



**The Department of
Arkansas
Heritage**

Mike Beebe
Governor

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Director

Arkansas Arts Council

*

Arkansas Historic
Preservation Program

*

Delta Cultural Center

*

Historic Arkansas Museum

*

Mosaic Templars
Cultural Center

*

Old State House Museum



**Arkansas Natural Heritage
Commission**

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October 30, 2009

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

Dear Mr. Ferguson:

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

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

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

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

Sincerely,

Karen Smith, Director
Arkansas Natural Heritage Commission

enclosure

System of Natural Areas

Arkansas Code Annotated §15-20-303 establishes a state System of Natural Areas. The legislation further empowers the Arkansas Natural Heritage Commission (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.



Hell Creek Natural Area

The following pages describe and account for 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, elements of concern, and ownership/legal interest are also detailed for all natural areas within the System.

The System of Natural Areas section can be cross-referenced in two ways:

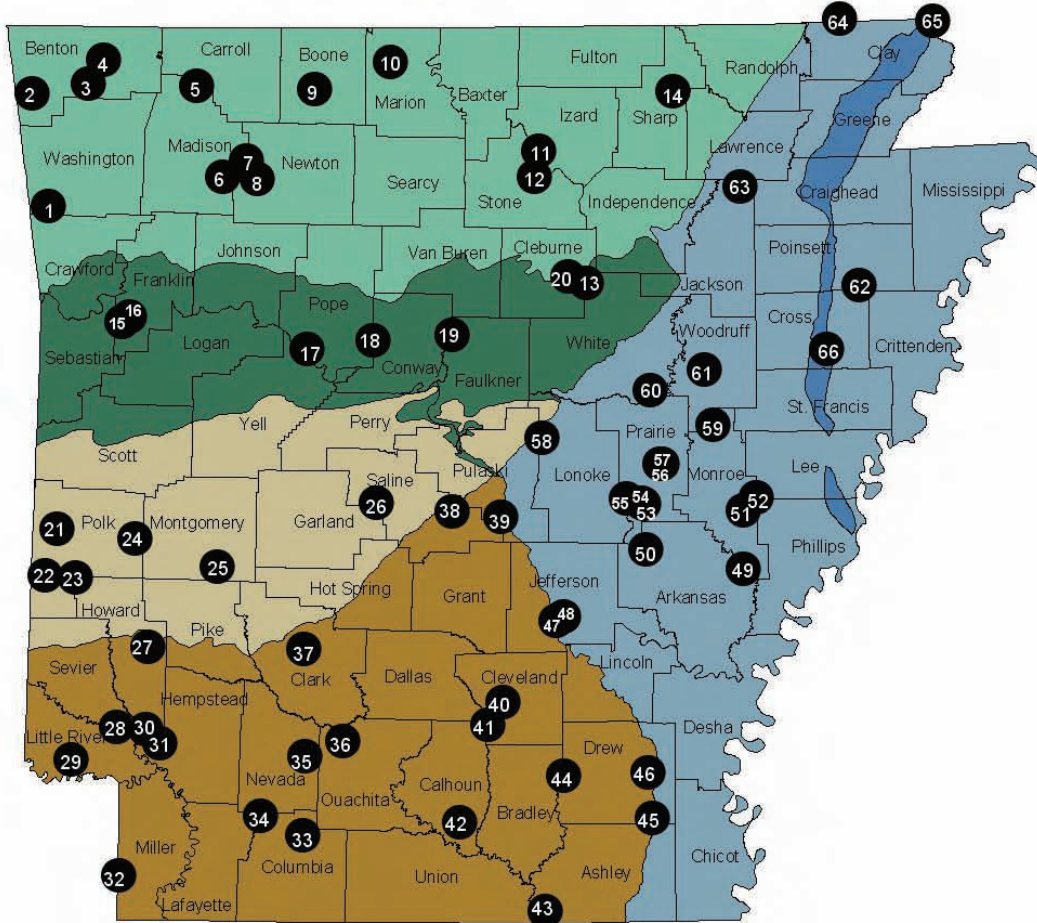
Numerically by location on the state map or Alphabetically by name
(Page iii of this Report) (Page v of this Report)

When visiting a natural area, please remember to leave nothing but footprints and take nothing but photographs. Removal of plants and animals from natural areas is strictly forbidden, with the exception of legally taken game and fish. For information regarding hunting on natural areas, please refer to the Arkansas Game and Fish Commission’s Arkansas Hunting Regulations for 2009/2010. Please limit travel within natural areas to foot traffic only to minimize erosion and disturbance to sensitive habitats. Motorized vehicles, horses, camping, and construction of permanent hunting stands are prohibited on natural areas.

Printed boundary maps and county locator maps of each of the natural areas are available free of charge. Requests for maps will be accepted by phone, fax, mail, or e-mail. Maps are also available for download from the internet (<http://naturalheritage.com/natural-area/map.aspx>) Contact information for the ANHC is as follows:

Arkansas Natural Heritage Commission
1500 Tower Building 323 Center Street Little Rock, AR 72201
Phone: 501.324.9619 Fax: 501.324.9618
e-mail: arkansas@naturalheritage.org
www.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 natural divisions of Arkansas are:

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

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

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

| Map Location # | | Status Page Number |
|---------------------------|--|-------------------------------|
| 1 | Garrett Hollow Natural Area | 1-30 |
| 2 | Chesney Prairie Natural Area | 1-15 |
| 3 | Cave Springs Cave Natural Area | 1-11 |
| 4 | Searles Prairie Natural Area | 1-63 |
| 5 | Bear Hollow Natural Area | 1-5 |
| 6 | Kings River Falls Natural Area | 1-37 |
| 7 | Sweden Creek Falls Natural Area | 1-71 |
| 8 | Pine Hollow Natural Area | 1-54 |
| 9 | Baker Prairie Natural Area | 1-3 |
| 10 | Slippery Hollow Natural Area | 1-66 |
| 11 | Devil's Knob-Devil's Backbone Natural Area | 1-24 |
| 12 | Hell Creek Natural Area | 1-33 |
| 13 | Big Creek Natural Area | 1-7 |
| 14 | Rock Creek Natural Area | 1-59 |
| 15 | Cherokee Prairie Natural Area | 1-13 |
| 16 | H. E. Flanagan Prairie Natural Area | 1-32 |
| 17 | Dardanelle Rock Natural Area | 1-23 |
| 18 | Goose Pond Natural Area | 1-31 |
| 19 | Cove Creek Natural Area | 1-20 |
| 20 | Cow Shoals Riverfront Forest Natural Area | 1-21 |
| 21 | Iron Mountain Natural Area | 1-36 |
| 22 | Fernwood Seep Natural Area | 1-28 |
| 23 | Cossatot River State Park-Natural Area | 1-17 |
| 24 | Big Fork Creek Natural Area | 1-8 |
| 25 | Gap Creek Natural Area | 1-29 |
| 26 | Middle Fork Barrens Natural Area | 1-44 |
| 27 | Stone Road Glade Natural Area | 1-69 |
| 28 | White Cliffs Natural Area | 1-78 |
| 29 | Palmetto Flats Natural Area | 1-51 |
| 30 | Saratoga Blackland Prairie Natural Area | 1-62 |
| 31 | Nacatoch Ravines Natural Area | 1-50 |
| 32 | Miller County Sandhills Natural Area | 1-45 |
| 33 | Logoly Natural Area | 1-41 |
| 34 | Falcon Bottoms Natural Area | 1-26 |
| 35 | Arkansas Oak Natural Area | 1-1 |
| 36 | Poison Springs State Forest Sand Barren & | 1-55 |
| | Oak-Pine Forest Preserve | |
| 37 | Terre Noire Natural Area | 1-74 |
| 38 | Mills Park Natural Area | 1-47 |
| 39 | Lorance Creek Natural Area | 1-42 |
| 40 | Kingsland Prairie Natural Area | 1-38 |
| 41 | Moro Creek Bottoms Natural Area | 1-49 |
| 42 | Moro Big Pine Natural Area-Wildlife | 1-48 |
| | Management Area | |
| 43 | Coffee Prairie Natural Area | 1-16 |
| 44 | Warren Prairie Natural Area | 1-76 |
| 45 | Cut-off Creek Ravines Natural Area | 1-22 |
| 46 | Seven Devils Swamp Natural Area | 1-64 |
| 47 | Byrd Lake Natural Area | 1-9 |
| 48 | Taylor Woodlands Natural Area | 1-73 |
| 49 | Striplin Woods Natural Area | 1-70 |

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

| Map Location # | | Status Page Number |
|---------------------------|--|-------------------------------|
| 50 | Roth Prairie Natural Area | 1-61 |
| 51 | Pine City Natural Area | 1-52 |
| 52 | Louisiana Purchase Natural Area | 1-43 |
| 53 | Konecny Prairie Natural Area | 1-40 |
| 54 | Konecny Grove Natural Area | 1-39 |
| 55 | Smoke Hole Natural Area | 1-67 |
| 56 | Railroad Prairie Natural Area | 1-57 |
| 57 | Downs Prairie Natural Area | 1-25 |
| 58 | Holland Bottoms Willow Oak Forest Preserve. | 1-34 |
| 59 | Benson Creek Natural Area | 1-6 |
| 60 | Holloway Memorial Natural Area | 1-35 |
| 61 | Cache River Natural Area | 1-10 |
| 62 | Singer Forest Natural Area | 1-65 |
| 63 | Swifton Sand Ponds Natural Area | 1-72 |
| 64 | Stateline Sand Ponds Natural Area | 1-68 |
| 65 | Chalk Bluff Natural Area | 1-12 |
| 66 | Wittsburg Natural Area | 1-80 |

