prairie-gentian	-	INV	G5	S2
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Heliotropium convolvulaceum</i>	phlox heliotrope	-	INV	G5	S2
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Neviusia alabamensis</i>	Alabama snow-wreath	-	ST	G2	S1S2
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Schoenoplectus californicus</i>	California bulrush	-	INV	G5	S1S2
<i>Selaginella arenicola ssp. riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Tradescantia paludosa</i>	confederate spiderwort	-	INV	G4?Q	S1S2
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<b>Special Elements-Natural Communities</b>					
Central Interior Highlands Dry Acidic Glade and Barrens		-	INV	GNR	SNR
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
South-Central Interior Large Floodplain		-	INV	GNR	SNR



**Conway County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<b>Special Elements-Other</b>					
Geological feature		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Caecidotea brevicauda</i>	an isopod	-	INV	GNR	S1
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Cicindela purpurea</i>	cow path tiger beetle	-	INV	G5	S3
<i>Lirceus louisianae</i>	an isopod	-	INV	GNR	S1
<i>Potamilus capax</i>	fat pocketbook	LE	SE	G2	S1
<i>Quadrola apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
<b>Animals-Vertebrates</b>					
<i>Accipiter cooperii</i>	Cooper's Hawk	-	INV	G5	S1B,S3N
<i>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
<b>Plants-Vascular</b>					
<i>Carex gigantea</i>	giant sedge	-	INV	G4	S1S2
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex reznicekii</i>	Reznicek's sedge	-	INV	G5	S2?
<i>Cyperus retrofractus</i>	rough flatsedge	-	INV	G5	S1?
<i>Hexalectris spicata var. spicata</i>	crested-coralroot	-	INV	G5T4T5	S2
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Lilium superbum</i>	Turk's-cap lily	-	INV	G5	S1
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Polygala incarnata</i>	pink milkwort	-	INV	G5	S1S2
<i>Ptilimnium costatum</i>	big mock bishop's-weed	-	INV	G4	SH
<i>Tradescantia subaspera</i>	zigzag spiderwort	-	INV	G5	S1S3

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Caecidotea macropropoda</i>	bat cave isopod	-	INV	G2G3	S2
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Leptodea leptodon</i>	scaleshell	LE	SE	G1G2	S1
<i>Orconectes nana</i>	a crayfish	-	INV	G3	S3
<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
<b>Animals-Vertebrates</b>					
<i>Alosa alabamae</i>	Alabama shad	-	INV	G2G3	S1S2
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	SE	G4T1	S1
<i>Cyprinella camura</i>	blunface shiner	-	INV	G5	SH
<i>Etheostoma mihileze</i>	sunburst darter	-	INV	GNR	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	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>Setophaga cerulea</i>	Cerulean Warbler	-	INV	G4	S4B
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<i>Tyrannus verticalis</i>	Western Kingbird	-	INV	G5	S1B,S1N
<b>Plants-Vascular</b>					
<i>Castilleja indivisa</i>	entire-leaf Indian-paintbrush	-	INV	G5	SH
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Fuirena simplex var. aristulata</i>	western umbrella sedge	-	INV	G5T4	S1
<i>Heliotropium convolvulaceum</i>	phlox heliotrope	-	INV	G5	S2
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2

**Crawford County (cont.)**

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Cicindela cursitans</i>	ant-like tiger beetle	-	INV	G4	S2S3
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Potamilus alatus</i>	pink heelsplitter	-	INV	G5	S1
<i>Potamilus capax</i>	fat pocketbook	LE	SE	G2	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
<b>Animals-Vertebrates</b>					
<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	SE	G2	S1
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<b>Special Elements-Natural Communities</b>					
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Potamilus capax</i>	fat pocketbook	LE	SE	G2	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<b>Animals-Vertebrates</b>					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Carphophis amoenus helenae</i>	midwest worm snake	-	INV	G5T5	S2
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>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
<b>Plants-Vascular</b>					
<i>Carex kraliana</i>	Kral's sedge	-	INV	G5	S1S2
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Obolaria virginica</i>	Virginia pennywort	-	INV	G5	S2
<i>Schisandra glabra</i>	bay star-vine	-	INV	G3	S2S3
<i>Spiranthes ovalis var. erostellata</i>	northern oval ladies'-tresses	-	INV	G5?T4?	S1
<b>Special Elements-Natural Communities</b>					
Southern Crowley's Ridge Mesic Loess Slope Forest		-	INV	GNR	SNR
Upland Headwater Stream-Crowley's Ridge		-	INV	GNR	SNR

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

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Dryobius sexnotatus</i>	six-banded longhorn beetle	-	INV	GNR	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<b>Animals-Vertebrates</b>					
<i>Acipenser fulvescens</i>	lake sturgeon	-	INV	G3G4	S1
<i>Asio flammeus</i>	Short-eared Owl	-	INV	G5	S3N
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Deirochelys reticularia miaria</i>	western chicken turtle	-	INV	G5T5	S3
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Gallinula 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>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>Rallus elegans</i>	King Rail	-	INV	G4	S1B,S3N
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Riparia riparia</i>	Bank Swallow	-	INV	G5	S2B,S3N
<i>Scaphirhynchus albus</i>	pallid sturgeon	LE	SE	G2	S1
<i>Setophaga cerulea</i>	Cerulean Warbler	-	INV	G4	S4B
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Tradescantia paludosa</i>	confederate spiderwort	-	INV	G4?Q	S1S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<b>Special Elements-Natural Communities</b>					
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
Mississippi River High Floodplain (Bottomland) Forest		-	INV	GNR	SNR
Mississippi River Low Floodplain (Bottomland) Forest		-	INV	GNR	SNR
Mississippi River Riparian Forest		-	INV	GNR	SNR
Willow Oak Forest		-	INV	GNR	SNR



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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Neonympha areolatus</i>	Georgia satyr	-	INV	G3G4	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<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 hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Pandion haliaetus</i>	Osprey	-	INV	G5	S1B,S4N
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<b>Plants-Vascular</b>					
<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	G3	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

**Drew County (cont.)**

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Amblyscirtes linda</i>	Linda's roadside skipper	-	INV	G2G3	S1S3
<i>Callophrys irus hadros</i>	Texas frosted elfin	-	INV	G3T1T2	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Euphyes dukesi</i>	Duke's skipper	-	INV	G3	S1S2
<i>Hesperia meskei</i>	Meske's skipper	-	INV	G3G4	S1S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lirceus garmani</i>	an isopod	-	INV	GNR	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Anguilla rostrata</i>	American eel	-	INV	G4	S3
<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>Nerodia cyclopion</i>	Mississippi green water snake	-	INV	G5	S3
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pandion haliaetus</i>	Osprey	-	INV	G5	S1B,S4N
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5T5	S2
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
<b>Plants-Vascular</b>					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Callirhoe alcaeoides</i>	plains poppy-mallow	-	INV	G5?	S1?
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Claytonia ozarkensis</i>	Ozark spring-beauty	-	INV	G1G3Q	S2
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Drymocallis arguta</i>	tall cinquefoil	-	ST	G5	S1S2
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Erysimum capitatum var. capitatum</i>	western wallflower	-	INV	G5T5	S2
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Minuartia drummondii</i>	Drummond's sandwort	-	INV	G5	S2S3

**Faulkner County (cont.)**

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Acalypta lillianus</i>	a lace bug	-	INV	G3	SNR
<i>Atrytone arogos</i>	Arogos skipper	-	INV	G3	S1
<i>Bombus fervidus</i>	golden northern bumblebee	-	INV	G4?	S1
<i>Callophrys irus hadros</i>	Texas frosted elfin	-	INV	G3T1T2	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	SE	G2G3	S1
<i>Orconectes williamsi</i>	William's crayfish	-	INV	G3	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
<b>Animals-Vertebrates</b>					
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	-	INV	G5	S1
<i>Alosa alabamiae</i>	Alabama shad	-	INV	G2G3	S1S2
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Asio flammeus</i>	Short-eared Owl	-	INV	G5	S3N
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	SE	G4T1	S1
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Etheostoma mihileze</i>	sunburst darter	-	INV	GNR	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5T5	S2
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Setophaga cerulea</i>	Cerulean Warbler	-	INV	G4	S4B
<i>Taxidea taxus</i>	American badger	-	INV	G5	S1S2
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
<b>Plants-Vascular</b>					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Aristida purpurea var. purpurea</i>	purple three-awn	-	INV	G5T5	S1
<i>Artemisia ludoviciana ssp. mexicana</i>	white sagebrush	-	INV	G5T5?	S1S2
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G3	S2
<i>Carex cumberlandensis</i>	Cumberland sedge	-	INV	GNR	S1

Franklin County (cont.)

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

**Franklin County (cont.)**

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

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Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Alasmidonta viridis</i>	slippershell mussel	-	INV	G4G5	S1
<i>Cicindela purpurea</i>	cow path tiger beetle	-	INV	G5	S3
<i>Crangonyx forbesi</i>	an amphipod	-	INV	G5	S1?
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Epioblasma florentina curtisi</i>	Curtis pearlymussel	LE	SE	G1T1	S1
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Leptodea leptodon</i>	scaleshell	LE	SE	G1G2	S1
<i>Ligumia recta</i>	black sandshell	-	INV	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	S3
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	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
<b>Animals-Vertebrates</b>					
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	S3
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Cottus immaculatus</i>	knobfin sculpin	-	INV	GNR	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Cryptobranhus alleganiensis bishopi</i>	Ozark hellbender	LE	SE	G3G4T2Q	S2
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma autumnale</i>	autumn darter	-	INV	GNR	S2
<i>Etheostoma fragi</i>	Strawberry River darter	-	INV	G4	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Lampropeltis triangulum amaura</i>	Louisiana milk snake	-	INV	G5T4	S3
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Setophaga pensylvanica</i>	Chestnut-sided Warbler	-	INV	G5	S1B,S5N
<i>Typhlichthys subterraneus</i>	southern cavefish	-	INV	G4	S1
<b>Plants-Vascular</b>					
<i>Asclepias incarnata ssp. incarnata</i>	swamp milkweed	-	INV	G5T5	S2
<i>Carex aggregata</i>	cluster sedge	-	INV	G5	S1
<i>Carex davisii</i>	Davis' sedge	-	INV	G4	S3



**Fulton County (cont.)**

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

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Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Agapetus medicus</i>	Arkansas Agapetus Caddisfly	-	INV	G1G2	SNR
<i>Alloperla caddo</i>	Caddo sallfly	-	INV	G1G2	S1
<i>Cordulegaster talaria</i>	Ouachita spiketail	-	INV	G1G2	S1
<i>Fallicambarus harpi</i>	a crayfish	-	INV	G2	S2
<i>Fallicambarus jeanae</i>	a crayfish	-	INV	G2	S2
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Paucicalcaria ozarkensis</i>	a microcaddisfly	-	INV	G1	S1
<i>Problema byssus</i>	byssus skipper	-	INV	G3G4	S1
<i>Ptychobranthus 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
<b>Animals-Vertebrates</b>					
<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>Hemidactylum 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
<b>Plants-Non-vascular</b>					
<i>Phormidium treleasei</i>	A blue-green alga	-	INV	GNR	S2
<b>Plants-Vascular</b>					
<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	G5T5	S2S3
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Asplenium x ebenooides</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?

Garland County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex atlantica</i> ssp. <i>atlantica</i>	prickly bog sedge	-	INV	G5T4	S2
<i>Carex bromoides</i> ssp. <i>bromoides</i>	brome sedge	-	INV	G5T5	S2
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Carex laevivaginata</i>	smooth-sheath sedge	-	INV	G5	S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Carex pennsylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex willdenowii</i>	Willdenow's sedge	-	INV	G5	S1
<i>Cirsium muticum</i>	swamp thistle	-	ST	G5	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dryopteris celsa</i>	log fern	-	INV	G4	S2
<i>Dryopteris x australis</i>	Dixie wood fern	-	INV	GNA	S1
<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Euphorbia longicuris</i>	wedge-leaf spurge	-	INV	G4G5	S1
<i>Euphorbia</i> sp. <i>nov.</i>	Ouachita spurge	-	INV	GNR	S3
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Galium arkansanum</i> var. <i>pubiflorum</i>	hairy-flower Arkansas bedstraw	-	INV	G5TNR	S2
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Helianthus occidentalis</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	G3	S3
<i>Liparis loeselii</i>	Loesel's twayblade	-	ST	G5	S1
<i>Oxalis texana</i>	Texas yellow wood-sorrel	-	INV	GNR	SU
<i>Paronychia virginica</i>	yellow nailwort	-	INV	G4	S2
<i>Phacelia strictiflora</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>	Gulf skullcap	-	INV	G4?	S1S2
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus</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 carolinensis</i>	false bugbane	-	INV	G5	S1
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Uvularia perfoliata</i>	perfoliate bellwort	-	INV	G5	S3
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<i>Valerianella palmeri</i>	Palmer's cornsalad	-	INV	G3	S3
<i>Veratrum woodii</i>	Wood's false hellebore	-	INV	G5	S3
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3

**Garland County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Viola walteri</i>	Walter's violet	-	INV	G4G5	S1S2
<i>Vitis rupestris</i>	sand grape	-	INV	G3	S3
<b>Special Elements-Natural Communities</b>					
<i>Ouachita Mountain Forested Seep</i>		-	INV	GNR	SNR
<i>Ouachita Novaculite Glade and Woodland</i>		-	INV	GNR	SNR
<i>Ozark-Ouachita Shortleaf Pine-Oak Forest</i>		-	INV	GNR	SNR
<i>Spring-Ouachita Mountains</i>		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
<i>Colonial nesting site, water birds</i>		-	INV	GNR	SNR
<i>Geological feature</i>		-	INV	GNR	SNR

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Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Caecidotea dentadactyla</i>	an isopod	-	INV	GNR	S1
<i>Caecidotea obtusa</i>	an isopod	-	INV	GNR	S1
<i>Callophrys irus hadros</i>	Texas frosted elfin	-	INV	G3T1T2	S1
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	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	S3
<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	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Satyrium kingi</i>	King's hairstreak	-	INV	G3G4	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
<b>Animals-Vertebrates</b>					
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<b>Plants-Vascular</b>					
<i>Carex bullata</i>	button sedge	-	INV	G5	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Sphenopholis longiflora</i>	Texas wedgescale	-	INV	G4	S1?
<i>Xyris ambigua</i>	Coastal Plain yellow-eyed-grass	-	INV	G5	S2S3

**Grant County (cont.)**

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>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
<b>Animals-Vertebrates</b>					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Carphophis amoenus helenae</i>	midwest worm snake	-	INV	G5T5	S2
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>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 redbhorse	-	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
<b>Plants-Vascular</b>					
<i>Aristida lanosa</i>	woolly three-awn	-	INV	G5	S2
<i>Carex bromoides ssp. bromoides</i>	brome sedge	-	INV	G5T5	S2
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Chelone glabra</i>	white turtlehead	-	INV	G5	S1
<i>Chelone obliqua var. speciosa</i>	rose turtlehead	-	SE	G4T3	SH
<i>Cuscuta coryli</i>	hazel dodder	-	INV	G5?	SU
<i>Cyperus retrofractus</i>	rough flatsedge	-	INV	G5	S1?
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Scirpus polyphyllus</i>	leafy bulrush	-	INV	G5	S2
<i>Spiraea tomentosa</i>	hardhack	-	INV	G5	S2
<i>Tradescantia virginiana</i>	Virginia spiderwort	-	INV	G5	S1
<b>Special Elements-Natural Communities</b>					
Mississippi River Alluvial Plain Dry-Mesic Loess Slope Forest		-	INV	GNR	SNR
Ouachita Mountain Forested Seep		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Amblyscirtes belli</i>	Bell's roadside skipper	-	INV	G3G4	S3S4
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	SE	G1	S1
<i>Atomosia arkansensis</i>	Arkansas robberfly	-	INV	GNR	S1
<i>Bouchardina robisoni</i>	a crayfish	-	INV	G2	S1
<i>Callophrys irus hadros</i>	Texas frosted elfin	-	INV	G3T1T2	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 elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Microstylum morosum</i>	giant prairie robber fly	-	INV	G3G4	S1
<i>Mydas brunneus</i>	golden mydas fly	-	INV	GNR	S1
<i>Nicrophorus americanus</i>	American burying beetle	LE	SE	G2G3	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Tetraloniella albata</i>	white long-horned bee	-	INV	GNR	S1
<i>Tetraopes texanus</i>	a red milkweed beetle	-	INV	GNR	S1S2
<i>Uniomereus tetralasmus</i>	pondhorn	-	INV	G5	S2
<b>Animals-Vertebrates</b>					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>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 atrocaudalis</i>	blackspot shiner	-	INV	G4	S3
<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



Hempstead County (cont.)

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

**Hempstead County (cont.)**

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Allocapnia malverna</i>	a winter stonefly	-	INV	G4	SNR
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	SE	G1	S1
<i>Fallicambarus harpi</i>	a crayfish	-	INV	G2	S2
<i>Fallicambarus jeanae</i>	a crayfish	-	INV	G2	S2
<i>Hesperia meskei</i>	Meske's skipper	-	INV	G3G4	S1S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	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>Problema byssus</i>	byssus skipper	-	INV	G3G4	S1
<i>Procambarus parasimulans</i>	a crayfish	-	INV	G4	S3
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	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
<b>Animals-Vertebrates</b>					
<i>Alosa alabamae</i>	Alabama shad	-	INV	G2G3	S1S2
<i>Anguilla rostrata</i>	American eel	-	INV	G4	S3
<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>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>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Noturus lachneri</i>	Ouachita madtom	-	INV	G2	S2
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3

Hot Spring County (cont.)

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Amblyscirtes aesculapius</i>	lace-winged roadside skipper	-	INV	G3G4	S1S3
<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>Hesperia meskei</i>	Meske's skipper	-	INV	G3G4	S1S2
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Microstylum morosum</i>	giant prairie robber fly	-	INV	G3G4	S1
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Pentacora ouachita</i>	Ouachita shore bug	-	INV	GNR	S1
<i>Poanes yehl</i>	Yehl skipper	-	INV	G4	S1S3
<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 liliiput	-	INV	G3	S2
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>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 hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Pandion haliaetus</i>	Osprey	-	INV	G5	S1B,S4N
<i>Percina pantherina</i>	leopard darter	LT	SE	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
<b>Plants-Vascular</b>					
<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	G5T5	S2S3
<i>Allium drummondii</i>	Drummond's wild onion	-	INV	G5	S1
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Astragalus crassicaarpus var. crassicaarpus</i>	purple ground-plum	-	INV	G5T5	S2
<i>Calamovilfa arcuata</i>	Cumberland sand-reed	-	INV	G2G3	S1
<i>Cardamine angustata</i>	slender toothwort	-	INV	G5	S2
<i>Carex gracilescens</i>	slender wood sedge	-	INV	G5?	S2

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

**Special Elements-Natural Communities**

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta viridis</i>	slippershell mussel	-	INV	G4G5	S1
<i>Amnicola cora</i>	Foushee cavesnail	-	INV	G1	S1
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S2
<i>Calephelis muticum</i>	swamp metalmark	-	INV	G3	S1
<i>Cambarus setosus</i>	bristly cave crayfish	-	INV	G3	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Epioblasma triquetra</i>	snuffbox	LE	SE	G3	S1
<i>Hesperocheernes occidentalis</i>	a pseudoscorpion	-	INV	G5	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>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 elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Orconectes neglectus chaenodactylus</i>	ringed crayfish	-	INV	G5T3	S3
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<i>Xolotrema occidentale</i>	Arkansas wedge	-	INV	G1	SNR
<b>Animals-Vertebrates</b>					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Cottus immaculatus</i>	knobfin sculpin	-	INV	GNR	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Cryptobranhus alleganiensis bishopi</i>	Ozark hellbender	LE	SE	G3G4T2Q	S2
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma autumnale</i>	autumn darter	-	INV	GNR	S2
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Moxostoma anisurum</i>	silver redhorse	-	INV	G5	S1?
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Mugil cephalus</i>	striped mullet	-	INV	G5	S1?
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2

Independence County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<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
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<i>Riparia riparia</i>	Bank Swallow	-	INV	G5	S2B,S3N
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Tyrannus verticalis</i>	Western Kingbird	-	INV	G5	S1B,S1N
<b>Plants-Vascular</b>					
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Cardamine douglassii</i>	purple cress	-	INV	G5	S1
<i>Carex conjuncta</i>	soft fox sedge	-	INV	G4G5	S1
<i>Carex davisii</i>	Davis' sedge	-	INV	G4	S3
<i>Carex gracillima</i>	graceful sedge	-	INV	G5	S1
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex reznicekii</i>	Reznicek's sedge	-	INV	G5	S2?
<i>Dirca decipiens</i>	Ozark leatherwood	-	INV	G1G2	S1?
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Ilex verticillata</i>	winterberry	-	ST	G5	S2
<i>Maianthemum stellatum</i>	starry false Solomon's-seal	-	INV	G5	S1
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Mentha arvensis</i>	wild mint	-	INV	G5	S1
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Oenothera clelandii</i>	Cleland's evening-primrose	-	INV	G3G5	S1
<i>Phacelia gilioides</i>	Brand's scorpion-weed	-	INV	G5	S2S3
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Sida elliotii</i>	Elliott's sida	-	INV	G4G5	S2S3
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Trifolium stoloniferum</i>	running buffalo clover	LE	INV	G3	SH
<i>Viola canadensis</i> var. <i>canadensis</i>	Canadian white violet	-	INV	G5T5	S2
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR



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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S2
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Daedalochila peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Epioblasma triquetra</i>	snuffbox	LE	SE	G3	S1
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Heterosternuta phoebeae</i>	a predaceous diving beetle	-	INV	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ophiogomphus westfalli</i>	Ozark snaketail dragonfly	-	INV	G3	S1S2
<i>Orconectes neglectus chaenodactylus</i>	ringed crayfish	-	INV	G5T3	S3
<i>Patera clenchi</i>	Calico Rock oval	-	INV	G1	SNR
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	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
<b>Animals-Vertebrates</b>					
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	S3
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Cottus immaculatus</i>	knobfin sculpin	-	INV	GNR	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Cyprinella spiloptera</i>	spotfin shiner	-	INV	G5	S1
<i>Erimystax harryi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma autumnale</i>	autumn darter	-	INV	GNR	S2
<i>Etheostoma fragi</i>	Strawberry River darter	-	INV	G4	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Geomys bursarius ozarkensis</i>	Ozark pocket gopher	-	INV	G5T1T3	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Notropis sabinae</i>	sabine shiner	-	INV	G4	S2?
<i>Pantherophis emoryi</i>	Great Plains 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
<i>Setophaga pensylvanica</i>	Chestnut-sided Warbler	-	INV	G5	S1B,S5N

Izard County (cont.)

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S2
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Leptodea leptodon</i>	scaleshell	LE	SE	G1G2	S1
<i>Ligumia recta</i>	black sandshell	-	INV	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>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	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
<b>Animals-Vertebrates</b>					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Calcarius pictus</i>	Smith's Longspur	-	INV	G5	S3N
<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
<b>Plants-Vascular</b>					
<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
<b>Animals-Invertebrates</b>					
<i>Caecidotea dentadactyla</i>	an isopod	-	INV	GNR	S1
<i>Caecidotea obtusa</i>	an isopod	-	INV	GNR	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Daedalochila peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Euphyes dukesi</i>	Duke's skipper	-	INV	G3	S1S2
<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
<b>Animals-Vertebrates</b>					
<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 hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Calopogon tuberosus var. tuberosus</i>	tuberous grass-pink	-	INV	G5T5	S1
<i>Carex arkansana</i>	Arkansas sedge	-	INV	G4	S1
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Dalea lanata var. lanata</i>	woolly prairie-clover	-	INV	G5TNR	S2S3
<i>Eleocharis flavescens var. flavescens</i>	yellow spike-rush	-	INV	G5T5	S1S2
<i>Eustoma exaltatum</i>	catchfly prairie-gentian	-	INV	G5	S2
<i>Fuirena bushii</i>	Bush's umbrella sedge	-	INV	G5	S3
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Heliotropium convolvulaceum</i>	phlox heliotrope	-	INV	G5	S2
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Platanthera x channellii</i>	Channell's fringed orchid	-	INV	GNA	S1
<i>Pogonia ophioglossoides</i>	rose pogonia	-	ST	G5	S2
<i>Polygala incarnata</i>	pink milkwort	-	INV	G5	S1S2

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cambarus causeyi</i>	a crayfish	-	INV	G2	S1
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Dannella provonshai</i>	mayfly	-	INV	G3G4	S1?
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Orconectes williamsi</i>	William's crayfish	-	INV	G3	S1
<i>Paduniella nearctica</i>	nearctic paduniellan caddisfly	-	INV	G1G2	S1?
<i>Paraleptophlebia calcarica</i>	a mayfly	-	INV	G1G2	S1?
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma mihileze</i>	sunburst darter	-	INV	GNR	S3
<i>Etheostoma moorei</i>	yellowcheek darter	LE	SE	G1	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Notropis girardi</i>	Arkansas River shiner	LT	SE	G2	SX
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5T5	S2
<i>Regina septemvittata</i>	queen snake	-	INV	G5	S2
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
<b>Plants-Vascular</b>					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Bergia texana</i>	Texas bergia	-	INV	G5	S2
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex cumberlandensis</i>	Cumberland sedge	-	INV	GNR	S1
<i>Carex reznicekii</i>	Reznicek's sedge	-	INV	G5	S2?
<i>Crocantemum rosmarinifolium</i>	rosemary rock-rose	-	INV	G4	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3

**Johnson County (cont.)**

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Bouchardina robisoni</i>	a crayfish	-	INV	G2	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Neonympha areolatus</i>	Georgia satyr	-	INV	G3G4	S2
<i>Poanes yehl</i>	Yehl skipper	-	INV	G4	S1S3
<b>Animals-Vertebrates</b>					
<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</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	SE	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>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Bergia texana</i>	Texas bergia	-	INV	G5	S2
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Ditrysinia fruticosa</i>	Sebastian-bush	-	INV	G5	S1
<i>Dryopteris ludoviciana</i>	southern wood fern	-	INV	G4	S1
<i>Eleocharis montevidensis</i>	sand spike-rush	-	INV	G5	S1
<i>Hypericum apocynifolium</i>	dogbane St. John's-wort	-	INV	GNR	S1S2
<i>Hypoxis curtissii</i>	Curtiss' star-grass	-	INV	G4?	S1
<i>Ipomoea cordatotriloba</i> var. <i>cordatotriloba</i>	tie-vine morning-glory	-	INV	G5T5	S1
<i>Iva angustifolia</i>	slender marsh-elder	-	INV	G5?	S1
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Oenothera pilosella</i> ssp. <i>sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Styphnolobium affine</i>	Eve's necklace	-	INV	G4	S2S3
<b>Special Elements-Natural Communities</b>					
Cypress-Tupelo Swamp		-	INV	GNR	SNR
Lowland Pine-Oak Forest		-	INV	GNR	SNR



**Lafayette County (cont.)**

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Bactrurus pseudomucronatus</i>	false sword-tailed cave amphipod	-	INV	G2G3	S1?
<i>Caecidotea brevicauda</i>	an isopod	-	INV	GNR	S1
<i>Caecidotea communis</i>	an isopod	-	INV	G5	S1
<i>Caecidotea montana</i>	an isopod	-	INV	GNR	S1
<i>Caecidotea salemensis</i>	an isopod	-	INV	G4	S1
<i>Cicindela duodecimguttata</i>	twelve-spotted tiger beetle	-	INV	G5	S3S4
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4G5	S2
<i>Crangonyx forbesi</i>	an amphipod	-	INV	G5	S1?
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Epioblasma florentina curtisi</i>	Curtis pearlymussel	LE	SE	G1T1	S1
<i>Epioblasma triquetra</i>	snuffbox	LE	SE	G3	S1
<i>Gammarus pseudolimnaeus</i>	an amphipod	-	INV	G5	S2?
<i>Hesperochernes occidentalis</i>	a pseudoscorpion	-	INV	G5	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Leptodea leptodon</i>	scaleshell	LE	SE	G1G2	S1
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lirceus louisianae</i>	an isopod	-	INV	GNR	S1
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Orconectes eupunctus</i>	coldwater crayfish	-	INV	G2	S1
<i>Orconectes marchandi</i>	Mammoth Spring crayfish	-	INV	G2	S2
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Simpsonaias ambigua</i>	salamander mussel	-	INV	G3	S1
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<i>Toxolasma 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
<b>Animals-Vertebrates</b>					
<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>Moxostoma anisurum</i>	silver redhorse	-	INV	G5	S1?
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Notropis sabiniae</i>	sabine shiner	-	INV	G4	S2?
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains 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
<b>Plants-Vascular</b>					
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Carex muskingumensis</i>	palm sedge	-	INV	G4	S1
<i>Carex pellita</i>	woolly sedge	-	INV	G5	S1S2
<i>Collinsia verna</i>	blue-eyed Mary	-	INV	G5	S1
<i>Dryopteris celsa</i>	log fern	-	INV	G4	S2
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Phacelia gilioides</i>	Brand's scorpion-weed	-	INV	G5	S2S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Plantago cordata</i>	heart-leaf plantain	-	ST	G4	S2
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Ptilimnium costatum</i>	big mock bishop's-weed	-	INV	G4	SH
<i>Sida elliotii</i>	Elliott's sida	-	INV	G4G5	S2S3
<i>Sium suave</i>	water-parsnip	-	INV	G5	S1S3
<i>Tradescantia subaspera</i>	zigzag spiderwort	-	INV	G5	S1S3
<b>Special Elements-Natural Communities</b>					
Lowland Oak-Hickory Forest		-	INV	GNR	SNR