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

| Map Location # | | Status Page Number |
|---------------------------|---|-------------------------------|
| 35 | Arkansas Oak Natural Area | 1-1 |
| 9 | Baker Prairie Natural Area | 1-3 |
| 5 | Bear Hollow Natural Area | 1-5 |
| 59 | Benson Creek Natural Area | 1-6 |
| 13 | Big Creek Natural Area | 1-7 |
| 24 | Big Fork Creek Natural Area | 1-8 |
| 47 | Byrd Lake Natural Area | 1-9 |
| 61 | Cache River Natural Area | 1-10 |
| 3 | Cave Springs Cave Natural Area | 1-11 |
| 65 | Chalk Bluff Natural Area | 1-12 |
| 15 | Cherokee Prairie Natural Area | 1-13 |
| 2 | Chesney Prairie Natural Area | 1-15 |
| 43 | Coffee Prairie Natural Area | 1-16 |
| 23 | Cossatot River State Park-Natural Area | 1-17 |
| 19 | Cove Creek Natural Area | 1-20 |
| 20 | Cow Shoals Riverfront Forest Natural Area | 1-21 |
| 45 | Cut-off Creek Ravines Natural Area | 1-22 |
| 17 | Dardanelle Rock Natural Area | 1-23 |
| 11 | Devil's Knob-Devil's Backbone Natural Area | 1-24 |
| 57 | Downs Prairie Natural Area | 1-25 |
| 34 | Falcon Bottoms Natural Area | 1-26 |
| 22 | Fernwood Seep Natural Area | 1-28 |
| 25 | Gap Creek Natural Area | 1-29 |
| 1 | Garrett Hollow Natural Area | 1-30 |
| 18 | Goose Pond Natural Area | 1-31 |
| 16 | H. E. Flanagan Prairie Natural Area | 1-32 |
| 12 | Hell Creek Natural Area | 1-33 |
| 58 | Holland Bottoms Willow Oak Forest Preserve | 1-34 |
| 60 | Holloway Memorial Natural Area | 1-35 |
| 21 | Iron Mountain Natural Area | 1-36 |
| 6 | Kings River Falls Natural Area | 1-37 |
| 40 | Kingsland Prairie Natural Area | 1-38 |
| 54 | Konecny Grove Natural Area | 1-39 |
| 53 | Konecny Prairie Natural Area | 1-40 |
| 33 | Logoly Natural Area | 1-41 |
| 39 | Lorance Creek Natural Area | 1-42 |
| 52 | Louisiana Purchase Natural Area | 1-43 |
| 26 | Middle Fork Barrens Natural Area | 1-44 |
| 32 | Miller County Sandhills Natural Area | 1-45 |
| 38 | Mills Park Natural Area | 1-47 |
| 42 | Moro Big Pine Natural Area-Wildlife Management Area | 1-48 |
| 41 | Moro Creek Bottoms Natural Area | 1-49 |
| 31 | Nacatoch Ravines Natural Area | 1-50 |
| 29 | Palmetto Flats Natural Area | 1-51 |
| 51 | Pine City Natural Area | 1-52 |
| 8 | Pine Hollow Natural Area | 1-54 |
| 36 | Poison Springs State Forest Sand Barren & Oak-Pine Forest Preserve | 1-55 |
| 56 | Railroad Prairie Natural Area | 1-57 |

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

| Map Location # | | Status Page Number |
|---------------------------|---|-------------------------------|
| 14 | Rock Creek Natural Area | 1-59 |
| 50 | Roth Prairie Natural Area | 1-61 |
| 30 | Saratoga Blackland Prairie Natural Area | 1-62 |
| 4 | Searles Prairie Natural Area | 1-63 |
| 46 | Seven Devils Swamp Natural Area | 1-64 |
| 62 | Singer Forest Natural Area | 1-65 |
| 10 | Slippery Hollow Natural Area | 1-66 |
| 55 | Smoke Hole Natural Area | 1-67 |
| 64 | Stateline Sand Ponds Natural Area | 1-68 |
| 27 | Stone Road Glade Natural Area | 1-69 |
| 49 | Striplin Woods Natural Area | 1-70 |
| 7 | Sweden Creek Falls Natural Area | 1-71 |
| 63 | Swifton Sand Ponds Natural Area | 1-72 |
| 48 | Taylor Woodlands Natural Area | 1-73 |
| 37 | Terre Noire Natural Area | 1-74 |
| 44 | Warren Prairie Natural Area | 1-76 |
| 28 | White Cliffs Natural Area | 1-78 |
| 66 | Wittsburg Natural Area | 1-80 |

Arkansas Oak Natural Area

County Name: Nevada

Size (in acres): 200.27

Latitude: 33.65872

Longitude: -93.16964

Description:

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

Access:

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

Management Plan:

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

Stewardship Activities:

ANHC staff installed a new entrance sign, performed routine stewardship activities, inspected for invasive species, and conducted a Quality Circle Day fieldtrip to review management activities. Cooperative management activities were also discussed with AFC staff. TNC also developed a plant community monitoring report and conducted a prescribed burn on 200 acres. A contractor removed beaver and their associated dams. Two collection permits were issued. The Management Plan was updated to reflect current status.

Date of Last Visit: 4/14/2009

Status:

Inventory work documented one new tracked plant species. Beaver impoundments have been removed and the water level is receding. Field assessments noted no problems.

Elements of Special

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

Acquisition Summary:

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

Baker Prairie Natural Area

County Name: Boone

Size (in acres): 30.315

Latitude: 36.24194

Longitude: -93.1358

Description:

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

Access:

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

Management Plan:

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

Stewardship Activities:

A local utility company removed an overhead powerline and associated poles from within the natural area. A contract was issued for vegetation management and other routine stewardship activities such as trash removal. ANHC staff conducted plant inventory. ANHC staff treated invasive species on two acres. A collection permit was also issued.

Date of Last Visit: 6/2/2009

Status:

Overhead power lines were re-routed around the natural area, eliminating impacts from utility maintenance vehicles. Inventory work documented one new tracked plant species. Field assessments noted no problems.

Elements of Special

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|---|---------------------------|------------------------|
| <i>Antennaria neglecta</i> | field pussytoes | Plant |
| <i>Bombus fervidus</i> | golden northern bumblebee | Animal |
| <i>Calopogon oklahomensis</i> | Oklahoma grass-pink | Plant |
| <i>Carex bicknellii</i> | a caric sedge | Plant |
| <i>Carex gravida</i> | a caric sedge | Plant |
| <i>Empidonax traillii</i> | Willow Flycatcher | Animal |
| <i>Erythronium mesochoreum</i> | prairie trout lily | Plant |
| <i>Gentiana puberulenta</i> | downy gentian | Plant |
| <i>Gryllotalpa major</i> | prairie mole cricket | Animal |
| <i>Laphria vorax</i> | a robberfly | Animal |
| <i>Nemastylis nuttallii</i> | Nuttall's pleat-leaf | Plant |
| Ozark Prairie and Woodland | | Natural Community |
| <i>Potentilla arguta</i> | tall cinquefoil | Plant |
| <i>Prenanthes aspera</i> | rough rattlesnake-root | Plant |
| <i>Silene regia</i> | royal catchfly | Plant |
| <i>Symphotrichum sericeum</i> | silky aster | Plant |
| <i>Terrapene ornata ornata</i> | ornate box turtle | Animal |
| <i>Trillium pusillum var. ozarkanum</i> | Ozark least trillium | Plant |
| <i>Viola pedatifida</i> | prairie violet | Plant |
| <i>Zizia aptera</i> | golden Alexanders | Plant |

Acquisition Summary:

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

Bear Hollow Natural Area

County Name: Madison **Size (in acres):** 397.10 **Latitude:** 36.25506 **Longitude:** -93.70447

Description:

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

Access:

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

Management Plan:

The conservation vision is to work in conjunction with the Ozark Natural Science Center and the Arkansas Game and Fish Commission to protect and maintain biological diversity representative of the Ozark Mountains. The Management Plan was updated and approved by the commission on 02/05/2009. It will be updated for Fiscal Year 2013.

Stewardship Activities:

ANHC continued the ongoing cooperative with the ONSC that included parking lot and boundary maintenance, and trash removal. The use of prescribed fire was planned for next year with ONSC staff and TNC. The Management Plan was updated to reflect current status.

Date of Last Visit: 1/12/2009

Status:

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

Elements of Special

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|--|--------------------|------------------------|
| <i>Argyrochosma dealbata</i> | powdery cloak fern | Plant |
| <i>Bromus nottowayanus</i> | satin brome | Plant |
| <i>Carex mesochorea</i> | a caric sedge | Plant |
| <i>Carex sparganioides</i> | a caric sedge | Plant |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | Plant |
| <i>Symphotrichum sericeum</i> | silky aster | Plant |

Acquisition Summary:

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

Benson Creek Natural Area

County Name: Monroe, Woodruff **Size (in acres):** 1,458.79 **Latitude:** 34.93563 **Longitude:** -91.24445

Description:

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

Access:

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

Management Plan:

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

Stewardship Activities:

ANHC staff performed routine grounds maintenance activities such as posting over four miles of boundaries, removing trash, and treating invasive species on four acres of newly acquired tracts. ANHC and TNC staff began a grant funded cane restoration project on portions of the natural area where intensive management is appropriate. ANHC staff also reported goose carcasses that were dumped on the natural area to the USFWS.