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

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

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

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	SE	G1	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Nicrophorus americanus</i>	American burying beetle	LE	SE	G2G3	S1
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Tetraopes quinquemaculatus</i>	a red milkweed beetle	-	INV	GNR	S1S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Notropis atrocaudalis</i>	blackspot shiner	-	INV	G4	S3
<i>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<i>Tyrannus verticalis</i>	Western Kingbird	-	INV	G5	S1B,S1N
<b>Plants-Vascular</b>					
<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	S1
<i>Astragalus crassicaarpus</i> var. <i>crassicaarpus</i>	purple ground-plum	-	INV	G5T5	S2
<i>Astragalus nuttallianus</i> var. <i>nuttallianus</i>	Nuttall's milk-vetch	-	INV	G5TNR	S1
<i>Bouteloua rigidiseta</i>	Texas grama	-	SE	G5	S1
<i>Carex comosa</i>	bottle-brush sedge	-	INV	G5	S1S2
<i>Carex planostachys</i>	cedar sedge	-	INV	G5	S1
<i>Carex shinnersi</i>	Shinners' sedge	-	INV	G3	S1
<i>Condalia hookeri</i>	bluewood	-	INV	G5	S1
<i>Convolvulus equitans</i>	Texas bindweed	-	INV	G5	S1
<i>Cooperia drummondii</i>	rain-lily	-	INV	G5	S1S2
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Dalea compacta</i> var. <i>compacta</i>	compact prairie-clover	-	INV	G5T4	S2
<i>Delphinium carolinianum</i> ssp. <i>virescens</i>	plains larkspur	-	INV	G5T5	S2
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	-	INV	G5TNR	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>	many-stem rabbit-tobacco	-	INV	G5TNR	SH
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Engelmannia peristenia</i>	Engelmann's daisy	-	INV	G5	S1
<i>Eriogonum annuum</i>	annual wild buckwheat	-	INV	G5	S1
<i>Eryngium leavenworthii</i>	Leavenworth's eryngo	-	INV	G4	S1
<i>Fuirena simplex</i> var. <i>aristulata</i>	western umbrella sedge	-	INV	G5T4	S1
<i>Glandularia bipinnatifida</i> var. <i>bipinnatifida</i>	Dakota vervain	-	INV	G5T5	S2
<i>Hexalectris spicata</i> var. <i>spicata</i>	crested-coralroot	-	INV	G5T4T5	S2
<i>Indigofera miniata</i>	scarlet-pea	-	ST	G5	S2
<i>Liatris squarrosa</i> var. <i>squarrosa</i>	hairy scaly blazing-star	-	INV	G5T5	S1
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Lupinus texensis</i>	Texas bluebonnet	-	INV	G5	S1
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Oenothera pilosella</i> ssp. <i>sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Oenothera spachiana</i>	Spach's evening-primrose	-	INV	G5	SH
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Physalis cinerascens</i> var. <i>cinerascens</i>	small-flower ground-cherry	-	INV	G4G5T3T5	S1
<i>Physaria gracilis</i> ssp. <i>gracilis</i>	slender bladderpod	-	INV	G5T4	S1
<i>Plantago rhodosperma</i>	red-seed plantain	-	INV	GNR	S1S2
<i>Pyrrhopappus pauciflorus</i>	few-flower false dandelion	-	INV	G5	S1S2
<i>Quercus sinuata</i>	Durand's white oak	-	ST	G4G5	S2
<i>Rhus trilobata</i> var. <i>trilobata</i>	skunk-bush sumac	-	INV	G5T5	S1
<i>Rhynchospora colorata</i>	white-top sedge	-	SE	G5	S1
<i>Rhynchospora globularis</i> var. <i>globularis</i>	globe beaksedge	-	INV	G5?T5?	S2
<i>Rudbeckia maxima</i>	great coneflower	-	INV	G4?	S3
<i>Stachys crenata</i>	shade betony	-	INV	G5	SH
<i>Stenosiphon linifolius</i>	false gaura	-	ST	G5	S1
<i>Styphnolobium affine</i>	Eve's necklace	-	INV	G4	S2S3
<i>Thalictrum arkansanum</i>	Arkansas meadow-rue	-	ST	G2Q	S2
<i>Xanthisma spinulosum</i> var. <i>spinulosum</i>	lacy tansy-aster	-	INV	G5TNR	SH

**Special Elements-Natural Communities**

<i>Juniperus ashei</i> Dry Chalk Outcrop Woodland	-	INV	GNR	SNR
Lowland Pine-Oak Forest	-	INV	GNR	SNR
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
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**Arkansas Natural Heritage Commission  
Department of Arkansas Heritage  
Inventory Research Program  
Logan County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Acalypta susanae</i>	a lace bug	-	INV	GNR	S1
<i>Arianops sandersoni</i>	Magazine Mountain mold beetle	-	INV	G1?	S1?
<i>Cicindela duodecimguttata</i>	twelve-spotted tiger beetle	-	INV	G5	S3S4
<i>Inflectarius magazinensis</i>	Magazine Mountain shagreen	LT	SE	G1	S1
<i>Isoperla szczytkoi</i>	Magazine stripetail	-	INV	G1	S1
<i>Ligidium elrodii</i>	an isopod	-	INV	G4G5	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Nicrophorus americanus</i>	American burying beetle	LE	SE	G2G3	S1
<i>Ouachitychus 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>Problema byssus</i>	byssus skipper	-	INV	G3G4	S1
<i>Pseudactium magazinensis</i>	Ouachita pseudactium	-	INV	GNR	S1
<i>Satyrium kingi</i>	King's hairstreak	-	INV	G3G4	S3S4
<i>Scaphinotus parisiana</i>	a ground beetle	-	INV	GNR	S1
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Stygobromus elatus</i>	elevated spring amphipod	-	INV	G1G2	S1?
<b>Animals-Vertebrates</b>					
<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	SE	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>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Allium cernuum</i>	nodding wild onion	-	INV	G5	SH
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Apocynum androsaemifolium</i>	spreading dogbane	-	INV	G5	SH
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Camassia angusta</i>	prairie wild hyacinth	-	INV	G5?Q	S2S3
<i>Carex bullata</i>	button sedge	-	INV	G5	S1
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3



Logan County (cont.)

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Gryllotalpa major</i>	prairie mole cricket	-	INV	G3	S1S2
<b>Animals-Vertebrates</b>					
<i>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
<b>Plants-Vascular</b>					
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G3	S2
<i>Carex arkansana</i>	Arkansas sedge	-	INV	G4	S1
<i>Carex fissa</i> var. <i>fissa</i>	hammock sedge	-	INV	G4?T3T4	S1
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Oenothera pilosella</i> ssp. <i>sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Sabatia campanulata</i>	slender rose-gentian	-	SE	G5	S1
<i>Solidago speciosa</i> var. <i>rigidiuscula</i>	narrow-leaf showy goldenrod	-	INV	G5T4	S2S3
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Spiraea tomentosa</i>	hardhack	-	INV	G5	S2
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Zannichellia palustris</i>	horned-pondweed	-	INV	G5	S2S3
<b>Special Elements-Natural Communities</b>					
Lower Mississippi Alluvial Plain Grand Prairie		-	INV	GNR	SNR
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
Lower Mississippi River Flatwoods		-	INV	GNR	SNR
Mississippi River High Floodplain (Bottomland) Forest		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Allocapnia jeanae</i>	a winter stonefly	-	INV	G2	S1?
<i>Allocapnia ozarkana</i>	a winter stonefly	-	INV	G2	S1?
<i>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	S3
<i>Orconectes williamsi</i>	William's crayfish	-	INV	G3	S1
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	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>Trigenotyla parca</i>	a cave obligate millipede	-	INV	G1G2	S1
<b>Animals-Vertebrates</b>					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	SE	G4T1	S1
<i>Etheostoma autumnale</i>	autumn darter	-	INV	GNR	S2
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
<b>Plants-Vascular</b>					
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Bromus nottowayanus</i>	satin brome	-	INV	G3G5	S2
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3

**Madison County (cont.)**

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

**Special Elements-Natural Communities**

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

**Special Elements-Other**

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Amblyscirtes aesculapius</i>	lace-winged roadside skipper	-	INV	G3G4	S1S3
<i>Bactrurus speleopolis</i>	Cave City cave amphipod	-	INV	G1	S1
<i>Caecidotea dimorpha</i>	an isopod	-	INV	G2G3	S2
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Calephelis mutilum</i>	swamp metalmark	-	INV	G3	S1
<i>Cambarus zophonastes</i>	a crayfish	LE	SE	G1	S1
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Daedalochila peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Epioblasma triquetra</i>	snuffbox	LE	SE	G3	S1
<i>Hesperochernes occidentalis</i>	a pseudoscorpion	-	INV	G5	S1
<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>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
<b>Animals-Vertebrates</b>					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	SE	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>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Moxostoma anisurum</i>	silver redhorse	-	INV	G5	S1?
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis sodalis</i>	Indiana bat	LE	SE	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
<b>Plants-Vascular</b>					
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Arabis hirsuta var. adpressipilis</i>	hairy rockcress	-	INV	G5T4Q	S1?

Marion County (cont.)

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

**Marion County (cont.)**

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Callophrys irus hadros</i>	Texas frosted elfin	-	INV	G3T1T2	S1
<i>Faxonella blairi</i>	a crayfish	-	INV	G2	S2
<i>Neonympha areolatus</i>	Georgia satyr	-	INV	G3G4	S2
<i>Poanes yehi</i>	Yehl skipper	-	INV	G4	S1S3
<i>Pogonomyrmex comanche</i>	Comanche harvester ant	-	INV	GNR	S1S2
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Uniomerus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniomerus tetralasmus</i>	pondhorn	-	INV	G5	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Gallinula chloropus</i>	Common Moorhen	-	INV	G5	S1B,S2N
<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>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<i>Tyrannus verticalis</i>	Western Kingbird	-	INV	G5	S1B,S1N
<b>Plants-Vascular</b>					
<i>Aletris aurea</i>	golden colicroot	-	INV	G5	S1S2
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Amorpha paniculata</i>	panicled indigo-bush	-	ST	G2G3	S1
<i>Aristida lanosa</i>	woolly three-awn	-	INV	G5	S2
<i>Asimina parviflora</i>	dwarf pawpaw	-	INV	G5	S2S3
<i>Astragalus leptocarpus</i>	slim-pod milk-vetch	-	INV	G5	S2
<i>Astragalus soxmaniorum</i>	Soxman's milk-vetch	-	INV	G3	S2
<i>Azolla caroliniana</i>	Carolina mosquito fern	-	INV	G5	SU
<i>Bergia texana</i>	Texas bergia	-	INV	G5	S2
<i>Berlandiera pumila var. pumila</i>	sandhill green-eyes	-	INV	G4G5TNR	S1
<i>Bouteloua hirsuta ssp. hirsuta</i>	hairy grama	-	SE	G5T5	S1
<i>Bulbostylis ciliatifolia var. coarctata</i>	fringe-leaf hairsedge	-	INV	G5T3T5	S1S2
<i>Callirhoe papaver</i>	woodland poppy-mallow	-	INV	G5	S1
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Coreopsis intermedia</i>	golden-wave tickseed	-	INV	G3	S1
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Croton michauxii</i>	narrow-leaf rushfoil	-	INV	G5	S1S2



Miller County (cont.)

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

**Special Elements-Natural Communities**

Forested Canebrake	-	INV	GNR	SNR
Lowland Meander Scar Lake	-	INV	GNR	SNR

**Miller County (cont.)**

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Potamilus capax</i>	fat pocketbook	LE	SE	G2	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Toxolasma 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
<b>Animals-Vertebrates</b>					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Egretta tricolor</i>	Tricolored Heron	-	INV	G5	S3B,S3N
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>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	SE	G2	S1
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<i>Tyrannus verticalis</i>	Western Kingbird	-	INV	G5	S1B,S1N
<b>Plants-Vascular</b>					
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Mentha arvensis</i>	wild mint	-	INV	G5	S1
<b>Special Elements-Natural Communities</b>					
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Callophrys irus hadros</i>	Texas frosted elfin	-	INV	G3T1T2	S1
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Cordulegaster talaria</i>	Ouachita spiketail	-	INV	G1G2	S1
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Fallicambarus harpi</i>	a crayfish	-	INV	G2	S2
<i>Gomphus ozarkensis</i>	Ozark clubtail dragonfly	-	INV	G4	S1
<i>Hesperia meskei</i>	Meske's skipper	-	INV	G3G4	S1S2
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligidium elrodii</i>	an isopod	-	INV	G4G5	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lucanus elaphus</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>Problema byssus</i>	byssus skipper	-	INV	G3G4	S1
<i>Procambarus parasimulans</i>	a crayfish	-	INV	G4	S3
<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	SE	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
<b>Animals-Vertebrates</b>					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Crotalus atrox</i>	western diamondback rattlesnake	-	INV	G5	S2
<i>Etheostoma pallidorsum</i>	paleback darter	-	INV	G2	S2
<i>Hemidactylium scutatum</i>	four-toed salamander	-	INV	G5	S3
<i>Lythrurus snelsoni</i>	Ouachita shiner	-	INV	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?

Montgomery 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 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
<i>Setophaga virens</i>	Black-throated Green Warbler	-	INV	G5	S2B,S5N
<b>Plants-Vascular</b>					
<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	G5T5	S2S3
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Asplenium x gravesii</i>	Graves' spleenwort	-	INV	GNA	S1
<i>Cardamine angustata</i>	slender toothwort	-	INV	G5	S2
<i>Carex bromoides ssp. bromoides</i>	brome sedge	-	INV	G5T5	S2
<i>Carex emoryi</i>	Emory's sedge	-	INV	G5	S1
<i>Carex laevivaginata</i>	smooth-sheath sedge	-	INV	G5	S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Carex pennsylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Carex prasina</i>	drooping sedge	-	INV	G4	SH
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex timida</i>	timid sedge	-	INV	G2G4	S2S3
<i>Cirsium muticum</i>	swamp thistle	-	ST	G5	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Dennstaedtia punctilobula</i>	hay-scented fern	-	INV	G5	S2
<i>Didiplis diandra</i>	water-purslane	-	INV	G5	S1S3
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dryopteris celsa</i>	log fern	-	INV	G4	S2
<i>Dryopteris x australis</i>	Dixie wood fern	-	INV	GNA	S1
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Euphorbia longicuris</i>	wedge-leaf spurge	-	INV	G4G5	S1
<i>Euphorbia sp. nov.</i>	Ouachita spurge	-	INV	GNR	S3
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Galium arkansanum var. pubiflorum</i>	hairy-flower Arkansas bedstraw	-	INV	G5TNR	S2
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Helianthus occidentalis ssp. plantagineus</i>	plantain-leaf sunflower	-	INV	G5T2T3	S1
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Ilex longipes</i>	Georgia holly	-	INV	G5	S3
<i>Iris verna var. smalliana</i>	dwarf iris	-	INV	G5T4T5	S2
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3

Montgomery County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Luzula acuminata</i> var. <i>carolinae</i>	Carolina wood-rush	-	INV	G5T4T5	S2
<i>Marshallia caespitosa</i> var. <i>caespitosa</i>	Barbara's-buttons	-	INV	G4T4	S2
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	-	INV	G5	S1S3
<i>Paronychia virginica</i>	yellow nailwort	-	INV	G4	S2
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Polymnia cossatotensis</i>	Cossatot leafcup	-	INV	G1	S1
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Quercus acerifolia</i>	maple-leaf oak	-	ST	G1	S1
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Sium suave</i>	water-parsnip	-	INV	G5	S1S3
<i>Solidago ouachitensis</i>	Ouachita goldenrod	-	INV	G3	S3
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>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	G3	S3
<i>Uvularia perfoliata</i>	perfoliate bellwort	-	INV	G5	S3
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<i>Valerianella palmeri</i>	Palmer's cornsalad	-	INV	G3	S3
<i>Veratrum woodii</i>	Wood's false hellebore	-	INV	G5	S3
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Vitis rupestris</i>	sand grape	-	INV	G3	S3
<b>Special Elements-Natural Communities</b>					
Ouachita Mountain Forested Seep		-	INV	GNR	SNR
Ozark-Ouachita Shortleaf Pine-Oak Forest		-	INV	GNR	SNR
Upland Headwater Stream-Ouachita Mountains		-	INV	GNR	SNR
Upland Stream-Ouachita Mountains		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

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

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



**Nevada County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Cypripedium 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
<i>Diaperia candida</i>	silver rabbit-tobacco	-	INV	G3G5	S1S2
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eriogonum multiflorum var. multiflorum</i>	many-flower wild buckwheat	-	INV	G5T3T5	S3
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Halesia diptera</i>	two-wing silverbell	-	SE	G5	SH
<i>Hymenopappus artemisiifolius var. artemisiifolius</i>	woolly-white	-	INV	G5T4	S2
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Oenothera heterophylla ssp. orientalis</i>	eastern sandhill evening-primrose	-	INV	G4TU	S1S2
<i>Palhinhaea cernua</i>	nodding club-moss	-	INV	G5	S1
<i>Panicum rigidulum ssp. pubescens</i>	red-top panic grass	-	INV	G5T5?	S1
<i>Pediomelum hypogaeum var. subulatum</i>	buried Indian-breadroot	-	SE	G5T4	S1
<i>Penstemon murrayanus</i>	scarlet beardtongue	-	ST	G4	S2
<i>Phacelia strictiflora var. robbinsii</i>	Robbins' prairie scorpion-weed	-	INV	G5T4	S1S2
<i>Polanisia erosa ssp. erosa</i>	sandhill clammy-weed	-	INV	G5T5	S1S2
<i>Pseudolycopodiella caroliniana</i>	slender bog club-moss	-	INV	G4	S1
<i>Ranunculus aquatilis var. diffusus</i>	white water crowfoot	-	INV	G5T5	S2S3
<i>Selaginella arenicola ssp. 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 var. pattersonii</i>	Patterson's dawnflower	-	INV	G4T4	S2
<i>Styphnolobium affine</i>	Eve's necklace	-	INV	G4	S2S3
<i>Tradescantia reverchonii</i>	Reverchon's spiderwort	-	INV	G4	S3
<i>Trifolium bejariense</i>	Bejar clover	-	INV	G4	SH
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Vulpia sciurea</i>	squirrel-tail six-weeks grass	-	INV	G5	S1

**Special Elements-Natural Communities**

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Alasmidonta viridis</i>	slippershell mussel	-	INV	G4G5	S1
<i>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>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Dendrocoelopsis americana</i>	a cave obligate planarian	-	INV	G2G3	S1
<i>Hesperochernes occidentalis</i>	a pseudoscorpion	-	INV	G5	S1
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Heterosternuta phoebeae</i>	a predaceous diving beetle	-	INV	G2	S2
<i>Heterosternuta 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>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	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>Trigenotyia parca</i>	a cave obligate millipede	-	INV	G1G2	S1
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Accipiter striatus</i>	Sharp-shinned Hawk	-	INV	G5	S1S2B
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	SE	G4T1	S1
<i>Crotaphytus collaris</i>	eastern collared lizard	-	INV	G5	S3
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma autumnale</i>	autumn darter	-	INV	GNR	S2
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?
<i>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G3	S1
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1

Newton County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Setophaga cerulea</i>	Cerulean Warbler	-	INV	G4	S4B
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
<b>Plants-Vascular</b>					
<i>Abutilon fruticosum</i>	Texas Indian-mallow	-	INV	G4G5	S1
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Anemone acutiloba</i>	sharp-lobe hepatica	-	INV	G5	S1S2
<i>Blephilia hirsuta</i>	hairy wood mint	-	INV	G5?	S1
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex hirtifolia</i>	hairy sedge	-	INV	G5	S3
<i>Carex hitchcockiana</i>	Hitchcock's sedge	-	INV	G5	S1S2
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Cerastium velutinum</i> var. <i>velutinum</i>	velvety chickweed	-	INV	GNRT4?	S1
<i>Collinsia verna</i>	blue-eyed Mary	-	INV	G5	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Elymus riparius</i>	river-bank wild rye	-	INV	G5	S1S2
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Heuchera villosa</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>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Lilium superbum</i>	Turk's-cap lily	-	INV	G5	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Muhlenbergia bushii</i>	nodding muhly	-	INV	G5	S2
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Neviusia alabamensis</i>	Alabama snow-wreath	-	ST	G2	S1S2
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	-	INV	G5	S1S3
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Phacelia gilioides</i>	Brand's scorpion-weed	-	INV	G5	S2S3
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Physalis missouriensis</i>	Missouri ground-cherry	-	INV	G5?	SH
<i>Primula frenchii</i>	French's shooting-star	-	ST	G3	S2
<i>Prosartes lanuginosa</i>	yellow mandarin	-	INV	G5	S2
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Smilax ecirrhata</i>	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

**Newton County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3	S3
<i>Veratrum woodii</i>	Wood's false hellebore	-	INV	G5	S3
<i>Viola canadensis var. canadensis</i>	Canadian white violet	-	INV	G5T5	S2
<b>Special Elements-Natural Communities</b>					
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
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	SE	G1	S1
<i>Caecidotea foxi</i>	an isopod	-	INV	GNR	S1
<i>Cicindela formosa pigmentosignata</i>	big sand tiger beetle	-	INV	G5T5	S2S3
<i>Cumberlandia monodonta</i>	spectaclecase	LE	SE	G3	S1
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Neonympha areolatus</i>	Georgia satyr	-	INV	G3G4	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Pogonomyrmex comanche</i>	Comanche harvester ant	-	INV	GNR	S1S2
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	G3G4T3	S2
<i>Quadrula fragosa</i>	winged mapleleaf	LE	SE	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
<b>Animals-Vertebrates</b>					
<i>Acipenser fulvescens</i>	lake sturgeon	-	INV	G3G4	S1
<i>Alosa alabamae</i>	Alabama shad	-	INV	G2G3	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>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>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<b>Plants-Vascular</b>					
<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	G5T5	S2S3
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2

Ouachita County (cont.)

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

**Special Elements-Natural Communities**

West Gulf Coastal Plain Sandhill Oak & Shortleaf Pine Forest & Woodland	-	INV	GNR	SNR
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**Arkansas Natural Heritage Commission  
Department of Arkansas Heritage  
Inventory Research Program  
Perry County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alloperla caddo</i>	Caddo sallfly	-	INV	G1G2	S1
<i>Amblyscirtes aesculapius</i>	lace-winged roadside skipper	-	INV	G3G4	S1S3
<i>Caecidotea holti</i>	an isopod	-	INV	GNR	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Leptodea leptodon</i>	scaleshell	LE	SE	G1G2	S1
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Ochrotrichia robisoni</i>	a microcaddisfly	-	INV	G1G3	S1
<i>Problema byssus</i>	byssus skipper	-	INV	G3G4	S1
<i>Speyeria diana</i>	Diana	-	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
<b>Animals-Vertebrates</b>					
<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>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<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	SE	G3	S2
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5T5	S2
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Bergia texana</i>	Texas bergia	-	INV	G5	S2
<i>Calamovilfa arcuata</i>	Cumberland sand-reed	-	INV	G2G3	S1
<i>Carex pensylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Carex willdenowii</i>	Willdenow's sedge	-	INV	G5	S1
<i>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

**Perry County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Marshallia caespitosa</i> var. <i>signata</i>	leafy Barbara's-buttons	-	INV	G4T4	S1
<i>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>	bog yellow-eyed-grass	-	INV	G5T5	S2
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR



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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Crangonyx obliquus</i>	an amphipod	-	INV	G5	S3?
<i>Lirceus louisianae</i>	an isopod	-	INV	GNR	S1
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Macrobrachium ohione</i>	Ohio shrimp	-	INV	G4	S1?
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Potamilus capax</i>	fat pocketbook	LE	SE	G2	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Synurella bifurca</i>	an amphipod	-	INV	GNR	S3?
<b>Animals-Vertebrates</b>					
<i>Acipenser fulvescens</i>	lake sturgeon	-	INV	G3G4	S1
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hiodon alosoides</i>	goldeye	-	INV	G5	S2?
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Noturus flavus</i>	stonecat	-	INV	G5	S1
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Scaphirhynchus albus</i>	pallid sturgeon	LE	SE	G2	S1
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<b>Plants-Vascular</b>					
<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
<b>Special Elements-Natural Communities</b>					
Mississippi River Riparian Forest		-	INV	GNR	SNR
Southern Crowley's Ridge Mesic Loess Slope Forest		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Alasmidonta viridis</i>	slippershell mussel	-	INV	G4G5	S1
<i>Amblyscirtes aesculapius</i>	lace-winged roadside skipper	-	INV	G3G4	S1S3
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Fallicambarus harpi</i>	a crayfish	-	INV	G2	S2
<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	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Ptychobranchus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<i>Stenotrema unciferum</i>	Ouachita slitmouth	-	INV	G2	SNR
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	-	INV	G5	S1
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Etheostoma pallidiorum</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?
<i>Setophaga cerulea</i>	Cerulean Warbler	-	INV	G4	S4B
<b>Plants-Vascular</b>					
<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	G5T5	S2S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Cardamine angustata</i>	slender toothwort	-	INV	G5	S2
<i>Carex emoryi</i>	Emory's sedge	-	INV	G5	S1
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3

**Pike County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Carex pensylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex timida</i>	timid sedge	-	INV	G2G4	S2S3
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Deschampsia flexuosa</i>	wavy hair grass	-	INV	G5	S2S3
<i>Galium arkansanum var. pubiflorum</i>	hairy-flower Arkansas bedstraw	-	INV	G5TNR	S2
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Ilex longipes</i>	Georgia holly	-	INV	G5	S3
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Luzula acuminata var. carolinae</i>	Carolina wood-rush	-	INV	G5T4T5	S2
<i>Lycopodiella prostrata</i>	prostrate bog club-moss	-	INV	G5	S1
<i>Pseudolycopodiella caroliniana</i>	slender bog club-moss	-	INV	G4	S1
<i>Selaginella arenicola ssp. riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Solidago ouachitensis</i>	Ouachita goldenrod	-	INV	G3	S3
<i>Streptanthus maculatus ssp. obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Streptanthus squamiformis</i>	Ouachita twistflower	-	ST	G2	S2
<b>Special Elements-Natural Communities</b>					
West Gulf Coastal Plain Seepage Swamp and Baygall		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
Geological feature		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Potamilus capax</i>	fat pocketbook	LE	SE	G2	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>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
<b>Animals-Vertebrates</b>					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Asio flammeus</i>	Short-eared Owl	-	INV	G5	S3N
<i>Carphophis amoenus helenae</i>	midwest worm snake	-	INV	G5T5	S2
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Deirochelys reticularia miaria</i>	western chicken turtle	-	INV	G5T5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lasiurus seminolus</i>	Seminole bat	-	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>Regina grahamii</i>	Graham's crayfish snake	-	INV	G5	S2
<i>Taxidea taxus</i>	American badger	-	INV	G5	S1S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
<b>Plants-Vascular</b>					
<i>Carex muskingumensis</i>	palm sedge	-	INV	G4	S1
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?

**Arkansas Natural Heritage Commission  
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Polk County**

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Abacion wilhelminae</i>	a millipede	-	INV	GNR	S1
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Caecidotea fonticulus</i>	an isopod	-	INV	GNR	S1
<i>Caecidotea oculata</i>	an isopod	-	INV	G2G3	S1
<i>Cyrogenia 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>Hesperia meskei</i>	Meske's skipper	-	INV	G3G4	S1S2
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	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>Problema byssus</i>	byssus skipper	-	INV	G3G4	S1
<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
<b>Animals-Vertebrates</b>					
<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>Etheostoma pallididorsum</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?
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3

Polk County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Percina pantherina</i>	leopard darter	LT	SE	G1	S1
<i>Percina sp. nov.</i>	Ouachita darter	-	INV	G2?	SNR
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Plestiodon obtusirostris</i>	southern prairie skink	-	INV	G5	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon caddoensis</i>	Caddo Mountain salamander	-	INV	G2	S2
<i>Plethodon fourchensis</i>	Fourche Mountain salamander	-	INV	G2Q	S2
<i>Plethodon kiamichi</i>	Kiamichi slimy salamander	-	INV	G2	S1
<i>Plethodon ouachitae</i>	Rich Mountain salamander	-	INV	G2G3	S2
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5T5	S2
<i>Setophaga cerulea</i>	Cerulean Warbler	-	INV	G4	S4B
<i>Setophaga virens</i>	Black-throated Green Warbler	-	INV	G5	S2B,S5N
<i>Sonora semiannulata</i>	ground snake	-	INV	G5	SNR
<i>Sorex longirostris</i>	southeastern shrew	-	INV	G5	S2
<b>Plants-Vascular</b>					
<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	G5T5	S2S3
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Astragalus crassicaarpus var. crassicaarpus</i>	purple ground-plum	-	INV	G5T5	S2
<i>Calamagrostis porteri ssp. insperata</i>	Porter's reed grass	-	SE	G4T3	SH
<i>Cardamine angustata</i>	slender toothwort	-	INV	G5	S2
<i>Cardamine dissecta</i>	fork-leaf toothwort	-	INV	G4?	S1
<i>Carex comosa</i>	bottle-brush sedge	-	INV	G5	S1S2
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Carex hitchcockiana</i>	Hitchcock's sedge	-	INV	G5	S1S2
<i>Carex laevivaginata</i>	smooth-sheath sedge	-	INV	G5	S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Carex pennsylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Carex scoparia var. scoparia</i>	pointed broom sedge	-	INV	G5T5	S1S2
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex timida</i>	timid sedge	-	INV	G2G4	S2S3
<i>Carex willdenowii</i>	Willdenow's sedge	-	INV	G5	S1
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Deschampsia flexuosa</i>	wavy hair grass	-	INV	G5	S2S3
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dryopteris celsa</i>	log fern	-	INV	G4	S2
<i>Dryopteris x australis</i>	Dixie wood fern	-	INV	GNA	S1
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Elymus churchii</i>	Church's wild rye	-	INV	G2G3	S2?
<i>Elymus glaucus ssp. mackenzii</i>	Mackenzie's blue wild rye	-	INV	G5TNR	S1
<i>Euphorbia longicuris</i>	wedge-leaf spurge	-	INV	G4G5	S1
<i>Euphorbia sp. nov.</i>	Ouachita spurge	-	INV	GNR	S3
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Galium arkansanum var. pubiflorum</i>	hairy-flower Arkansas bedstraw	-	INV	G5TNR	S2
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3

**Polk County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Ilex longipes</i>	Georgia holly	-	INV	G5	S3
<i>Iris verna var. smalliana</i>	dwarf iris	-	INV	G5T4T5	S2
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Luzula acuminata var. carolinae</i>	Carolina wood-rush	-	INV	G5T4T5	S2
<i>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	G3	S3
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<i>Valerianella palmeri</i>	Palmer's cornsalad	-	INV	G3	S3
<i>Veratrum woodii</i>	Wood's false hellebore	-	INV	G5	S3
<i>Verbesina walteri</i>	rayless crownbeard	-	INV	G4	S1
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Xyris difformis var. difformis</i>	bog yellow-eyed-grass	-	INV	G5T5	S2