Date of Last Visit: 6/19/2009

Status:

A new acquisition provides additional buffer for the bayou. Invasive species have been reduced. Field assessments noticed no problems.

Elements of Special

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|---|--------------------|------------------------|
| <i>Carex davisii</i> | Davis' caric sedge | Plant |
| Lower Mississippi River Bottomland Depression | | Natural Community |

Acquisition Summary:

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

Big Creek Natural Area

County Name: Cleburne **Size (in acres):** 1,507.676 **Latitude:** 35.50611 **Longitude:** -91.84308

Description:

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

Access:

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

Management Plan:

The conservation vision is to protect and maintain a mosaic of aquatic and terrestrial communities and the diversity of species they support, characteristic of an eastern Arkansas Valley stream system. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

Stewardship Activities:

Natural gas exploration and extraction activities on lands adjacent to the north boundary of the natural area were monitored and no adverse impacts were noted. ANHC staff conducted routine grounds and trail maintenance activities that included maintaining the access route and water bars to allow for easier access and control erosion. New interpretive panels and trail signs were developed as part of a cooperative project with AGFC's "Watchable Wildlife" program. ANHC staff also conducted plant community monitoring. A collection permit was issued.

Date of Last Visit: 6/2/2009

Status:

Field assessments noted no adverse impacts from a gas well developed on adjacent property. ATV encroachment is minimal. Interpretive trail signs are fabricated and installation sites marked. Vehicle access was improved.

Elements of Special

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|---|-----------------------|------------------------|
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | Plants |
| Central Interior Highlands & Appalachian Sinkhole & Depression Pond | | Special Elements |
| <i>Deschampsia flexuosa</i> | crinkled hairgrass | Plants |
| <i>Dulichium arundinaceum var. arundinaceum</i> | threeway sedge | Plant |
| <i>Lampsilis streckeri</i> | speckled pocketbook | Animals |
| <i>Lasmigona costata</i> | flutedshell | Animals |
| <i>Mimulus floribundus</i> | yellow monkey flower | Plants |
| <i>Philadelphus hirsutus</i> | mock orange | Plants |
| <i>Podostemum ceratophyllum</i> | riverweed | Plants |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | Animals |
| <i>Silene ovata</i> | ovate-leaved catchfly | Plants |
| <i>Toxolasma lividus</i> | purple lilliput | Animals |
| <i>Villosa iris</i> | rainbow | Animals |

Acquisition Summary:

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

Big Fork Creek Natural Area

County Name: Polk

Size (in acres): 13.58

Latitude: 34.49781

Longitude: -93.97282

Description:

Big Fork Creek Natural Area, located in the Ouachita Mountains, is a small mesophytic tract containing an abundance of wildflowers and ferns, a free-flowing spring, and a small section of Big Fork Creek. The bluff and terrace near the spring support an excellent and very fragile plant community.

Access:

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

Management Plan:

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

Stewardship Activities:

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

Date of Last Visit: 6/9/2009

Status:

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

Elements of Special

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

Acquisition Summary:

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

Byrd Lake Natural Area

County Name: Jefferson

Size (in acres): 144

Latitude: 34.17988

Longitude: -92.00057

Description:

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

Access:

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

Management Plan:

The conservation vision is to protect and restore a mosaic of aquatic and terrestrial communities characteristic of the transition between the Mississippi Alluvial Plain and West Gulf Coastal Plain. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

Stewardship Activities:

ANHC staff conducted grounds maintenance and trail maintenance activities that included cutting back vegetation along the trail and at parking area. ANHC staff also continued intensive invasive plant species control measures on seven acres. Volunteers performed trash removal along the sides of the road. Audubon Arkansas was contracted to develop a volunteer program and invasive species removal.

Date of Last Visit: 6/25/2009

Status:

On-site monitoring documented the continued success of management practices for controlling invasive species. The lake received overflow from Bayou Bartholomew that increased its depth and oxygen concentrations.

Elements of Special

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|-----------------------------|--------------------|------------------------|
| <i>Notropis maculatus</i> | taillight shiner | Animal |
| <i>Pteronotropis hubbsi</i> | bluehead shiner | Animal |

Acquisition Summary:

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

Cache River Natural Area

County Name: Woodruff **Size (in acres):** 937.43 **Latitude:** 35.14961 **Longitude:** -91.28907

Description:

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

Access:

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

Management Plan:

The conservation vision is to work in conjunction with the Arkansas Game and Fish Commission to protect and maintain a river swamp and bottomland hardwood forest representative of those once common in the Mississippi Alluvial Plain. The Management Plan was updated and approved by the commission on 02/05/2009. It will be updated for Fiscal Year 2013.

Stewardship Activities:

ANHC staff conducted routine stewardship activities and AGFC continued daily management of the area. The Management Plan was updated to reflect current status.

Date of Last Visit: 5/18/2009

Status:

Field assessments by AGFC staff noted no problems.

Elements of Special

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

Acquisition Summary:

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

Cave Springs Cave Natural Area

County Name: Benton

Size (in acres): 57.265

Latitude: 36.26262

Longitude: -94.22622

Description:

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

Access:

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

Management Plan:

The conservation vision is to maintain viable populations of target species (Ozark cavefish and gray bats) and, as appropriate, other native plants and animals occurring within the site's natural communities. The Management Plan was updated and approved by the commission on 05/13/2009. It will be updated for Fiscal Year 2013.

Stewardship Activities:

Routine stewardship activities included removing trash and monitoring cave gates for unauthorized access. ANHC staff and TNC staff continued to reduce climbing wintercreeper vines on 10 acres. AGFC staff conducted a survey for gray bats and reported over 5,000 individuals present. ANHC staff monitored the natural area for impacts from adjacent property developments within the secondary recharge zone, and noted no immediate adverse effects. ANHC staff installed a non-improved running 1.12 mile running path for a local running club. The Management Plan was updated to reflect current status. TNC conducted a prescribed burn on eight acres. Staff from ANHC, TNC, AGFC and USWFS conducted an inventory of Ozark cavefish and reported over 145 individuals present.

Date of Last Visit: 5/19/2009

Status:

Invasive plant species continued to be removed by hand to protect Ozark trillium plants. Inventory work noted the Ozark cavefish population is stable. Reforestation efforts on old pasture areas were unsuccessful and will be replanted.

Elements of Special

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|---|----------------------|------------------------|
| <i>Amblyopsis rosae</i> | Ozark cavefish | Animal |
| <i>Caecidotea stiladactyla</i> | an isopod | Animal |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | Plant |
| Cave Stream | | Natural Community |
| <i>Ligidium elrodii</i> | an isopod | Animal |
| <i>Myotis grisescens</i> | gray myotis | Animal |
| <i>Orconectes meeki brevis</i> | a crayfish | Animal |
| <i>Stygobromus ozarkensis</i> | Ozark cave amphipod | Animal |
| <i>Trillium pusillum var. ozarkanum</i> | Ozark least trillium | Plant |

Acquisition Summary:

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

Chalk Bluff Natural Area

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

Description:

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

Access:

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

Management Plan:

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

Stewardship Activities:

ANHC staff performed periodic invasive species control, trash removal, and met with Clay County staff to discuss management of the area. Clay County staff conducted regular maintenance of the area and has assumed trail maintenance responsibilities.

Date of Last Visit: 2/25/2009

Status:

Invasive plant species were reduced. Field assessments noted ice storm damage. Public use facilities were improved by Clay County.

Elements of Special

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|---|--------------------|------------------------|
| Mississippi River Alluvial Plain Dry-Mesic Loess Slope Forest | | Natural Community |

Acquisition Summary:

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

Cherokee Prairie Natural Area

County Name: Franklin

Size (in acres): 584.436

Latitude: 35.33579

Longitude: -94.03882

Description:

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

Access:

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

Management Plan:

The conservation vision is to restore and protect biological diversity representative of tallgrass prairies of the western Arkansas River Valley by maintaining natural ecosystem processes. The Management Plan was updated and approved by the Commission on 10/25/07. It will be updated for Fiscal Year 2011.

Stewardship Activities:

Routine stewardship activities included installing a new entrance sign, treating invasive species on three acres, removing roadside trash, and maintaining the parking area. Staff also conducted a plant inventory, plant community monitoring, and rare plant surveys. Two collection permits were issued.

Date of Last Visit: 5/14/2009

Status:

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

Elements of Special

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|--------------------------------------|---------------------------|------------------------|
| <i>Ammodramus henslowii</i> | Henslow's Sparrow | Animal |
| <i>Antennaria neglecta</i> | field pussytoes | Plant |
| Arkansas Valley Prairie and Woodland | | Natural Community |
| <i>Atrytone arogos</i> | arogos skipper | Animal |
| <i>Bombus fervidus</i> | golden northern bumblebee | Animal |
| <i>Calopogon oklahomensis</i> | Oklahoma grass-pink | Plant |
| <i>Carex opaca</i> | a caric sedge | Plant |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | Plant |
| <i>Erythronium mesochoreum</i> | prairie trout lily | Plant |
| <i>Gentiana puberulenta</i> | downy gentian | Plant |
| <i>Gryllotalpa major</i> | prairie mole cricket | Animal |
| <i>Gymnopogon brevifolius</i> | shortleaf skeletongrass | Plant |
| <i>Laphria vorax</i> | a robberfly | Animal |
| <i>Lithospermum incisum</i> | fringed puccoon | Plant |
| <i>Nicrophorus americanus</i> | American burying beetle | Animal |
| <i>Prenanthes aspera</i> | rough rattlesnake-root | Plant |
| <i>Rhynchospora macrostachya</i> | a beakrush | Plant |
| <i>Rosa foliolosa</i> | white prairie rose | Plant |
| <i>Scleria muehlenbergii</i> | Muhlenberg's nutsedge | Plant |
| <i>Terrapene ornata ornata</i> | ornate box turtle | Animal |

Acquisition Summary:

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

Chesney Prairie Natural Area

County Name: Benton

Size (in acres): 82.54

Latitude: 36.21865

Longitude: -94.4822

Description:

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

Access:

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

Management Plan:

The conservation vision is to restore and protect the biological diversity representative of tallgrass prairies and savannas on the Springfield Plateau of the western Ozark Mountains. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

Stewardship Activities:

ANHC staff installed a new entrance sign and memorial plaque recognizing the Couch family. A contracted land steward lead field trips and species surveys, maintained fences, mapped and monitored plant community transects, assisted with the restoration of cropland, and aggressively treated invasive species. ANHC staff performed routine stewardship activities and monitored the recent prairie restoration. A contractor removed invasive cherry trees from parts of the boundary. TNC developed a plant community monitoring report and ANHC staff conducted plant. A collection permit was also issued.

Date of Last Visit: 6/2/2009

Status:

Inventory work documented one new tracked plant species. Public use and media attention continued. Old field areas were prepared for restoration. Populations of native plant species have increased in response to habitat management practices.

Elements of Special

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|-------------------------------------|--------------------------|------------------------|
| <i>Amorpha canescens</i> | leadplant | Plant |
| <i>Antennaria neglecta</i> | field pussytoes | Plant |
| <i>Calopogon oklahomensis</i> | Oklahoma grass-pink | Plant |
| <i>Carex conjuncta</i> | a caric sedge | Plant |
| <i>Carex davisii</i> | Davis' caric sedge | Plant |
| <i>Carex opaca</i> | a caric sedge | Plant |
| <i>Carex pellita</i> | a caric sedge | Plant |
| <i>Carex scoparia var. scoparia</i> | a caric sedge | Plant |
| <i>Cistothorus platensis</i> | Sedge Wren | Animal |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | Plant |
| <i>Gentiana puberulenta</i> | downy gentian | Plant |
| <i>Gryllotalpa major</i> | prairie mole cricket | Animal |
| <i>Nemastylis nuttallii</i> | Nuttall's pleat-leaf | Plant |
| Ozark Prairie and Woodland | | Natural Community |
| <i>Scleria muehlenbergii</i> | Muhlenberg's nutsedge | Plant |
| <i>Solidago ptarmicoides</i> | white-flowered goldenrod | Plant |

Acquisition Summary:

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

Coffee Prairie Natural Area

County Name: Ashley

Size (in acres): 56

Latitude: 33.05652

Longitude: -92.06584

Description:

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

Access:

From the intersection of U.S. Highway 82 and State Highway 169 in western Crossett, take U.S. Highway 82 west approximately 3.8 miles and then turn left (south) on Ramsour Road. Take Ramsour Road 2.2 miles and turn right (south) on Walls Trail and travel 1.4 miles to Cremer Trail. Turn right (west) and go 0.5 mile on Cremer Trail, and then turn left (south) on Loop Road. Travel 2.5 miles to Missouri Pacific Railroad Tram Road. Turn left (southeast) onto Missouri Pacific Railroad Tram Road and travel 1.1 miles to the natural area road. The natural area road is on the right (south) side, just past an open, flooded area that is on the left (north) side of the Tram Road.

Management Plan:

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

Stewardship Activities:

ANHC conducted stewardship activities such as boundary maintenance. TNC was contracted to develop a prescribed burn prescription for the area. AGFC staff conducted reported very high water levels (over 10 feet) on the prairie for most of the year. Three collection permits were issued.

Date of Last Visit: 6/30/2009

Status:

The area flooded deeper and for a longer duration than normal. ANHC field staff noted no problems.

Elements of Special

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

Acquisition Summary:

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

Cossatot River State Park-Natural Area

County Name: Howard, Polk

Size (in acres): 4,470.20

Latitude: 34.37438

Longitude: -94.23652

Description:

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

Access:

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

Management Plan:

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

Stewardship Activities:

ASP staff conducted routine stewardship activities, such as campsite installation, trash removal and trail maintenance. Three collection permits were issued.

Date of Last Visit: 5/4/2009

Status:

Inventory work documented one new tracked plant species. Construction was completed on additional park facilities.

Elements of Special

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|--|--------------------------|------------------------|
| <i>Acer saccharum var. leucoderme</i> | chalk maple | Plant |
| <i>Amorpha ouachitensis</i> | Ouachita indigo bush | Plant |
| <i>Astragalus crassicaarpus var. crassicaarpus</i> | a ground plum | Plant |
| <i>Calamovilfa arcuata</i> | Cumberland sandreed | Plant |
| <i>Cardamine angustata</i> | slender toothwort | Plant |
| <i>Carex gracilescens</i> | a caric sedge | Plant |
| <i>Carex latebracteata</i> | Waterfall's sedge | Plant |
| <i>Carex stricta</i> | tussock sedge | Plant |
| <i>Carex timida</i> | a caric sedge | Plant |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | Plant |
| <i>Deschampsia flexuosa</i> | crinkled hairgrass | Plant |
| <i>Erythronium mesochoreum</i> | prairie trout lily | Plant |
| <i>Euphorbia tetrapora</i> | weak spurge | Plant |
| <i>Gomphus ozarkensis</i> | Ozark Clubtail Dragonfly | Animal |
| <i>Gratiola brevifolia</i> | sticky hedge-hyssop | Plant |
| <i>Hedyotis ouachitana</i> | Ouachita bluets | Plant |
| <i>Hydrophyllum brownei</i> | Browne's waterleaf | Plant |
| <i>Ilex decidua var. longipes</i> | Georgia holly | Plant |
| <i>Liatris compacta</i> | Ouachita blazing star | Plant |
| <i>Lucanus elephus</i> | giant stag beetle | Animal |
| <i>Luzula acuminata var. caroliniae</i> | hairy wood rush | Plant |
| <i>Lythrurus snelsoni</i> | Ouachita shiner | Animal |

| <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>Podostemum ceratophyllum</i> | riverweed | Plant |
| <i>Sanicula smallii</i> | black snakeroot | Plant |
| <i>Stachys iltisii</i> | hedgenettle | Plant |
| <i>Streptanthus maculatus ssp. obtusifolius</i> | Arkansas twistflower | Plant |
| <i>Streptanthus squamiformis</i> | a twistflower | Plant |
| <i>Valerianella palmeri</i> | Palmer's cornsalad | Plant |
| <i>Vernonia lettermannii</i> | Letterman's ironweed | Plant |
| <i>Xyris difformis var. difformis</i> | a yellow-eyed grass | Plant |

Acquisition Summary:

| Tract Name | Legal Interest | Appraised Value | Purchase Price | Date Acquired | Funding Source |
|-------------------------|--|------------------------|-----------------------|----------------------|--|
| Cossatot River 1 (TNC) | Conservation easement (fee title transferred to ASP in 2005) | \$645,639.00 | \$641,600.00 | 1/13/1989 | Natural and Cultural Resources Council |
| Cossatot River 2 (TNC) | Conservation easement (fee title transferred to ASP in 2005) | \$260,756.00 | \$250,000.00 | 1/25/1989 | Natural and Cultural Resources Council |
| Cossatot River 3 (TNC) | Conservation easement (fee title transferred to ASP in 2005) | \$235,416.02 | \$250,000.00 | 3/22/1989 | Natural and Cultural Resources Council |
| Cossatot River 4 (TNC) | Conservation easement (fee title transferred to ASP in 2005) | \$254,701.46 | \$250,000.00 | 6/26/1989 | Natural and Cultural Resources Council |
| Cossatot River 5 (TNC) | Conservation easement (fee title transferred to ASP in 2005) | \$249,147.00 | \$250,000.00 | 11/2/1989 | Natural and Cultural Resources Council |
| Cossatot River 6 (TNC) | Conservation easement (fee title transferred to ASP in 2005) | \$258,077.00 | \$250,000.00 | 12/21/1989 | Natural and Cultural Resources Council |
| Cossatot River 7 (TNC) | Conservation easement (fee title transferred to ASP in 2005) | \$251,379.50 | \$250,000.00 | 4/3/1990 | Natural and Cultural Resources Council |
| Cossatot River 8 (TNC) | Conservation easement (fee title transferred to ASP in 2005) | \$250,129.00 | \$250,000.00 | 6/26/1990 | Natural and Cultural Resources Council |
| Cossatot River 9 (TNC) | Conservation easement (fee title transferred to ASP in 2005) | \$258,970.00 | \$250,000.00 | 10/24/1990 | Natural and Cultural Resources Council |
| Cossatot River 10 (TNC) | Conservation easement (fee title transferred to ASP in 2005) | \$250,040.00 | \$250,000.00 | 1/18/1991 | Natural and Cultural Resources Council |

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

Cove Creek Natural Area

County Name: Faulkner

Size (in acres): 228

Latitude: 35.2886

Longitude: -92.4842

Description:

Cove Creek Natural Area, located in the Arkansas River Valley, contains almost a mile of the course of Cove Creek near its confluence with Cadron Creek. At this point the meandering stream cuts deeply through a ridge of sandstone, creating a spectacular gorge. A small area of creek bottom forest borders the watercourse at the lower end of the tract. An extensive cedar glade covers about 100-acres on the west side of the creek above the bluffs.