**Special Elements-Natural Communities**

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Cambarus causeyi</i>	a crayfish	-	INV	G2	S1
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4G5	S2
<i>Crangonyx aka</i>	an amphipod	-	INV	G1	S1?
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Pygarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<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
<b>Animals-Vertebrates</b>					
<i>Accipiter striatus</i>	Sharp-shinned Hawk	-	INV	G5	S1S2B
<i>Asio flammeus</i>	Short-eared Owl	-	INV	G5	S3N
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma mihileze</i>	sunburst darter	-	INV	GNR	S3
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hybognathus placitus</i>	plains minnow	-	INV	G4	SX
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lithobates areolatus circulosus</i>	northern crawfish frog	-	INV	G4T4	S2
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Notropis girardi</i>	Arkansas River shiner	LT	SE	G2	SX
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pandion haliaetus</i>	Osprey	-	INV	G5	S1B,S4N
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Phenacobius mirabilis</i>	suckermouth minnow	-	INV	G5	S1
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon serratus</i>	southern 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>Setophaga cerulea</i>	Cerulean Warbler	-	INV	G4	S4B
<i>Setophaga pensylvanica</i>	Chestnut-sided Warbler	-	INV	G5	S1B,S5N
<i>Setophaga virens</i>	Black-throated Green Warbler	-	INV	G5	S2B,S5N
<i>Sorex longirostris</i>	southeastern shrew	-	INV	G5	S2
<i>Spea bombifrons</i>	plains spadefoot	-	INV	G5	S1
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B



**Pope County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<b>Plants-Vascular</b>					
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Claytonia caroliniana</i>	Carolina spring-beauty	-	INV	G5	SU
<i>Crataegus macrocarpa</i>	fan-leaf hawthorn	-	INV	G5	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Dalea lanata</i> var. <i>lanata</i>	woolly prairie-clover	-	INV	G5TNR	S2S3
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Euphorbia hexagona</i>	six-angle spurge	-	INV	G5	S2
<i>Helianthus occidentalis</i> ssp. <i>plantagineus</i>	plantain-leaf sunflower	-	INV	G5T2T3	S1
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Hydrocotyle americana</i>	marsh pennywort	-	INV	G5	SH
<i>Lilium superbum</i>	Turk's-cap lily	-	INV	G5	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Neviusia alabamensis</i>	Alabama snow-wreath	-	ST	G2	S1S2
<i>Osmunda claytoniana</i>	interrupted fern	-	ST	G5	S1
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Riddell's spike-moss	-	INV	G4T4	S3
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	-	INV	G5	S1S2
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Utricularia subulata</i>	zigzag bladderwort	-	INV	G5	S2
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<b>Special Elements-Natural Communities</b>					
Arkansas Valley Prairie and Woodland		-	INV	GNR	SNR
Central Interior Highlands & Appalachachian 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	SNR
South-Central Interior Large Floodplain		-	INV	GNR	SNR
Upland Stream-Ozark Mountains		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Gryllotalpa major</i>	prairie mole cricket	-	INV	G3	S1S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	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	SE	G2	S1
<i>Quadrula apiculata</i>	southern mapleleaf	-	INV	G5	S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Tetraopes quinque maculatus</i>	a red milkweed beetle	-	INV	GNR	S1S2
<b>Animals-Vertebrates</b>					
<i>Acipenser fulvescens</i>	lake sturgeon	-	INV	G3G4	S1
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Asio flammeus</i>	Short-eared Owl	-	INV	G5	S3N
<i>Calcarius pictus</i>	Smith's Longspur	-	INV	G5	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
<b>Plants-Vascular</b>					
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Asclepias obovata</i>	savannah milkweed	-	INV	G5?	S2
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G3	S2
<i>Carex arkansana</i>	Arkansas sedge	-	INV	G4	S1
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Coelorachis rugosa</i>	wrinkled joint-tail	-	INV	G5	S2
<i>Crataegus x canescens</i>	Stern's medlar	-	INV	G1	S1
<i>Cuscuta glomerata</i>	rope dodder	-	INV	G5	S1
<i>Dichanthelium dichotomum ssp. roanokense</i>	Roanoke rosette grass	-	INV	G5TNR	S1
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Hypericum adpressum</i>	creeping St. John's-wort	-	INV	G3	S1
<i>Koeleria macrantha</i>	prairie June grass	-	INV	G5	S2
<i>Muhlenbergia glabrifloris</i>	inland muhly	-	INV	G4?	S1
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Paspalum boscianum</i>	bull paspalum	-	INV	G5	S1

**Prairie County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Polygala incarnata</i>	pink milkwort	-	INV	G5	S1S2
<i>Prenanthes aspera</i>	prairie rattlesnake-root	-	INV	G4?	S2S3
<i>Prunus pumila</i> var. <i>susquehanae</i>	sand cherry	-	ST	G5T4	S1
<i>Pycnanthemum verticillatum</i>	Whorled Mountain-mint	-	INV	G5	S1
<i>Sabatia campanulata</i>	slender rose-gentian	-	SE	G5	S1
<i>Solidago speciosa</i> var. <i>rigidiuscula</i>	narrow-leaf showy goldenrod	-	INV	G5T4	S2S3
<i>Solidago tortifolia</i>	twist-leaf goldenrod	-	INV	G4G5	S2
<i>Spiraea tomentosa</i>	hardhack	-	INV	G5	S2
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<b>Special Elements-Natural Communities</b>					
Lower Mississippi Alluvial Plain Grand Prairie		-	INV	GNR	SNR
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Arianops copelandi</i>	Copeland's mold beetle	-	INV	GNR	S1
<i>Dryobius sexnotatus</i>	six-banded longhorn beetle	-	INV	GNR	S2
<i>Hesperia meskei</i>	Meske's skipper	-	INV	G3G4	S1S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>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?
<b>Animals-Vertebrates</b>					
<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	SE	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>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<i>Tyrannus verticalis</i>	Western Kingbird	-	INV	G5	S1B,S1N
<b>Plants-Vascular</b>					
<i>Amorpha canescens</i>	lead-plant	-	INV	G5	S1
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Bergia texana</i>	Texas bergia	-	INV	G5	S2
<i>Callirhoe alcaeoides</i>	plains poppy-mallow	-	INV	G5?	S1?
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Carex arkansana</i>	Arkansas sedge	-	INV	G4	S1
<i>Carex bromoides ssp. bromoides</i>	brome sedge	-	INV	G5T5	S2
<i>Carex bullata</i>	button sedge	-	INV	G5	S1
<i>Carex comosa</i>	bottle-brush sedge	-	INV	G5	S1S2
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2

**Pulaski County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Crassula aquatica</i>	water pygmyweed	-	INV	G5	S1S3
<i>Crataegus macrosperma</i>	fan-leaf hawthorn	-	INV	G5	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Dalea lanata</i> var. <i>lanata</i>	woolly prairie-clover	-	INV	G5TNR	S2S3
<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Engelmannia peristenia</i>	Engelmann's daisy	-	INV	G5	S1
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Eustoma exaltatum</i>	catchfly prairie-gentian	-	INV	G5	S2
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Heliotropium convolvulaceum</i>	phlox heliotrope	-	INV	G5	S2
<i>Hexalectris spicata</i> var. <i>spicata</i>	crested-coralroot	-	INV	G5T4T5	S2
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Marshallia caespitosa</i> var. <i>signata</i>	leafy Barbara's-buttons	-	INV	G4T4	S1
<i>Micranthes virginiensis</i>	early saxifrage	-	INV	G5	S1S2
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Panicum rigidulum</i> ssp. <i>pubescens</i>	red-top panic grass	-	INV	G5T5?	S1
<i>Paspalum bifidum</i>	pitchfork paspalum	-	INV	G5	SH
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Polygala incarnata</i>	pink milkwort	-	INV	G5	S1S2
<i>Prenanthes barbata</i>	barbed rattlesnake-root	-	INV	G3	S2
<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	white water crowfoot	-	INV	G5T5	S2S3
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Rhynchospora colorata</i>	white-top sedge	-	SE	G5	S1
<i>Sabatia campanulata</i>	slender rose-gentian	-	SE	G5	S1
<i>Schoenoplectus californicus</i>	California bulrush	-	INV	G5	S1S2
<i>Spiraea tomentosa</i>	hardhack	-	INV	G5	S2
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Thalictrum arkansanum</i>	Arkansas meadow-rue	-	ST	G2Q	S2
<i>Tradescantia longipes</i>	dwarf spiderwort	-	INV	G4	S2
<i>Tradescantia paludosa</i>	confederate spiderwort	-	INV	G4?Q	S1S2
<i>Trifolium carolinianum</i>	Carolina clover	-	INV	G5	S1?
<i>Trifolium stoloniferum</i>	running buffalo clover	LE	INV	G3	SH
<i>Trillium ozarkanum</i>	Ozark trillium	-	INV	G3	S3
<i>Utricularia macrorhiza</i>	greater bladderwort	-	INV	G5	SH
<i>Vicia ludoviciana</i> ssp. <i>ludoviciana</i>	Louisiana vetch	-	INV	G5TNR	SH

**Special Elements-Natural Communities**

Lower Mississippi River Bottomland Depression	-	INV	GNR	SNR
Ozark-Ouachita Dry Oak Woodland	-	INV	GNR	SNR
West Gulf Coastal Plain Nepheline Syenite Glade	-	INV	GNR	SNR

**Pulaski County (cont.)**

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Bactrurus pseudomucronatus</i>	false sword-tailed cave amphipod	-	INV	G2G3	S1?
<i>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	SE	G1T1	S1
<i>Epioblasma triquetra</i>	snuffbox	LE	SE	G3	S1
<i>Hesperochernes occidentalis</i>	a pseudoscorpion	-	INV	G5	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>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>Marstonia ozarkensis</i>	Ozark Pyrg	-	INV	G1	S1?
<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	SE	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
<b>Animals-Vertebrates</b>					
<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>Cottus immaculatus</i>	knobfin sculpin	-	INV	GNR	S3
<i>Cryptobranhus alleganiensis bishopi</i>	Ozark hellbender	LE	SE	G3G4T2Q	S2
<i>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Cycleptus elongatus</i>	blue sucker	-	INV	G3G4	S2
<i>Cyprinella spiloptera</i>	spotfin shiner	-	INV	G5	S1
<i>Erimystax harrisi</i>	Ozark chub	-	INV	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>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Moxostoma anisurum</i>	silver redhorse	-	INV	G5	S1?
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?

**Randolph County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Notropis atrocaudalis</i>	blackspot shiner	-	INV	G4	S3
<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>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Percina uranidea</i>	stargazing darter	-	INV	G3	S3
<i>Typhlichthys subterraneus</i>	southern cavefish	-	INV	G4	S1
<b>Plants-Vascular</b>					
<i>Carex suberecta</i>	prairie straw sedge	-	INV	G4	S2
<i>Elymus riparius</i>	river-bank wild rye	-	INV	G5	S1S2
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Orbexilum onobrychis</i>	french-grass	-	INV	G5	S1
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Phacelia giliioides</i>	Brand's scorpion-weed	-	INV	G5	S2S3
<i>Plantago cordata</i>	heart-leaf plantain	-	ST	G4	S2
<i>Pycnanthemum virginianum</i>	Virginia mountain-mint	-	INV	G5	S1S2
<i>Sium suave</i>	water-parsnip	-	INV	G5	S1S3



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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Agapetus medicus</i>	Arkansas Agapetus Caddisfly	-	INV	G1G2	SNR
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Crangonyx aka</i>	an amphipod	-	INV	G1	S1?
<i>Cyrogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Hesperia meskei</i>	Meske's skipper	-	INV	G3G4	S1S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis ornata</i>	southern pocketbook	-	INV	G5	S1
<i>Lampsilis powellii</i>	Arkansas fatmucket	LT	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Ochrotrichia robisoni</i>	a microcaddisfly	-	INV	G1G3	S1
<i>Ophiogomphus westfalli</i>	Ozark snaketail dragonfly	-	INV	G3	S1S2
<i>Paucicalcaria ozarkensis</i>	a microcaddisfly	-	INV	G1	S1
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>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>Uniomereus declivis</i>	tapered pondhorn	-	INV	G5Q	S2
<i>Uniomereus tetralasmus</i>	pondhorn	-	INV	G5	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa arkansasensis</i>	Ouachita creekshell	-	INV	G2	S2
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Hemidactylium scutatum</i>	four-toed salamander	-	INV	G5	S3
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Lasiurus seminolus</i>	Seminole bat	-	INV	G5	S3
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Notropis perpallidus</i>	peppered shiner	-	INV	G3	S2
<i>Noturus lachneri</i>	Ouachita madtom	-	INV	G2	S2
<i>Pantherophis emoryi</i>	Great Plains rat snake	-	INV	G5	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	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

Saline County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Plants-Vascular</b>					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Anthenantia texana</i>	Kral's silkyscale	-	INV	G3G4	S3
<i>Calopogon tuberosus</i> var. <i>tuberosus</i>	tuberous grass-pink	-	INV	G5T5	S1
<i>Camassia angusta</i>	prairie wild hyacinth	-	INV	G5?Q	S2S3
<i>Cardamine douglassii</i>	purple cress	-	INV	G5	S1
<i>Carex atlantica</i> ssp. <i>atlantica</i>	prickly bog sedge	-	INV	G5T4	S2
<i>Carex bullata</i>	button sedge	-	INV	G5	S1
<i>Carex conjuncta</i>	soft fox sedge	-	INV	G4G5	S1
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Carex gigantea</i>	giant sedge	-	INV	G4	S1S2
<i>Carex laevivaginata</i>	smooth-sheath sedge	-	INV	G5	S2
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Carex willdenowii</i>	Willdenow's sedge	-	INV	G5	S1
<i>Chelone glabra</i>	white turtlehead	-	INV	G5	S1
<i>Claytonia caroliniana</i>	Carolina spring-beauty	-	INV	G5	SU
<i>Cyperus haspan</i>	haspan flatsedge	-	INV	G5	S2
<i>Cyperus hystricinus</i>	bristly flatsedge	-	INV	G4	S2S3
<i>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</i> var. <i>arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eleocharis equisetoides</i>	horsetail spike-rush	-	INV	G4	S1
<i>Eleocharis flavescens</i> var. <i>flavescens</i>	yellow spike-rush	-	INV	G5T5	S1S2
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Erythronium mesochoreum</i>	prairie trout-lily	-	INV	G4G5	S1S2
<i>Euphorbia missurica</i>	Missouri spurge	-	INV	G5	S2
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Fuirena bushii</i>	Bush's umbrella sedge	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Hypericum adpressum</i>	creeping St. John's-wort	-	INV	G3	S1
<i>Ilex verticillata</i>	winterberry	-	ST	G5	S2
<i>Iris verna</i> var. <i>smalliana</i>	dwarf iris	-	INV	G5T4T5	S2
<i>Juncus canadensis</i>	Canadian rush	-	INV	G5	S1
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Lycopodiella prostrata</i>	prostrate bog club-moss	-	INV	G5	S1
<i>Muhlenbergia glabrifloris</i>	inland muhly	-	INV	G4?	S1
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Panicum rigidulum</i> ssp. <i>pubescens</i>	red-top panic grass	-	INV	G5T5?	S1
<i>Paspalum bifidum</i>	pitchfork paspalum	-	INV	G5	SH
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Photinia melanocarpa</i>	black chokeberry	-	INV	G5	SH
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Platanthera x channellii</i>	Channell's fringed orchid	-	INV	GNA	S1

Saline County (cont.)