Access:

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

Management Plan:

The conservation vision is to protect and maintain a mosaic of aquatic and terrestrial communities characteristic of the Arkansas River Valley. The Management Plan was updated and approved by the commission on 05/13/2009. It will be updated for Fiscal Year 2013.

Stewardship Activities:

ANHC staff conducted routine stewardship activities and along with staff from Conway County Judge Jimmy Hart, installed a public access road to the natural area which ends a long standing public access issue here. The Ecological Conservation Organization (ECO) was contracted to install a one-quarter mile of fencing along the access road. ANHC staff and an adjacent landowner also monitored clearing of adjacent lands and noted no adverse impacts to the natural area. Plant community monitoring was conducted. The Management Plan was updated to reflect current status.

Date of Last Visit: 6/30/2009

Status:

Public access was restored. Field assessments noted minor wind storm damage.

Elements of Special

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|---|---------------------------|------------------------|
| Central Interior Highlands Dry Acidic Glade and Barrens | | Natural Community |
| <i>Claytonia ozarkensis</i> | Ozark spring beauty | Plant |
| <i>Draba aprica</i> | open-ground whitlow-grass | Plant |
| <i>Heuchera villosa var. arkansana</i> | Arkansas alumroot | Plant |
| <i>Podostemum ceratophyllum</i> | riverweed | Plant |
| <i>Potentilla arguta</i> | tall cinquefoil | Plant |

Acquisition Summary:

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

Cow Shoals Riverfront Forest Natural Area

County Name: Cleburne **Size (in acres):** 63.27 **Latitude:** 35.51471 **Longitude:** -91.9304

Description:

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

Access:

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

Management Plan:

The conservation vision is to work in conjunction with the Arkansas Game and Fish Commission to maintain a high quality successional riverfront forest representative of the Little Red River basin. The Management Plan was updated and approved by the commission on 09/17/2008. It will be updated for Fiscal Year 2013.

Stewardship Activities:

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

Date of Last Visit: 4/13/2009

Status:

Active public use continues. The area flooded deeper and for a longer duration than normal. Field assessments noted no problems.

Elements of Special

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

Acquisition Summary:

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

Cut-off Creek Ravines Natural Area

County Name: Drew **Size (in acres):** 377 **Latitude:** 33.41055 **Longitude:** -91.56587

Description:

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

Access:

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

Management Plan:

The conservation vision is to work in conjunction with the Arkansas Game and Fish Commission to maintain the biological diversity of various forest types characteristic of the West Gulf Coastal Plain and the transition zone to Mississippi Alluvial Plain. The Management Plan was updated and approved by the commission on 02/05/2009. It will be updated for Fiscal Year 2013.

Stewardship Activities:

ANHC staff removed trash and AGFC continued routine grounds maintenance on the area and reported no problems. The Management Plan was updated to reflect current status.

Date of Last Visit: 6/2/2009

Status:

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

Elements of Special

| <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:

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

Dardanelle Rock Natural Area

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

Description:

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

Access:

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

Management Plan:

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

Stewardship Activities:

ANHC staff monitored the area for public use and conducted routine grounds maintenance activities, reporting an increase in rock climbing activities. ANHC staff also conducted plant inventory and a collection permit was issued.

Date of Last Visit: 6/5/2009

Status:

Active public use continues. Regular site visits reduced litter but found continued graffiti problems and noted an increase in rock climbing activities.

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|---------------------------|--------------------|------------------------|
| <i>Geological feature</i> | | other |

Acquisition Summary:

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

Devil's Knob-Devil's Backbone Natural Area

County Name: Izard

Size (in acres): 773.09

Latitude: 36.00379

Longitude: -92.04608

Description:

Located in the Ozark Mountains, the Devil's Knob site is a limestone-dolomite-sandstone glade occurring about ten miles southwest of Melbourne. Local topography consists of an uplift mountain with two knolls joined by a saddle known as Devil's Backbone. The vegetation of the natural area is generally of two types: upland hardwood and a cedar glade restricted to limestone-dolomite outcrops. Two uncommon plant species occur around the glade, Ashe's juniper and silky aster. Many of the Ashe's juniper are very old, the largest measuring 30 inches or more in diameter.

Access:

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

Management Plan:

The conservation vision is to protect and maintain the biological diversity of glade openings and upland hardwood forests characteristic of the Ozark Mountains. The Management Plan was updated and approved by the commission on 05/13/2009. It will be updated for Fiscal Year 2013.

Stewardship Activities:

ANHC staff removed permanent deer stands, trash, and fire rings, surveyed the area for ice storm damage, and monitored a new road installed along the northern boundary for possible impacts to the natural area. Monitoring also continued for ATV access and cattle encroachment. ANHC staff and a contractor repaired a fence after ice storm damage to prevent cattle from accessing the natural area. TNC developed a plant community monitoring report. ANHC and TNC staff met with vendors to plan the removal of invasive red cedars from the new acquisition area. The Management Plan was updated to reflect current status.

Date of Last Visit: 5/18/2009

Status:

Cattle encroachment has been eliminated. Inventory work documented one new tracked plant species. A new acquisition protects additional glade habitat. Field assessments noted small ice storm damage but no other problems.

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|---|-------------------------|------------------------|
| <i>Asplenium pinnatifidum</i> | lobed spleenwort | Plant |
| <i>Brickellia grandiflora</i> | tassel flower | Plant |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | Plant |
| Central Interior Highlands Calcareous Glade and Barrens | | Natural Community |
| Central Interior Highlands Dry Acidic Glade and Barrens | | Natural Community |
| <i>Coreopsis grandiflora var. saxicola</i> | large-flowered tickseed | Plant |
| <i>Leavenworthia uniflora</i> | glade cress | Plant |
| <i>Penstemon cobaea</i> | showy beard-tongue | Plant |
| <i>Symphotrichum sericeum</i> | silky aster | Plant |

Acquisition Summary:

| <u>Tract Name</u> | <u>Legal Interest</u> | <u>Appraised Value</u> | <u>Purchase Price</u> | <u>Date Acquired</u> | <u>Funding Source</u> |
|-------------------|-----------------------|------------------------|-----------------------|----------------------|--|
| Devil's Knob 1 | Fee title | \$94,827.10 | \$80,600.00 | 12/10/1976 | State General Improvement Fund |
| Devil's Knob 2 | Fee title | \$20,000.00 | \$20,000.00 | 1/23/2006 | Natural and Cultural Resources Council |
| Devil's Knob 3 | Fee title | \$360,000.00 | \$356,300.00 | 3/17/2009 | Natural and Cultural Resources Council |

Downs Prairie Natural Area

County Name: Prairie

Size (in acres): 24

Latitude: 34.78149

Longitude: -91.49598

Description:

Down's Prairie Natural Area is one of the few remnants of tallgrass prairie left on the Grand Prairie of eastern Arkansas (Mississippi Alluvial Plain). The natural area contains a diverse assemblage of wildflowers including Indian paintbrush, narrow-leaved sunflower, and white wild indigo. The area also hosts several plant species that were probably once more common across this part of the state, such as prairie evening primrose. Downs Prairie supports the largest documented remaining population of prairie mole crickets in the Grand Prairie. Prior to settlement, approximately 320,000 acres of tallgrass prairie occurred across the Grand Prairie region. Today, less than 1% of those prairies remain.

Access:

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

Management Plan:

The conservation vision is to maintain the ecological characteristics associated with a tallgrass prairie remnant in the Grand Prairie of eastern Arkansas. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

Stewardship Activities:

ANHC staff conducted routine grounds maintenance, invasive plant species control, plant inventory and rare plant monitoring. ANHC staff also conducted a prescribed burn on 17 acres and held a Quality Circle Day to remove over 1.19 tons of trash. The restoration area was planted with a cover crop to alleviate erosion. The Native Plant Society conducted a field trip and UAPB was contracted to bush hog invasive woody stems. Three collection permits were issued.

Date of Last Visit: 6/25/2009

Status:

Restoration efforts continue on the abandoned railroad right-of-way. A 1.19 ton trash dump was removed. Field assessments noted no problems.

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|--|--------------------------|------------------------|
| <i>Asclepias obovata</i> | savannah milkweed | Plant |
| <i>Calopogon oklahomensis</i> | Oklahoma grass-pink | Plant |
| <i>Carex opaca</i> | a caric sedge | Plant |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | Plant |
| <i>Gryllotalpa major</i> | prairie mole cricket | Animal |
| <i>Gymnopogon brevifolius</i> | shortleaf skeletongrass | Plant |
| Lower Mississippi Alluvial Plain Grand Prairie | | Natural Community |
| <i>Oenothera pilosella ssp. sessilis</i> | prairie evening primrose | Plant |
| <i>Solidago juncea</i> | early goldenrod | Plant |
| <i>Tetraopes quinque maculatus</i> | a red milkweed beetle | Animal |

Acquisition Summary:

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

Falcon Bottoms Natural Area

County Name: Columbia, Lafayette, Nevada **Size (in acres):** 3,050.815 **Latitude:** 33.44522 **Longitude:** -93.36312

Description:

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

Access:

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

Management Plan:

The conservation vision is to work to maintain the integrity of Bayou Dorcheat as an intact watershed in the West Gulf Coastal Plain and to protect the associated diverse natural communities. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

Stewardship Activities:

ANHC staff conducted grounds maintenance, removed trash, and inspected the area for beetles. ANHC and TNC staff also inspected potential land acquisition targets. An on site contractor removed beaver, breeched the associated dams, and removed over 150 feral hogs from the natural area. The contractor also removed deer stands, blocked unauthorized vehicle activity and worked with AGFC to address poaching on the area. A collection permit was issued.