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Caecidotea montana</i>	an isopod	-	INV	GNR	S1
<i>Callophrys irus hadros</i>	Texas frosted elfin	-	INV	G3T1T2	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lirceus garmani</i>	an isopod	-	INV	GNR	S1
<i>Nicrophorus americanus</i>	American burying beetle	LE	SE	G2G3	S1
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Problema byssus</i>	byssus skipper	-	INV	G3G4	S1
<i>Procambarus tenuis</i>	a crayfish	-	INV	G3	S2
<i>Ptychobranchius 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
<b>Animals-Vertebrates</b>					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Cistothorus platensis</i>	Sedge Wren	-	INV	G5	S1B,S4N
<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	SE	G3	S2
<i>Plestiodon obsoletus</i>	Great Plains skink	-	INV	G5	S1
<i>Plethodon fourchensis</i>	Fourche Mountain salamander	-	INV	G2Q	S2
<i>Plethodon ouachitae</i>	Rich Mountain salamander	-	INV	G2G3	S2
<i>Plethodon serratus</i>	southern redback salamander	-	INV	G5	S3
<i>Spilogale putorius</i>	eastern spotted skunk	-	INV	G5	S2S3
<b>Plants-Vascular</b>					
<i>Amorpha ouachitensis</i>	Ouachita indigo-bush	-	INV	G3Q	S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Calamovilfa arcuata</i>	Cumberland sand-reed	-	INV	G2G3	S1
<i>Carex pensylvanica</i>	Pennsylvania sedge	-	INV	G5	S3
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Cyperus grayoides</i>	Illinois flatsedge	-	INV	G3	S1
<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

Scott County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Iva angustifolia</i>	slender marsh-elder	-	INV	G5?	S1
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Liatris scariosa</i> var. <i>nieuwlandii</i>	northern blazing-star	-	INV	G5?T3T5	S2?
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Stachys iltisii</i>	Ouachita hedge-nettle	-	INV	GNR	S3
<i>Veratrum woodii</i>	Wood's false hellebore	-	INV	G5	S3
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Vitis rupestris</i>	sand grape	-	INV	G3	S3
<i>Xyris difformis</i> var. <i>difformis</i>	bog yellow-eyed-grass	-	INV	G5T5	S2
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<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	SE	G1Q	S1
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lirceus bicuspidatus</i>	an isopod	-	INV	G3Q	S2
<i>Patera clenchi</i>	Calico Rock oval	-	INV	G1	SNR
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Pygarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	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
<b>Animals-Vertebrates</b>					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	SE	G4T1	S1
<i>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma autumnale</i>	autumn darter	-	INV	GNR	S2
<i>Etheostoma moorei</i>	yellowcheek darter	LE	SE	G1	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis leibii</i>	eastern small-footed bat	-	INV	G3	S1
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Sorex longirostris</i>	southeastern shrew	-	INV	G5	S2
<b>Plants-Vascular</b>					
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Carex radiata</i>	eastern star sedge	-	INV	G4	S1
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3

**Searcy County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Cerastium velutinum</i> var. <i>velutinum</i>	velvety chickweed	-	INV	GNRT4?	S1
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Desmodium illinoense</i>	Illinois tick-trefoil	-	INV	G5	S2
<i>Fothergilla major</i>	witch-alder	-	INV	G3	S1
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Mentzelia oligosperma</i>	stick-leaf	-	INV	G4	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Muhlenbergia cuspidata</i>	plains muhly	-	INV	G4	S1
<i>Neviusia alabamensis</i>	Alabama snow-wreath	-	ST	G2	S1S2
<i>Paronychia virginica</i>	yellow nailwort	-	INV	G4	S2
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Phlox amplifolia</i>	broad-leaf phlox	-	INV	G3G5	S1
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Ribes cynosbati</i>	prickly gooseberry	-	INV	G5	S2S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Tradescantia ozarkana</i>	Ozark spiderwort	-	INV	G3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<b>Special Elements-Natural Communities</b>					
Ozark-Ouachita Dry-Mesic Oak Forest		-	INV	GNR	SNR
Ozark-Ouachita Mesic Hardwood Forest		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Atrytone arogos</i>	Arogos skipper	-	INV	G3	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Hesperia meskei</i>	Meske's skipper	-	INV	G3G4	S1S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Nicrophorus americanus</i>	American burying beetle	LE	SE	G2G3	S1
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<b>Animals-Vertebrates</b>					
<i>Ambystoma talpoideum</i>	mole salamander	-	INV	G5	S3
<i>Calcarius pictus</i>	Smith's Longspur	-	INV	G5	S3N
<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>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<i>Terrapene ornata ornata</i>	ornate box turtle	-	INV	G5T5	S2
<i>Thryomanes bewickii</i>	Bewick's Wren	-	INV	G5	S2B,S3N
<i>Tyrannus verticalis</i>	Western Kingbird	-	INV	G5	S1B,S1N
<b>Plants-Vascular</b>					
<i>Androsace occidentalis</i>	rock-jasmine	-	INV	G5	S1
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	-	INV	G3	S2
<i>Camassia angusta</i>	prairie wild hyacinth	-	INV	G5?Q	S2S3
<i>Carex gravida</i>	heavy sedge	-	INV	G5	S2S3
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Cooperia drummondii</i>	rain-lily	-	INV	G5	S1S2
<i>Croton lindheimerianus var. lindheimerianus</i>	Lindheimer's croton	-	INV	G5TNR	S1
<i>Dalea lanata var. lanata</i>	woolly prairie-clover	-	INV	G5TNR	S2S3
<i>Diaperia verna var. verna</i>	many-stem rabbit-tobacco	-	INV	G5TNR	SH
<i>Equisetum laevigatum</i>	smooth scouring-rush	-	INV	G5	S1
<i>Iva angustifolia</i>	slender marsh-elder	-	INV	G5?	S1
<i>Koeleria macrantha</i>	prairie June grass	-	INV	G5	S2



**Sebastian County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Minuartia drummondii</i>	Drummond's sandwort	-	INV	G5	S2S3
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Physalis pumila</i>	prairie ground-cherry	-	INV	G5	S1
<i>Plantago patagonica</i>	woolly plantain	-	INV	G5	S2
<i>Prenanthes aspera</i>	prairie rattlesnake-root	-	INV	G4?	S2S3
<i>Quercus acerifolia</i>	maple-leaf oak	-	ST	G1	S1
<i>Rhynchospora macrostachya</i>	prairie horned beaksedge	-	INV	G4	S2
<i>Rudbeckia maxima</i>	great coneflower	-	INV	G4?	S3
<i>Solidago speciosa</i> var. <i>rigidiuscula</i>	narrow-leaf showy goldenrod	-	INV	G5T4	S2S3
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	-	INV	G2?	S2
<b>Special Elements-Natural Communities</b>					
Arkansas Valley Prairie and Woodland		-	INV	GNR	SNR
Ozark-Ouachita Dry Oak Woodland		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Amblyscirtes aesculapius</i>	lace-winged roadside skipper	-	INV	G3G4	S1S3
<i>Arkansia wheeleri</i>	Ouachita rock pocketbook	LE	SE	G1	S1
<i>Fallicambarus strawni</i>	a crayfish	-	INV	G1G2	S1
<i>Gomphus ozarkensis</i>	Ozark clubtail dragonfly	-	INV	G4	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Leptodea leptodon</i>	scaleshell	LE	SE	G1G2	S1
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Poanes yehl</i>	Yehl skipper	-	INV	G4	S1S3
<i>Procambarus parasimulans</i>	a crayfish	-	INV	G4	S3
<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	SE	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
<b>Animals-Vertebrates</b>					
<i>Ammocrypta clara</i>	western sand darter	-	INV	G3	S2?
<i>Chrysemys dorsalis</i>	southern painted turtle	-	INV	G5	S3
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lythrurus snelsoni</i>	Ouachita shiner	-	INV	G3	SNR
<i>Nerodia cyclopion</i>	Mississippi green water snake	-	INV	G5	S3
<i>Notropis atrocaudalis</i>	blackspot shiner	-	INV	G4	S3
<i>Notropis hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Percina pantherina</i>	leopard darter	LT	SE	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
<b>Plants-Vascular</b>					
<i>Acer saccharum var. leucoderme</i>	chalk maple	-	INV	G5T5	S2S3
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Astragalus crassicaarpus var. crassicaarpus</i>	purple ground-plum	-	INV	G5T5	S2

Sevier County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Cardamine angustata</i>	slender toothwort	-	INV	G5	S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	-	INV	G5TNR	S1S3
<i>Distichlis spicata</i>	salt grass	-	INV	G5	S1
<i>Engelmannia peristenia</i>	Engelmann's daisy	-	INV	G5	S1
<i>Euphorbia</i> sp. <i>nov.</i>	Ouachita spurge	-	INV	GNR	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Lindheimeria texana</i>	Texas yellowstar	-	INV	G5	SH
<i>Lithospermum tuberosum</i>	tuberous puccoon	-	INV	G4	S2
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Pyrrhopappus pauciflorus</i>	few-flower false dandelion	-	INV	G5	S1S2
<i>Quercus sinuata</i>	Durand's white oak	-	ST	G4G5	S2
<i>Ranunculus flabellaris</i>	yellow water crowfoot	-	INV	G5	S3
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Streptanthus squamiformis</i>	Ouachita twistflower	-	ST	G2	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
<b>Special Elements-Natural Communities</b>					
Cypress Swamp		-	INV	GNR	SNR
Lowland Meander Scar Lake		-	INV	GNR	SNR
West Gulf Coastal Plain Northern Calcareous Prairie		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Bactrurus speleopolis</i>	Cave City cave amphipod	-	INV	G1	S1
<i>Caecidotea brevicauda</i>	an isopod	-	INV	GNR	S1
<i>Cicindela obsoleta</i>	scrubland tiger beetle	-	INV	G5	S1S2
<i>Crangonyx forbesi</i>	an amphipod	-	INV	G5	S1?
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Epioblasma triquetra</i>	snuffbox	LE	SE	G3	S1
<i>Epioblasma turgidula</i>	turgid blossom	LE	SE	GX	SX
<i>Gomphus ozarkensis</i>	Ozark clubtail dragonfly	-	INV	G4	S1
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Obovaria jacksoniana</i>	southern hickorynut	-	INV	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Ophiogomphus westfalli</i>	Ozark snaketail dragonfly	-	INV	G3	S1S2
<i>Orconectes eupunctus</i>	coldwater crayfish	-	INV	G2	S1
<i>Orconectes marchandi</i>	Mammoth Spring crayfish	-	INV	G2	S2
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Simpsonaias ambigua</i>	salamander mussel	-	INV	G3	S1
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<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>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Notropis sabiniae</i>	sabine shiner	-	INV	G4	S2?
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains 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
<b>Plants-Vascular</b>					
<i>Carex aggregata</i>	cluster sedge	-	INV	G5	S1
<i>Carex conjuncta</i>	soft fox sedge	-	INV	G4G5	S1
<i>Carex davisii</i>	Davis' sedge	-	INV	G4	S3
<i>Carex gravida</i>	heavy sedge	-	INV	G5	S2S3
<i>Carex interior</i>	inland star sedge	-	INV	G5	S1
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Carex suberecta</i>	prairie straw sedge	-	INV	G4	S2
<i>Carex timida</i>	timid sedge	-	INV	G2G4	S2S3
<i>Cyperus retrofractus</i>	rough flatsedge	-	INV	G5	S1?
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	-	INV	G5TNR	S1S3
<i>Elymus riparius</i>	river-bank wild rye	-	INV	G5	S1S2
<i>Erysimum capitatum</i> var. <i>capitatum</i>	western wallflower	-	INV	G5T5	S2
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Glyceria acutiflora</i>	creeping manna grass	-	INV	G5	S1
<i>Juncus subcaudatus</i>	fen rush	-	INV	G5	S1
<i>Ludwigia microcarpa</i>	small-fruit primrose-willow	-	INV	G5	S1
<i>Lysimachia hybrida</i>	lowland yellow-loosestrife	-	INV	G5	S1
<i>Malvastrum hispidum</i>	yellow false mallow	-	INV	G3G5	S2
<i>Marshallia caespitosa</i> var. <i>signata</i>	leafy Barbara's-buttons	-	INV	G4T4	S1
<i>Mimulus ringens</i> var. <i>ringens</i>	Allegheny monkey-flower	-	INV	G5T5	S1S2
<i>Nemastylis geminiflora</i>	celestial-lily	-	INV	G4	S3
<i>Pediomelum esculentum</i>	large Indian-breadroot	-	INV	G5	S2
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Physaria filiformis</i>	Missouri bladderpod	LT	INV	G3	S1
<i>Plantago cordata</i>	heart-leaf plantain	-	ST	G4	S2
<i>Pycnanthemum virginianum</i>	Virginia mountain-mint	-	INV	G5	S1S2
<i>Rhynchospora capillacea</i>	capillary beaksedge	-	INV	G4	S2
<i>Scleria verticillata</i>	whorled nut-rush	-	ST	G5	S1
<i>Scutellaria bushii</i>	Bush's skullcap	-	ST	G3	S2
<i>Sida elliotii</i>	Elliott's sida	-	INV	G4G5	S2S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Sium suave</i>	water-parsnip	-	INV	G5	S1S3
<i>Solidago riddellii</i>	Riddell's goldenrod	-	ST	G5	S1
<i>Spiranthes lucida</i>	shining ladies'-tresses	-	INV	G5	S2
<i>Symphotrichum sericeum</i>	silvery aster	-	INV	G5	S2
<i>Tradescantia subaspera</i>	zigzag spiderwort	-	INV	G5	S1S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Vallisneria americana</i>	eel-grass	-	INV	G5	S1
<i>Vitis rupestris</i>	sand grape	-	INV	G3	S3
<b>Special Elements-Natural Communities</b>					
Central Interior Highlands Calcareous Glade and Barrens		-	INV	GNR	SNR
Ozark-Ouachita Fen		-	INV	GNR	SNR
Spring-Ozark Mountains		-	INV	GNR	SNR
Upland Stream-Ozark Mountains		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Leptodea leptodon</i>	scaleshell	LE	SE	G1G2	S1
<i>Ligumia recta</i>	black sandshell	-	INV	G5	S2
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Potamilus alatus</i>	pink heelsplitter	-	INV	G5	S1
<i>Potamilus capax</i>	fat pocketbook	LE	SE	G2	S1
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<b>Animals-Vertebrates</b>					
<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	SE	G2	S1
<b>Plants-Vascular</b>					
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Obolaria virginica</i>	Virginia pennywort	-	INV	G5	S2
<i>Oenothera pilosella ssp. sessilis</i>	prairie evening-primrose	-	ST	G5T2	S2
<i>Paspalum boscianum</i>	bull paspalum	-	INV	G5	S1
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Schisandra glabra</i>	bay star-vine	-	INV	G3	S2S3
<i>Sida elliotii</i>	Elliott's sida	-	INV	G4G5	S2S3
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<b>Special Elements-Natural Communities</b>					
Lower Mississippi Alluvial Plain Grand Prairie		-	INV	GNR	SNR
Lower Mississippi River Flatwoods		-	INV	GNR	SNR
Southern Crowley's Ridge Mesic Loess Slope Forest		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Apochthonius titanicus</i>	a cave obligate pseudoscorpion	-	INV	G1G2	S1
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	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	SE	G1	S1
<i>Cicindela obsoleta</i>	scrubland tiger beetle	-	INV	G5	S1S2
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Daedalochila peregrina</i>	white liptooth	-	INV	G2	SNR
<i>Gastrocopta rogersensis</i>	a land snail	-	INV	G3G4	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lampsilis streckeri</i>	speckled pocketbook	LE	SE	G1Q	S1
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligidium elrodii</i>	an isopod	-	INV	G4G5	S2
<i>Ligumia recta</i>	black sandshell	-	INV	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	S3
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Ptychobranhus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	G3G4T3	S2
<i>Rimulincola divalis</i>	a beetle	-	INV	G1	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>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<i>Xolotrema occidentale</i>	Arkansas wedge	-	INV	G1	SNR
<b>Animals-Vertebrates</b>					
<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 autumnale</i>	autumn darter	-	INV	GNR	S2
<i>Etheostoma moorei</i>	yellowcheek darter	LE	SE	G1	S1
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Eurycea tynerensis</i>	Oklahoma salamander	-	INV	G3	S3
<i>Geomys bursarius ozarkensis</i>	Ozark pocket gopher	-	INV	G5T1T3	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Lampetra aepyptera</i>	least brook lamprey	-	INV	G5	S2?