Date of Last Visit: 2/24/2009

Status:

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

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|--|---------------------------|------------------------|
| Colonial nesting site, water birds | | other |
| Cypress-tupelo swamp | | Natural Community |
| <i>Hexalectris spicata</i> var. <i>spicata</i> | crested coralroot | Plant |
| <i>Hypoxis curtissii</i> | Curtis' stargrass | Plant |
| <i>Platanthera flava</i> var. <i>flava</i> | southern tubercled-orchid | Plant |
| <i>Sebastiania fruticosa</i> | Sebastian-bush | Plant |
| Willow oak forest | | Natural Community |

Acquisition Summary:

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

| Tract Name | Legal Interest | Appraised Value | Purchase Price | Date Acquired | Funding Source |
|-------------------------------------|---|------------------------|-----------------------|----------------------|---|
| Falcon 5 (Deltic) | Fee title | \$124,135.00 | \$124,000.00 | 9/20/1993 | Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant |
| Falcon 6 (International Paper Co.) | Fee title | \$302,700.00 | \$302,700.00 | 9/20/1993 | Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant |
| Falcon 7 (Sullivan) | Fee title | \$46,000.00 | \$40,000.00 | 5/16/2000 | Natural and Cultural Resources Council |
| Falcon 8 (Alexander) | Fee title | \$105,850.00 | \$105,850.00 | 9/6/2001 | Natural and Cultural Resources Council |
| Falcon 9 (Bradley) | Fee title | \$76,580.82 | \$75,000.00 | 9/5/2001 | Natural and Cultural Resources Council |
| Falcon 10 (McDougal) | Fee title | \$116,000.00 | \$106,000.00 | 9/6/2001 | Natural and Cultural Resources Council |
| Falcon 11 (International Paper Co.) | Fee title | \$308,000.00 | \$308,000.00 | 9/24/2001 | Natural and Cultural Resources Council, Willamette Settlement Fund |
| Falcon 12 (International Paper Co.) | Fee title | \$150,000.00 | \$150,000.00 | 7/2/2002 | Willamette Settlement Fund |
| Falcon 13 (Anthony Forest Products) | Fee title | \$495,000.00 | \$494,000.00 | 5/2/2002 | Willamette Settlement Fund, Federal Fund Balances, and U.S. Fish and Wildlife Service Grant |
| Falcon 14 (LTB) | Fee title | \$123,000.00 | \$123,000.00 | 9/4/2003 | Willamette Settlement Fund, U.S. Fish and Wildlife Service Grant |
| Falcon 15 (Plum Creek) | Fee title | \$210,000.00 | \$210,000.00 | 6/20/2005 | Natural and Cultural Resources Council, Willamette Settlement Fund |
| Falcon 16 (LA Minerals) | Fee title | \$157,000.00 | \$157,000.00 | 7/28/2005 | Willamette Settlement Fund |
| Falcon 17 (Rives) | Fee title | \$40,000.00 | \$40,000.00 | 7/28/2005 | Willamette Settlement Fund |
| Falcon 18 (Speer) | Conservation easement (private landowner holds fee title) | \$109,600.00 | \$109,600.00 | 4/26/2006 | Willamette Settlement Fund. |
| Falcon 19 (IP) | Fee title | \$270,000.00 | \$270,000.00 | 10/23/2006 | Willamette Settlement Fund, Natural and Cultural Resources Council |
| Falcon 20 (Deltic) | Fee title | \$260,000.00 | \$257,800.00 | 7/3/2007 | Willamette Settlement Fund, Natural and Cultural Resources Council |
| Falcon 21 (Anthony) | Fee title | \$53,000.00 | \$52,292.64 | 12/19/2008 | Natural and Cultural Resources Council |
| Falcon 22 (Plum Creek) | Fee title | \$211,000.00 | \$203,775.00 | 6/17/2009 | Natural and Cultural Resources Council |
| Falcon 23 (Deltic) | Fee title | \$179,000.00 | \$178,240.00 | 7/31/2009 | Natural and Cultural Resources Council |

Fernwood Seep Natural Area

County Name: Polk

Size (in acres): 9.59

Latitude: 34.34962

Longitude: -94.3881

Description:

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

Access:

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

Management Plan:

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

Stewardship Activities:

ANHC staff performed grounds maintenance activities such as boundary maintenance and removal of roadside trash. ANHC staff also inspected the area for tornado damage and found none. A collection permit was issued. The Management Plan was updated to reflect current status.

Date of Last Visit: 4/13/2009

Status:

Field assessments noted no problems.

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|-------------------------------|----------------------|------------------------|
| <i>Hemidactylium scutatum</i> | four-toed salamander | Animal |

Acquisition Summary:

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

Gap Creek Natural Area

County Name: Montgomery **Size (in acres):** 10.07 **Latitude:** 34.39285 **Longitude:** -93.58681

Description:

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

Access:

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

Management Plan:

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

Stewardship Activities:

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

Date of Last Visit: 5/1/2009

Status:

Field assessments noted no problems.

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|--|-------------------------|------------------------|
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | Plant |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | Plant |
| <i>Etheostoma pallididorsum</i> | paleback darter | Animal |
| <i>Hedyotis ouachitana</i> | Ouachita bluets | Plant |
| Upland Headwater Stream-Ouachita Mountains | | Natural Community |

Acquisition Summary:

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

Garrett Hollow Natural Area

County Name: Washington **Size (in acres):** 747.008 **Latitude:** 35.78561 **Longitude:** -94.41067

Description:

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

Access:

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

Management Plan:

The conservation vision is to maintain appropriate maternity, hibernaculum, and foraging habitat for Ozark big-eared bat populations and diversity of aquatic and terrestrial communities typical of the Boston Mountains. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

Stewardship Activities:

ANHC staff conducted routine stewardship activities and planned hardwood restoration on a newly acquired tract. ECO was contracted to install a one-eighth mile of fence to prevent livestock access. AGFC staff conducted a survey for Ozark Big-eared bats.

Date of Last Visit: 4/7/2009

Status:

ATV use on the natural area has been reduced. A new acquisition provided additional habitat protection for the Ozark big-eared bat. Habitat restoration is needed in the old field of the new acquisition. Field assessments noted no other problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Goose Pond Natural Area

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

Description:

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

Access:

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

Management Plan:

The conservation vision is to work in conjunction with the Arkansas Game and Fish Commission to maintain a mosaic of plant communities in a bald cypress dominated back-swamp of the Arkansas River Valley. The Management Plan was updated and approved by the commission on 02/05/2009. It will be updated for Fiscal Year 2013.

Stewardship Activities:

Cooperative stewardship efforts with AGFC staff continued, including trash removal, boundary maintenance, and invasive plant species control. Two collection permits were issued. The Management Plan was updated to reflect current status.

Date of Last Visit: 6/5/2009

Status:

One corner of the area received minor ice storm damage. AGFC staff on-site reported 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> |
|-------------------|--|------------------------|-----------------------|----------------------|--------------------------------|
| Goose Pond 1 | Conservation easement (AGFC holds fee title) | \$196,500.00 | \$200,000.00 | 2/19/1981 | State General Improvement Fund |

H. E. Flanagan Prairie Natural Area

County Name: Franklin

Size (in acres): 265.55

Latitude: 35.35986

Longitude: -93.99833

Description:

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

Access:

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

Management Plan:

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

Stewardship Activities:

Routine stewardship activities included removing trash, maintaining the boundaries and parking area, and invasive plant species control on four acres. ECO was contracted to install a one-half mile of fencing to block unauthorized vehicle access to the prairie. TNC conducted a prescribed burn on 50 acres. A plant inventory and bird surveys were conducted. Three collection permits were issued.

Date of Last Visit: 5/20/2009

Status:

Inventory work documented two new tracked plant species. 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>Ammodramus henslowii</i> | Henslow's Sparrow | Animal |
| Arkansas Valley Prairie and Woodland | | Natural Community |
| <i>Atrytone arogos</i> | arogos skipper | Animal |
| <i>Calopogon oklahomensis</i> | Oklahoma grass-pink | Plant |
| <i>Carex opaca</i> | a caric sedge | Plant |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | Plant |
| <i>Gryllotalpa major</i> | prairie mole cricket | Animal |
| <i>Laphria vorax</i> | a robberfly | Animal |
| <i>Nemastylis nuttallii</i> | Nuttall's pleat-leaf | Plant |
| <i>Nicrophorus americanus</i> | American burying beetle | Animal |
| <i>Rhynchospora macrostachya</i> | a beakrush | Plant |
| <i>Terrapene ornata ornata</i> | ornate box turtle | Animal |
| <i>Tetraopes quinque maculatus</i> | a red milkweed beetle | Animal |
| <i>Tetraopes texanus</i> | a red milkweed beetle | Animal |

Acquisition Summary:

| <u>Tract Name</u> | <u>Legal Interest</u> | <u>Appraised Value</u> | <u>Purchase Price</u> | <u>Date Acquired</u> | <u>Funding Source</u> |
|-----------------------|-----------------------|------------------------|-----------------------|----------------------|--|
| Flanagan 1 (Bumpers) | Fee title | \$120,000.00 | \$110,000.00 | 7/12/1988 | Natural and Cultural Resources Council |
| Flanagan 2 (Sullivan) | Fee title | \$50,000.00 | \$50,000.00 | 12/20/1991 | Natural and Cultural Resources Council |

Hell Creek Natural Area

County Name: Stone **Size (in acres):** 211.3782 **Latitude:** 35.90699 **Longitude:** -92.07728

Description:

Located on the Salem Plateau of the Ozark Mountains, Hell Creek Natural Area hosts the only known population of the albinistic cave crayfish. Most of Hell Creek Cave is wet year-round, with many of its passages flooded during periods of high rainfall. Hell Creek Cave is considered an example of a "solution channel" or "tunnel cave." Hell Creek, which flows through the cave, is spring fed and eventually empties into the White River.