Stone County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Lethenteron appendix</i>	American brook lamprey	-	INV	G4	S2?
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Percina phoxocephala</i>	slenderhead darter	-	INV	G5	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon serratus</i>	southern 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	G4	S1

**Plants-Vascular**

<i>Anemone acutiloba</i>	sharp-lobe hepatica	-	INV	G5	S1S2
<i>Anemone quinquefolia</i> var. <i>quinquefolia</i>	wood anemone	-	INV	G5T4T5	S2
<i>Brickellia grandiflora</i>	tassel-flower	-	INV	G5	S2
<i>Bromus nottowanus</i>	satin brome	-	INV	G3G5	S2
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex hirtifolia</i>	hairy sedge	-	INV	G5	S3
<i>Carex laevivaginata</i>	smooth-sheath sedge	-	INV	G5	S2
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Carex timida</i>	timid sedge	-	INV	G2G4	S2S3
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Coreopsis grandiflora</i> var. <i>saxicola</i>	large-flower tickseed	-	INV	G5T4?	S3
<i>Cypripedium reginae</i>	showy lady's-slipper	-	SE	G4	S1
<i>Delphinium treleasei</i>	Trelease's larkspur	-	INV	G3	S3
<i>Dennstaedtia punctilobula</i>	hay-scented fern	-	INV	G5	S2
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dryopteris carthusiana</i>	spinulose wood fern	-	ST	G5	S1
<i>Echinacea paradoxa</i> var. <i>paradoxa</i>	yellow coneflower	-	ST	G2T2	S2
<i>Elymus riparius</i>	river-bank wild rye	-	INV	G5	S1S2
<i>Euonymus obovatus</i>	running strawberry-bush	-	INV	G5	S3
<i>Gentiana alba</i>	pale gentian	-	INV	G4	S1
<i>Gillenia trifoliata</i>	Bowman's-root	-	INV	G4G5	S1
<i>Heuchera villosa</i> var. <i>arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Hieracium scabrum</i>	rough hawkweed	-	INV	G5	S2
<i>Humulus lupulus</i> var. <i>pubescens</i>	wild hop	-	INV	G5T4?	S1S2
<i>Juglans cinerea</i>	butternut	-	INV	G4	S3
<i>Lysimachia hybrida</i>	lowland yellow-loosestrife	-	INV	G5	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Mitella diphylla</i>	miterwort	-	INV	G5	S2
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Osmunda claytoniana</i>	interrupted fern	-	ST	G5	S1
<i>Penstemon cobaea</i>	showy beardtongue	-	INV	G4	S3
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Plantago cordata</i>	heart-leaf plantain	-	ST	G4	S2



Stone County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Quercus prinoides</i>	dwarf chinquapin oak	-	INV	G5	SH
<i>Rhynchospora capillacea</i>	capillary beaksedge	-	INV	G4	S2
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Silene regia</i>	royal catchfly	-	ST	G3	S2
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	-	INV	G5	S1S2
<i>Spiranthes lucida</i>	shining ladies'-tresses	-	INV	G5	S2
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Stylophorum diphyllum</i>	celandine-poppy	-	INV	G5	S3
<i>Trichomanes petersii</i>	dwarf bristle fern	-	ST	G4G5	S2
<i>Trillium flexipes</i>	white trillium	-	INV	G5	S1
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Veratrum latifolium</i>	bunchflower	-	INV	G5	SH
<i>Vitis rupestris</i>	sand grape	-	INV	G3	S3
<i>Waldsteinia fragarioides</i>	barren-strawberry	-	INV	G5	S1

**Special Elements-Natural Communities**

Central Interior Highlands Calcareous Glade and Barrens	-	INV	GNR	SNR
Central Interior Highlands Dry Acidic Glade and Barrens	-	INV	GNR	SNR
Ozark-Ouachita Dry-Mesic Oak Forest	-	INV	GNR	SNR
Ozark-Ouachita Fen	-	INV	GNR	SNR
Ozark-Ouachita Mesic Hardwood Forest	-	INV	GNR	SNR
Upland Stream-Ozark Mountains	-	INV	GNR	SNR

**Special Elements-Other**

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

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Cicindela formosa pigmentosignata</i>	big sand tiger beetle	-	INV	G5T5	S2S3
<i>Fallicambarus petilicarpus</i>	a crayfish	-	INV	G1	S1
<i>Pleurobema rubrum</i>	pyramid pigtoe	-	INV	G2G3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<b>Animals-Vertebrates</b>					
<i>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>Crystallaria asprella</i>	crystal darter	-	INV	G3	S2?
<i>Erimyzon sucetta</i>	lake chubsucker	-	INV	G5	S2?
<i>Etheostoma fusiforme</i>	swamp darter	-	INV	G5	S2?
<i>Etheostoma parvipinne</i>	goldstripe darter	-	INV	G4G5	S2
<i>Eurycea quadridigitata</i>	dwarf salamander	-	INV	G5	S3
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Hyla avivoca</i>	bird-voiced treefrog	-	INV	G5	S3
<i>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 hubbsi</i>	bluehead shiner	-	INV	G3	S3
<i>Notropis maculatus</i>	taillight shiner	-	INV	G5	S3
<i>Picoides borealis</i>	Red-cockaded Woodpecker	LE	SE	G3	S2
<i>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Regina rigida sinicola</i>	gulf crayfish snake	-	INV	G5T5	S3
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Setophaga cerulea</i>	Cerulean Warbler	-	INV	G4	S4B
<b>Plants-Vascular</b>					
<i>Alophia drummondii</i>	pinewoods-lily	-	INV	G4	S2
<i>Aristida lanosa</i>	woolly three-awn	-	INV	G5	S2
<i>Asimina parviflora</i>	dwarf pawpaw	-	INV	G5	S2S3
<i>Astragalus soxmaniorum</i>	Soxman's milk-vetch	-	INV	G3	S2
<i>Bolboschoenus robustus</i>	salt-marsh bulrush	-	INV	G5	S1
<i>Bulbostylis ciliatifolia</i> var. <i>coarctata</i>	fringe-leaf hairsedge	-	INV	G5T3T5	S1S2
<i>Carex decomposita</i>	cypress-knee sedge	-	INV	G3G4	S2
<i>Carex glaucescens</i>	southern waxy sedge	-	INV	G4	S1
<i>Carex laevivaginata</i>	smooth-sheath sedge	-	INV	G5	S2
<i>Carex leptalea</i>	bristly-stalk sedge	-	INV	G5	S2S3
<i>Cladium jamaicense</i>	saw-grass	-	INV	G5	SH
<i>Cooperia drummondii</i>	rain-lily	-	INV	G5	S1S2
<i>Crataegus brachyacantha</i>	blueberry hawthorn	-	INV	G4	S2
<i>Cyperus haspan</i>	haspan flatsedge	-	INV	G5	S2
<i>Cyperus 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	S1
<i>Eleocharis flavescens</i> var. <i>flavescens</i>	yellow spike-rush	-	INV	G5T5	S1S2

**Union County (cont.)**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>State Status</b>	<b>Global Rank</b>	<b>State Rank</b>
<i>Eleocharis flavescens</i> var. <i>olivacea</i>	bright-green spike-rush	-	INV	G5T4T5	S1
<i>Eryngium integrifolium</i>	blue-flower eryngo	-	INV	G5	S2
<i>Fuirena bushii</i>	Bush's umbrella sedge	-	INV	G5	S3
<i>Fuirena pumila</i>	dwarf umbrella sedge	-	INV	G4	SH
<i>Fuirena squarrosa</i>	hairy umbrella sedge	-	INV	G4G5	S1
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	-	INV	G5	S2
<i>Hypericum apocynifolium</i>	dogbane St. John's-wort	-	INV	GNR	S1S2
<i>Ipomoea cordatotriloba</i> var. <i>cordatotriloba</i>	tie-vine morning-glory	-	INV	G5T5	S1
<i>Juncus canadensis</i>	Canadian rush	-	INV	G5	S1
<i>Krigia occidentalis</i>	western dwarf-dandelion	-	INV	G5	S3
<i>Ludwigia microcarpa</i>	small-fruit primrose-willow	-	INV	G5	S1
<i>Mitreola sessilifolia</i>	swamp hornpod	-	INV	G4G5	S2
<i>Panicum hemitomon</i>	maiden-cane	-	INV	G5?	S1
<i>Platanthera cristata</i>	crested fringed orchid	-	INV	G5	S1S2
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<i>Polygala nana</i>	candyroot	-	INV	G5	S2S3
<i>Pseudolycopodiella caroliniana</i>	slender bog club-moss	-	INV	G4	S1
<i>Quercus sinuata</i>	Durand's white oak	-	ST	G4G5	S2
<i>Rudbeckia maxima</i>	great coneflower	-	INV	G4?	S3
<i>Schoenoplectus californicus</i>	California bulrush	-	INV	G5	S1S2
<i>Seymeria cassioides</i>	yaupon black-senna	-	INV	G5	S1
<i>Sisyrinchium sagittiferum</i>	spear-bract blue-eyed-grass	-	INV	G4?	SH
<i>Smilax walteri</i>	red-berried greenbrier	-	INV	G5	S2S3
<i>Solidago patula</i> ssp. <i>strictula</i>	swamp goldenrod	-	INV	G5T5	S1S2
<i>Spiranthes lacera</i> var. <i>lacera</i>	northern slender ladies'-tresses	-	INV	G5T5	S1
<i>Spiranthes odorata</i>	fragrant ladies'-tresses	-	INV	G5	S1
<i>Spiranthes praecox</i>	giant ladies'-tresses	-	INV	G5	S1S2
<i>Stylisma aquatica</i>	water dawnflower	-	INV	G4	S1S2
<i>Utricularia inflata</i>	swollen bladderwort	-	INV	G5	S1
<i>Xyris baldwiniana</i>	Baldwin's yellow-eyed-grass	-	ST	G5	S1
<i>Xyris difformis</i> var. <i>difformis</i>	bog yellow-eyed-grass	-	INV	G5T5	S2
<b>Special Elements-Natural Communities</b>					
Cattail Marsh		-	INV	GNR	SNR
Lowland Oak-Hickory Forest		-	INV	GNR	SNR
West Gulf Coastal Plain Seepage Swamp and Baygall		-	INV	GNR	SNR
Willow Oak Forest		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Alasmidonta marginata</i>	elktoe	-	INV	G4	S3
<i>Allocapnia oribata</i>	bowed snowfly	-	INV	G1	S1
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4G5	S2
<i>Crangonyx aka</i>	an amphipod	-	INV	G1	S1?
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Heterosternuta sulphurica</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lampsilis satura</i>	sandbank pocketbook	-	INV	G2	S2
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lampsilis streckeri</i>	speckled pocketbook	LE	SE	G1Q	S1
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Ligumia recta</i>	black sandshell	-	INV	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 cylindrica cylindrica</i>	rabbitsfoot	C	SE	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>Uniomereus tetralasmus</i>	pondhorn	-	INV	G5	S2
<i>Venustaconcha pleasii</i>	bleedingtooth mussel	-	INV	G3G4	S3
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Cyprinella spiloptera</i>	spotfin shiner	-	INV	G5	S1
<i>Empidonax traillii</i>	Willow Flycatcher	-	INV	G5	S1B,S3N
<i>Erimystax harryi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma autumnale</i>	autumn darter	-	INV	GNR	S2
<i>Etheostoma moorei</i>	yellowcheek darter	LE	SE	G1	S1
<i>Haliaeetus leucocephalus</i>	Bald Eagle	-	INV	G5	S2B,S4N
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Pantherophis emoryi</i>	Great Plains 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
<b>Plants-Vascular</b>					
<i>Asplenium pinnatifidum</i>	lobed spleenwort	-	INV	G4	S3
<i>Callirhoe bushii</i>	Bush's poppy-mallow	-	INV	G3	S3
<i>Carex careyana</i>	Carey's sedge	-	INV	G4G5	S3
<i>Carex hirtifolia</i>	hairy sedge	-	INV	G5	S3

Van Buren County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Carex sparganioides</i>	bur-reed sedge	-	INV	G5	S3
<i>Caulophyllum thalictroides</i>	blue cohosh	-	INV	G4G5	S2
<i>Claytonia caroliniana</i>	Carolina spring-beauty	-	INV	G5	SU
<i>Claytonia ozarkensis</i>	Ozark spring-beauty	-	INV	G1G3Q	S2
<i>Cuscuta coryli</i>	hazel dodder	-	INV	G5?	SU
<i>Delphinium newtonianum</i>	Moore's delphinium	-	INV	G3	S3
<i>Diphasiastrum digitatum</i>	southern running-pine	-	INV	G5	S1S2
<i>Dryopteris x leedsii</i>	Leed's wood fern	-	INV	GNA	S1
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eriocaulon koernickianum</i>	small-head pipewort	-	SE	G2	S2
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	-	INV	G5T3Q	S3
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	-	INV	G5	S1S3
<i>Paronychia virginica</i>	yellow nailwort	-	INV	G4	S2
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Scleria muehlenbergii</i>	Muhlenberg's nut-rush	-	INV	G5	S1S2
<i>Silene ovata</i>	ovate-leaf catchfly	-	ST	G3	S3
<i>Solidago 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
<b>Special Elements-Natural Communities</b>					
Upland Stream-Ozark Mountains		-	INV	GNR	SNR
<b>Special Elements-Other</b>					
Geological feature		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Allocapnia jeanae</i>	a winter stonefly	-	INV	G2	S1?
<i>Allocapnia warreni</i>	a winter stonefly	-	INV	GH	SH
<i>Amblyscirtes aesculapius</i>	lace-winged roadside skipper	-	INV	G3G4	S1S3
<i>Amblyscirtes carolina</i>	Carolina roadside skipper	-	INV	G3G4	S1S3
<i>Amblyscirtes linda</i>	Linda's roadside skipper	-	INV	G2G3	S1S3
<i>Apochthonius diabolus</i>	a cave obligate pseudoscorpion	-	INV	G1G2	S1
<i>Caecidotea ancyla</i>	an isopod	-	INV	G3G4	S2
<i>Caecidotea macropropoda</i>	bat cave isopod	-	INV	G2G3	S2
<i>Caecidotea simulator</i>	a cave obligate isopod	-	INV	G2G3	S1
<i>Caecidotea stiladactyla</i>	an isopod	-	INV	G3G4	S3
<i>Calephelis muticum</i>	swamp metalmark	-	INV	G3	S1
<i>Cambarus aculabrum</i>	a crayfish	LE	SE	G1	S1
<i>Cicindela duodecimguttata</i>	twelve-spotted tiger beetle	-	INV	G5	S3S4
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>Cicindela macra</i>	sandy stream tiger beetle	-	INV	G5	S2S3
<i>Cicindela unipunctata</i>	woodland tiger beetle	-	INV	G4G5	S2
<i>Crosbyella roeweri</i>	a cave obligate harvestman	-	INV	G1G2	S1
<i>Dendrocoelopsis americana</i>	a cave obligate planarian	-	INV	G2G3	S1
<i>Gomphus ozarkensis</i>	Ozark clubtail dragonfly	-	INV	G4	S1
<i>Hesperochernes occidentalis</i>	a pseudoscorpion	-	INV	G5	S1
<i>Heterosternuta ouachita</i>	Ouachita diving beetle	-	INV	GNR	S2
<i>Heterosternuta sulphuria</i>	Sulphur Springs diving beetle	-	INV	G1?	S1?
<i>Lampsilis rafinesqueana</i>	Neosho mucket	C	SE	G2	S1
<i>Lampsilis siliquoidea</i>	fatmucket	-	INV	G5	S3
<i>Lasmigona costata</i>	flutedshell	-	INV	G5	S3
<i>Lucanus elaphus</i>	giant stag beetle	-	INV	G3G5	S2
<i>Microcreagris ozarkensis</i>	a pseudoscorpion	-	INV	GNR	S1
<i>Nicrophorus americanus</i>	American burying beetle	LE	SE	G2G3	S1
<i>Orconectes meeki brevis</i>	a crayfish	-	INV	G4T3	S2
<i>Orconectes nana</i>	a crayfish	-	INV	G3	S3
<i>Orconectes williamsi</i>	William's crayfish	-	INV	G3	S1
<i>Paduniella nearctica</i>	nearctic paduniellan caddisfly	-	INV	G1G2	S1?
<i>Poanes yehl</i>	Yehl skipper	-	INV	G4	S1S3
<i>Problema byssus</i>	byssus skipper	-	INV	G3G4	S1
<i>Pseudosinella dubia</i>	a springtail	-	INV	G1G2	SNR
<i>Pseudosinella testa</i>	Shelled Cave Springtail	-	INV	G2G3	SNR
<i>Ptychobranthus occidentalis</i>	Ouachita kidneyshell	-	INV	G3G4	S3
<i>Pygmarrhopalites clarus</i>	a springtail	-	INV	G4	S1S2
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	G3G4T3	S2
<i>Rhadine ozarkensis</i>	a ground beetle	-	INV	GH	SH
<i>Rimulincola divalis</i>	a beetle	-	INV	G1	S1
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<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

Washington County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Trigenotyla parca</i>	a cave obligate millipede	-	INV	G1G2	S1
<i>Venustaconcha ellipsiformis</i>	ellipse	-	INV	G4	S1
<i>Villosa iris</i>	rainbow	-	INV	G5Q	S2S3
<i>Villosa lienosa</i>	little spectaclecase	-	INV	G5	S3
<b>Animals-Vertebrates</b>					
<i>Amblyopsis rosae</i>	Ozark cavefish	LT	SE	G3	S1
<i>Ambystoma annulatum</i>	ringed salamander	-	INV	G4	S3
<i>Ambystoma tigrinum tigrinum</i>	eastern tiger salamander	-	INV	G5T5	S3
<i>Ammodramus henslowii</i>	Henslow's Sparrow	-	INV	G4	S1B,S2N
<i>Asio flammeus</i>	Short-eared Owl	-	INV	G5	S3N
<i>Cemophora coccinea copei</i>	northern scarlet snake	-	INV	G5T5	S3
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	LE	SE	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>Erimystax harrisi</i>	Ozark chub	-	INV	G3G4Q	S3S4
<i>Etheostoma autumnale</i>	autumn darter	-	INV	GNR	S2
<i>Etheostoma cragini</i>	Arkansas darter	C	SE	G3G4	S1
<i>Etheostoma microperca</i>	least darter	-	INV	G5	S1
<i>Etheostoma mihileze</i>	sunburst darter	-	INV	GNR	S3
<i>Eurycea spelaea</i>	grotto salamander	-	INV	G4	S3
<i>Eurycea tynerensis</i>	Oklahoma salamander	-	INV	G3	S3
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	-	INV	G4	S3B
<i>Lithobates sylvaticus</i>	wood frog	-	INV	G5	S3
<i>Moxostoma pisolabrum</i>	pealip redhorse	-	INV	G5	S2?
<i>Myotis grisescens</i>	gray myotis	LE	SE	G3	S2S3
<i>Myotis sodalis</i>	Indiana bat	LE	SE	G2	S1
<i>Nerodia cyclopion</i>	Mississippi green water snake	-	INV	G5	S3
<i>Nocomis asper</i>	redspot chub	-	INV	G4	S2?
<i>Notiosorex crawfordi</i>	Crawford's gray shrew	-	INV	G5	S2
<i>Notropis ozarcanus</i>	Ozark shiner	-	INV	G3	S2
<i>Ophisaurus attenuatus attenuatus</i>	western slender glass lizard	-	INV	G5T5	S3
<i>Percina nasuta</i>	longnose darter	-	INV	G3	S2
<i>Phrynosoma cornutum</i>	Texas horned lizard	-	INV	G4G5	S2
<i>Plethodon angusticlavius</i>	Ozark zigzag salamander	-	INV	G4	S3
<i>Plethodon serratus</i>	southern 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
<b>Plants-Vascular</b>					
<i>Agalinis auriculata</i>	ear-leaf false foxglove	-	INV	G3	S1
<i>Androsace occidentalis</i>	rock-jasmine	-	INV	G5	S1
<i>Antennaria neglecta</i>	field pussytoes	-	INV	G5	S1
<i>Apocynum androsaemifolium</i>	spreading dogbane	-	INV	G5	SH
<i>Arabis hirsuta var. adpressipilis</i>	hairy rockcress	-	INV	G5T4Q	S1?
<i>Argyrochosma dealbata</i>	powdery cloak fern	-	INV	G4G5	S2

Washington County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Artemisia ludoviciana ssp. mexicana</i>	white sagebrush	-	INV	G5T5?	S1S2
<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>	cluster 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 gravida</i>	heavy sedge	-	INV	G5	S2S3
<i>Carex lupuliformis</i>	false hop sedge	-	INV	G4	S1S2
<i>Carex normalis</i>	spreading oval sedge	-	INV	G5	S1
<i>Carex opaca</i>	opaque prairie sedge	-	SE	G4	S2S3
<i>Carex pellita</i>	woolly sedge	-	INV	G5	S1S2
<i>Carex radiata</i>	eastern star sedge	-	INV	G4	S1
<i>Carex scoparia var. scoparia</i>	pointed broom sedge	-	INV	G5T5	S1S2
<i>Carex stricta</i>	tussock sedge	-	INV	G5	S3
<i>Claytonia ozarkensis</i>	Ozark spring-beauty	-	INV	G1G3Q	S2
<i>Crataegus coccinioides</i>	Kansas hawthorn	-	INV	G4?	SH
<i>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 wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3
<i>Elymus glaucus ssp. mackenzii</i>	Mackenzie's blue wild rye	-	INV	G5TNR	S1
<i>Elymus riparius</i>	river-bank wild rye	-	INV	G5	S1S2
<i>Gentiana puberulenta</i>	downy gentian	-	INV	G4G5	S2
<i>Gillenia trifoliata</i>	Bowman's-root	-	INV	G4G5	S1
<i>Helianthus pauciflorus 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>Humulus lupulus var. pubescens</i>	wild hop	-	INV	G5T4?	S1S2
<i>Koeleria macrantha</i>	prairie June grass	-	INV	G5	S2
<i>Limnodea arkansana</i>	Ozark grass	-	INV	G4?	SH
<i>Lithospermum incisum</i>	fringed puccoon	-	INV	G5	S2S3
<i>Mentzelia oligosperma</i>	stick-leaf	-	INV	G4	S1
<i>Mimulus floribundus</i>	yellow monkey-flower	-	INV	G5	S2S3
<i>Minuartia drummondii</i>	Drummond's sandwort	-	INV	G5	S2S3
<i>Muhlenbergia glaberrima</i>	inland muhly	-	INV	G4?	S1
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	-	INV	G4	S2
<i>Paspalum boschanum</i>	bull paspalum	-	INV	G5	S1
<i>Perideridia americana</i>	American squaw-root	-	INV	G4	S2
<i>Phlox amplifolia</i>	broad-leaf phlox	-	INV	G3G5	S1
<i>Phlox bifida</i>	sand phlox	-	INV	G5?	S3
<i>Physalis missouriensis</i>	Missouri ground-cherry	-	INV	G5?	SH
<i>Physalis pumila</i>	prairie ground-cherry	-	INV	G5	S1
<i>Physaria filiformis</i>	Missouri bladderpod	LT	INV	G3	S1
<i>Plantago patagonica</i>	woolly plantain	-	INV	G5	S2
<i>Polygala incarnata</i>	pink milkwort	-	INV	G5	S1S2



Washington County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Rhynchospora macrostachya</i>	prairie 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	G3	S3
<i>Valerianella ozarkana</i>	Ozark cornsalad	-	INV	G3	S3
<i>Viola pedatifida</i>	prairie violet	-	INV	G5	S2
<b>Special Elements-Natural Communities</b>					
	Ozark-Ouachita Dry Oak Woodland	-	INV	GNR	SNR
<b>Special Elements-Other</b>					
	Colonial nesting site, water birds	-	INV	GNR	SNR
	Geological feature	-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Allocrenonyx hubrichti</i>	Hubricht's long-tailed amphipod	-	INV	G2G3	S1?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	G2	S2
<i>Obovaria olivaria</i>	hickorynut	-	INV	G4	S3
<i>Pleurobema cordatum</i>	Ohio pigtoe	-	INV	G4	S1
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	C	SE	G3G4T3	S2
<i>Quadrula metanevra</i>	monkeyface	-	INV	G4	S3S4
<i>Toxolasma lividus</i>	purple lilliput	-	INV	G3	S2
<b>Animals-Vertebrates</b>					
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	-	INV	G3G4	S3
<i>Etheostoma autumnale</i>	autumn darter	-	INV	GNR	S2
<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
<b>Plants-Vascular</b>					
<i>Dennstaedtia punctilobula</i>	hay-scented fern	-	INV	G5	S2
<i>Philadelphus hirsutus</i>	hairy mock orange	-	INV	G5	S2S3
<i>Platanthera peramoena</i>	purple fringeless orchid	-	ST	G5	S2
<i>Polygala incarnata</i>	pink milkwort	-	INV	G5	S1S2
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Cyclonaias tuberculata</i>	purple wartyback	-	INV	G5	S3?
<i>Cyprogenia aberti</i>	western fanshell	-	INV	G2G3Q	S2
<i>Lampsilis abrupta</i>	pink mucket	LE	SE	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	SE	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
<b>Animals-Vertebrates</b>					
<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
<b>Plants-Vascular</b>					
<i>Leitneria floridana</i>	corkwood	-	INV	G3	S3
<i>Lindera melissifolia</i>	pondberry	LE	SE	G2G3	S2
<i>Platanthera flava</i>	rein orchid	-	ST	G4?	S2S3
<b>Special Elements-Natural Communities</b>					
Lower Mississippi River Bottomland Depression		-	INV	GNR	SNR
Willow Oak Forest		-	INV	GNR	SNR

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

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<b>Animals-Invertebrates</b>					
<i>Cicindela hirticollis</i>	beach-dune tiger beetle	-	INV	G5	S2S3
<i>Cicindela lepida</i>	little white tiger beetle	-	INV	G3G4	S2S3
<i>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	S3
<i>Rimulincola divalis</i>	a beetle	-	INV	G1	S1
<i>Speyeria diana</i>	Diana	-	INV	G3G4	S2S3
<b>Animals-Vertebrates</b>					
<i>Aimophila ruficeps</i>	Rufous-crowned Sparrow	-	INV	G5	S1
<i>Atractosteus spatula</i>	alligator gar	-	INV	G3G4	S2?
<i>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	SE	G2	SX
<i>Notropis ortenburgeri</i>	Kiamichi shiner	-	INV	G3	S2
<i>Pandion haliaetus</i>	Osprey	-	INV	G5	S1B,S4N
<i>Pantherophis emoryi</i>	Great Plains 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>Polyodon spathula</i>	paddlefish	-	INV	G4	S2?
<i>Pseudacris streckeri</i>	Strecker's chorus frog	-	INV	G5T5	S2
<i>Riparia riparia</i>	Bank Swallow	-	INV	G5	S2B,S3N
<i>Scaphiopus hurterii</i>	Hurter's spadefoot	-	INV	G5	S2
<i>Spea bombifrons</i>	plains spadefoot	-	INV	G5	S1
<i>Sternula antillarum athalassos</i>	Interior Least Tern	LE	SE	G4T2Q	S2B
<b>Plants-Vascular</b>					
<i>Amsonia hubrichtii</i>	Ouachita bluestar	-	INV	G3	S3
<i>Carex gigantea</i>	giant sedge	-	INV	G4	S1S2
<i>Carex latebracteata</i>	Waterfall's sedge	-	ST	G3	S3
<i>Croton lindheimerianus var. lindheimerianus</i>	Lindheimer's croton	-	INV	G5TNR	S1
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	-	INV	G3	S3
<i>Didiplis diandra</i>	water-purslane	-	INV	G5	S1S3
<i>Draba aprica</i>	open-ground whitlow-grass	-	ST	G3	S2
<i>Dryopteris carthusiana</i>	spinulose wood fern	-	ST	G5	S1
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	-	INV	G5TNR	S2S3
<i>Eleocharis wolfii</i>	Wolf's spike-rush	-	INV	G3G4	S3

Yell County (cont.)

Scientific Name	Common Name	Federal Status	State Status	Global Rank	State Rank
<i>Festuca versuta</i>	Texas fescue	-	INV	G3	S1
<i>Gaylussacia baccata</i>	black huckleberry	-	INV	G5	S3
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	-	INV	G4	S3
<i>Heliotropium convolvulaceum</i>	phlox heliotrope	-	INV	G5	S2
<i>Houstonia ouachitana</i>	Ouachita bluet	-	INV	G3	S3
<i>Hydrophyllum brownei</i>	Browne's waterleaf	-	INV	G2	S2
<i>Krigia occidentalis</i>	western dwarf-dandelion	-	INV	G5	S3
<i>Liatris compacta</i>	Ouachita blazing-star	-	INV	G3	S3
<i>Liatris scariosa</i> var. <i>nieuwlandii</i>	northern blazing-star	-	INV	G5?T3T5	S2?
<i>Ptilimnium nodosum</i>	harperella	LE	INV	G2	S2
<i>Sanicula smallii</i>	Small's black-snakeroot	-	INV	G5	S3
<i>Solidago ouachitensis</i>	Ouachita goldenrod	-	INV	G3	S3
<i>Stenanthium gramineum</i>	featherbells	-	INV	G4G5	S3
<i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i>	Arkansas twistflower	-	INV	G3T3	S3
<i>Tradescantia bracteata</i>	long-bract spiderwort	-	INV	G5	S2
<i>Tradescantia longipes</i>	dwarf spiderwort	-	INV	G4	S2
<i>Vernonia lettermannii</i>	Letterman's ironweed	-	INV	G3	S3
<i>Vulpia sciurea</i>	squirrel-tail six-weeks grass	-	INV	G5	S1
<i>Xyris difformis</i> var. <i>difformis</i>	bog yellow-eyed-grass	-	INV	G5T5	S2
<b>Special Elements-Other</b>					
Colonial nesting site, water birds		-	INV	GNR	SNR
Geological feature		-	INV	GNR	SNR