Access:

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

Management Plan:

The conservation vision is to maintain viable populations of the target species of albinistic cave crayfish, and as appropriate, other native plants and animals occurring within this "solution channel" cave on the Salem Plateau of the Ozark Mountains. The Management Plan was updated and approved by the commission on 02/05/2009. It will be updated for Fiscal Year 2013.

Stewardship Activities:

ANHC staff conducted grounds maintenance activities, repaired fencing, and cleared fallen trees from the access road. Residential development adjacent to the natural area was also monitored. ANHC, AGFC, TNC, and USWFS conducted an cave species inventory and noted the continued presence of the Hell Creek crayfish. A contractor began a recharge delineation project and a collection permit was also issued. The Management Plan was updated to reflect current status.

Date of Last Visit: 5/19/2009

Status:

Inventory work noted the crayfish population is stable. A recharge delineation project was initiated. Field assessments noted no problems.

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|-------------------------------|-----------------------|------------------------|
| <i>Arnoglossum reniforme</i> | great Indian plantain | Plant |
| <i>Brickellia grandiflora</i> | tassel flower | Plant |
| <i>Cambarus zophonastes</i> | a crayfish | Animal |
| <i>Eurycea spelaea</i> | grotto salamander | Animal |
| <i>Juglans cinerea</i> | butternut | Plant |
| <i>Lirceus bicuspidatus</i> | an isopod | Animal |
| <i>Myotis grisescens</i> | gray myotis | Animal |
| <i>Myotis lucifugus</i> | little brown bat | Animal |

Acquisition Summary:

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

Holland Bottoms Willow Oak Forest Preserve

County Name: Lonoke

Size (in acres): 632.3

Latitude: 34.89671

Longitude: -92.06797

Description:

Holland Bottoms Willow Oak Forest Preserve is located in the Mississippi Alluvial Plain. Jacks Bayou, a tributary of Bayou Two Prairie, bisects the natural area. A bottomland hardwood forest containing mature stands of willow oak, mixed with various other bottomland hardwood species, largely characterize the natural area. Only 25% of the bottomland hardwood forests that formerly occurred across the Lower Mississippi Valley currently remain. The natural area falls within the Holland Bottoms Wildlife Management Area and is co-managed with the Arkansas Game and Fish Commission.

Access:

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

Management Plan:

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

Stewardship Activities:

ANHC staff verified that AGFC conducted routine grounds maintenance activities and ANHC staff also conducted a plant inventory.

Date of Last Visit: 5/12/2009

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 (AGFC holds fee title) | \$0.00 | \$0.00 | 1/20/1986 | Gift |

Holloway Memorial Natural Area

County Name: Prairie

Size (in acres): 75

Latitude: 35.07016

Longitude: -91.5399

Description:

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

Access:

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

Management Plan:

The conservation vision is to protect and maintain a flatwoods forest characteristic of the Grand Prairie terraces of the eastern Arkansas Mississippi Alluvial Plain. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

Stewardship Activities:

ANHC staff continued stewardship activities such as maintenance of the parking and picnic area. Trail maintenance required intensive work to remove limbs and trees that had fallen across the trail as a result of severe thunderstorms in the area. TNC was contracted to develop a prescribed burn prescription for the area. ECO was contracted to install a ¼ mile of fence to block unauthorized access.

Date of Last Visit: 5/18/2009

Status:

Public use facilities were improved. ATV encroachment is minimal. Field assessments noted no problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Iron Mountain Natural Area

County Name: Polk

Size (in acres): 260.51

Latitude: 34.52935

Longitude: -94.34143

Description:

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

Access:

From Mena, travel approximately 7.1 miles southwest on U.S. Highway 71 through and beyond Potter Junction. Turn right on County Road 168 and travel 0.2 mile to fork. Turn right on County Road 169 and travel 0.3 mile to parking area on right.

Management Plan:

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

Stewardship Activities:

ANHC staff conducted maintenance on the parking area and trail. Invasive plant species were removed. Area was surveyed following severe storms and a small amount of tornado damage was noted in the edge of the natural area.

Date of Last Visit: 4/13/2009

Status:

Public use facilities and trails were maintained. The northwest corner of the area sustained minor wind throw. Field assessments noted no other problems.

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|---------------------------------|-----------------------------|------------------------|
| <i>Plethodon serratus</i> | southern redback salamander | Animal |
| <i>Pycnanthemum virginianum</i> | Virginia mountain mint | Plant |

Acquisition Summary:

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

Kings River Falls Natural Area

County Name: Madison **Size (in acres):** 682.797 **Latitude:** 35.90108 **Longitude:** -93.57539

Description:

Kings River Falls Natural Area is located at the interface of the Springfield Plateau and Boston Mountains subdivisions of the Ozark Mountains. The natural area includes Kings River with Kings River Falls being a focal point. Kings River is a clear mountain stream originating east of Boston in Newton County. The river flows for about 50 miles through Madison and Carroll Counties, eventually merging with Osage Creek before it flows into Table Rock Reservoir. A mixed pine-hardwood forest covers slopes on the east side of the natural area. On the west side, steeper slopes are covered almost entirely with hardwood species. Rock walls, bluff shelters, and rocky slopes characterize most of the western half of the tract. A diverse and colorful shrub community borders the stream.

Access:

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

Management Plan:

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

Stewardship Activities:

ANHC staff performed routine stewardship activities that included trash removal and monitoring the bluff shelters for illegal artifact poaching and found none. ANHC staff also installed of a new trailhead, footbridge and public parking area on a recent land acquisition. ANHC staff also responded to an ADEQ investigation concerning damage to the creek by an adjacent landowner. ANHC staff also conducted plant community monitoring and three collection permits were issued.

Date of Last Visit: 5/27/2009

Status:

A new parking area and trailhead were completed. A portion of the trail was rerouted and constructed to reduce erosion and improve public access. Activities on adjacent land were monitored and no adverse impacts to the natural area were noted.

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|--|------------------------|------------------------|
| <i>Carex mesochorea</i> | a caric sedge | Plant |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | Plant |
| <i>Osmorhiza claytonii</i> | Clayton's sweet cicely | Plant |

Acquisition Summary:

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

Kingsland Prairie Natural Area

County Name: Cleveland

Size (in acres): 199.19

Latitude: 33.8636

Longitude: -92.252

Description:

Kingsland Prairie Natural Area, located in the West Gulf Coastal Plain, consists of a mosaic of salt slick barrens, saline prairie, prairie mound woodlands, pine savanna, and bottomland hardwood forest communities. Soils at the site, containing high amounts of sodium, appear to account for the sparse and irregular distribution of trees and the resultant dominance of grasses and other herbaceous vegetation. The unique soils and sparse tree cover create ideal habitat for a number of rare herbaceous plant species including the federally threatened species *Geocarpon minimum*. Numerous shallow, seasonally-wet depressions in these prairies also provide for a rich diversity of plant species.

Access:

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

Management Plan:

The conservation vision is to protect a mosaic of salt slick barrens, saline prairie, prairie mound woodlands, pine savanna, and bottomland hardwood forest communities characteristic of the West Gulf Coastal Plain. A management plan is in the process of being written for Fiscal Year 2010.

Stewardship Activities:

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

Date of Last Visit:

Status:

Three tracked plants and one tracked animal have been documented at the site.

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>Geocarpon minimum</i> | geocarpon | Plant |
| <i>Helianthemum rosmarinifolium</i> | rockrose | Plants |
| <i>Iva angustifolia</i> | slender marsh elder | Plants |
| West Gulf Coastal Plain Saline Glade | | Natural Community |

Acquisition Summary:

| <u>Tract Name</u> | <u>Legal Interest</u> | <u>Appraised Value</u> | <u>Purchase Price</u> | <u>Date Acquired</u> | <u>Funding Source</u> |
|-------------------|-----------------------|------------------------|-----------------------|----------------------|--|
| Kingsland 1 (TNC) | Fee title | \$165,000.00 | \$165,000.00 | 6/17/2009 | Natural and Cultural Resources Council |

Konecny Grove Natural Area

County Name: Prairie **Size (in acres):** 22.17 **Latitude:** 34.63496 **Longitude:** -91.59229

Description:

Konecny Grove Natural Area is one of the few remaining examples of slash woodland that once occurred across certain parts of the Grand Prairie of eastern Arkansas (Mississippi Alluvial Plain). Slash represented a transitional habitat from prairie to bottomland hardwood forest. Today, less than 3% of this habitat type remains in the Grand Prairie. Persimmon, green ash, and honey locust trees dominate Konecny Grove with hawthorns dispersed along its boundaries. A four-acre seasonal herbaceous wetland exists in the northern portion of the natural area. The natural area protects the only known population of the rare Stern's medlar. Fee title is held by a private landowner.

Access:

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

Management Plan:

The conservation vision is to maintain the integrity of a remnant prairie slash community within the Grand Prairie of eastern Arkansas, and the only known population of Stern's medlar. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

Stewardship Activities:

ANHC staff monitored the condition of the Sterns' Medlar (*Crataegus x canescens*) population and installed permanent plant identification tags. Staff also performed routine stewardship activities and conducted intensive invasive plant species removal on one acre.

Date of Last Visit: 5/26/2009

Status:

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

Elements of Special Concern:

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

Acquisition Summary:

| <u>Tract Name</u> | <u>Legal Interest</u> | <u>Appraised Value</u> | <u>Purchase Price</u> | <u>Date Acquired</u> | <u>Funding Source</u> |
|-------------------|---|------------------------|-----------------------|----------------------|--------------------------------|
| Konecny Grove | Conservation easement (private landowner holds fee title) | \$22,170.00 | \$17,736.00 | 2/15/1979 | State General Improvement Fund |

Konecny Prairie Natural Area

County Name: Prairie

Size (in acres): 70.69

Latitude: 34.62665

Longitude: -91.58035

Description:

Konecny Prairie Natural Area is the largest block of high-quality tallgrass prairie left in the Grand Prairie of eastern Arkansas (Mississippi Alluvial Plain). Konecny Prairie is dominated by big bluestem, little bluestem, switchgrass, and Indian grass. Forb diversity is high with such plant species as compass plant, prairie gayfeather, blazing star, American aloe, and black-eyed susan being common. Prior to settlement, the Grand Prairie ecosystem covered approximately 900,000-acres, with 320,000-acres of that total consisting of prairie. At present, less than 1% of the prairies that occurred across the Grand Prairie remain. A private landowner holds fee title to a portion of natural area.

Access:

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

Management Plan:

The conservation vision is to maintain the viability and associated biological diversity of a remnant tallgrass prairie in the Grand Prairie of eastern Arkansas. The Management Plan was updated and approved by the Commission on 10/25/07. It will be updated for Fiscal Year 2011.

Stewardship Activities:

ANHC staff performed grounds maintenance activities as well as treatments for invasive plant species control on two acres. Three collection permits were issued.

Date of Last Visit: 5/19/2009

Status:

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

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|--|--------------------------|------------------------|
| <i>Antennaria neglecta</i> | field pussytoes | Plant |
| <i>Asio flammeus</i> | Short-eared Owl | Animal |
| <i>Calopogon oklahomensis</i> | Oklahoma grass-pink | Plant |
| <i>Carex opaca</i> | a caric sedge | Plant |
| <i>Cistothorus platensis</i> | Sedge Wren | Animal |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | Plant |
| <i>Gryllotalpa major</i> | prairie mole cricket | Animal |
| <i>Gymnopogon brevifolius</i> | shortleaf skeletongrass | Plant |
| Lower Mississippi Alluvial Plain Grand Prairie | | Natural Community |
| <i>Oenothera pilosella ssp. sessilis</i> | prairie evening primrose | Plant |
| <i>Prunus pumila var. susquehanae</i> | sand cherry | Plant |
| <i>Terrapene ornata ornata</i> | ornate box turtle | Animal |

Acquisition Summary:

| <u>Tract Name</u> | <u>Legal Interest</u> | <u>Appraised Value</u> | <u>Purchase Price</u> | <u>Date Acquired</u> | <u>Funding Source</u> |
|------------------------------------|---|------------------------|-----------------------|----------------------|--|
| Konecny Prairie 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/Dobrovic) | Fee title | \$23,100.00 | \$23,100.00 | 12/9/1998 | Natural and Cultural Resources Council |
| Konecny Prairie 3 (Dobrovich) | Fee title | \$31,500.00 | \$31,500.00 | 8/5/2005 | Natural and Cultural Resources Council |

Logoly Natural Area

County Name: Columbia

Size (in acres): 200

Latitude: 33.34989

Longitude: -93.18353

Description:

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

Access:

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

Management Plan:

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

Stewardship Activities:

ASP staff continued to perform daily management activities, including monitoring public use areas. The Management Plan was updated to reflect current status.

Date of Last Visit: 5/4/2009

Status:

ASP staff on-site reported no problems.

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|-------------------------|--------------------|------------------------|
| Lowland pine-oak forest | | Natural Community |
| <i>Polygala nana</i> | bachelor's button | 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 (State Parks holds fee title) | \$80,000.00 | \$0.00 | 4/16/1979 | Gift |

Lorance Creek Natural Area

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

Description:

Lorance Creek Natural Area is primarily a deep swamp that spreads out along both sides of Lorance Creek. This natural area occurs at the transition of the West Gulf Coastal Plain to the Mississippi Alluvial Plain. The entire system is a diverse mosaic of open water, cypress-tupelo gum, beaver ponds, and sandy washes overlain with groves of swamp blackgum. All these features are inter-connected by a complex network of small streams and seeps, which support a rich aquatic flora. A portion of the natural area has been developed, using environmentally sensitive construction techniques, to enhance public visitation and environmental education opportunities. This part of the natural area features a paved foot-trail, interpretive panels, and a boardwalk out into the swamp. Both the foot-trail and boardwalk are universally accessible. The Nature Conservancy owns adjoining property.

Access:

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

Management Plan:

The conservation vision is to sustain the biological diversity of various wetland communities at the transition of the West Gulf Coastal Plain to the Mississippi Alluvial Plain, while maintaining public use facilities and enhancing public visitation. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

Stewardship Activities:

ANHC and TNC staff conducted weekly monitoring of the boardwalk for vandalism. ANHC staff conducted routine grounds maintenance activities and monitored for artifact poaching. Staff also conducted a prescribed burn around the retention pond, and installed a bollard to block ATV access to the boardwalk. ANHC staff were also filmed here as part of a DAH advertising campaign.

Date of Last Visit: 6/26/2009

Status:

Vandalism has been reduced. A bollard was installed to eliminate ATV access to the boardwalk. Regular monitoring found no adverse impacts from artifact poaching.

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|------------------------------|------------------------|------------------------|
| <i>Carex bullata</i> | a caric sedge | Plant |
| <i>Carex davisii</i> | Davis' caric sedge | Plant |
| <i>Carex stricta</i> | tussock sedge | Plant |
| <i>Hyla avivoca</i> | bird-voiced treefrog | Animal |
| <i>Spiraea tomentosa</i> | hardhack | Plant |
| <i>Tradescantia paludosa</i> | confederate spiderwort | Plant |

Acquisition Summary:

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

Louisiana Purchase Natural Area

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

Description:

Louisiana Purchase Natural Area preserves the initial point from which land surveys of the Louisiana Purchase Territory began in 1815. The swamp surrounding the marker is called a "headwater swamp." Headwater swamps maintain more constant water levels than riparian swamps due to reduced drainage of the area. The swamp is about 6 miles long and less than a mile wide. Swamps such as these have all but vanished from the Mississippi Alluvial Plain. The headwater swamp at Louisiana Purchase is the largest remaining in the Lower Mississippi Alluvial Valley. The natural area is a cooperative project with Arkansas State Parks and features an interpretive boardwalk into the heart of the swamp, providing a view of the stone survey monument.

Access:

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

Management Plan:

The conservation vision is to work in conjunction with Arkansas State Parks to protect and maintain the plant communities and species characteristic of a cypress-tupelo dominated headwater swamp of the Mississippi Alluvial Plain. The Management Plan was updated and approved by the Commission on 09/17/2008. It will be updated for Fiscal Year 2013.

Stewardship Activities:

ASP staff performed stewardship activities, including monitoring public use areas. The Management Plan was updated to reflect current status.

Date of Last Visit: 5/27/2009

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 (State Parks holds fee title) | \$5,395.20 | \$5,000.00 | 2/15/1977 | State General Improvement Fund |
| Louisiana 2 (Bennett) | Conservation easement (State Parks holds fee title) | \$5,395.20 | \$5,000.00 | 3/10/1977 | State General Improvement Fund |
| Louisiana 3 (Bonner) | Conservation easement (State Parks holds fee title) | \$3,884.45 | \$3,600.00 | 4/7/1977 | State General Improvement Fund |
| Louisiana 4 (Davidson) | Conservation easement (State Parks holds fee title) | \$4,575.15 | \$4,240.00 | 4/13/1977 | State General Improvement Fund |

Middle Fork Barrens Natural Area

County Name: Saline

Size (in acres): 135.98

Latitude: 34.6375

Longitude: -92.84196

Description:

Located in the eastern portion of the central Ouachita Mountains, this natural area contains a complex of open glades, barrens, and dry oak woodlands on a shale substrate. Glades at the site range from seasonally wet, flat glades situated in erosional drainages to very dry hillside glades on south and west-facing slopes. Located within the glades are several globally rare, endemic plant species. The natural area also includes rich hardwood forests on north-facing slopes and terraces along the Middle Fork of the Saline River, including a 1/3 mile stretch of the river.

Access:

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

Management Plan:

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

Stewardship Activities:

ANHC staff conducted routine stewardship activities, installed a new parking area, and repaired fences that were installed to prevent cattle from accessing the Middle Fork of the Saline River. ANHC staff also conducted plant inventories and removed invasive red cedars from a glade restoration area. TNC was contracted to perform a prescribed burn on 37 acres. ECO was contracted to install ¼ mile of fencing to prevent livestock access to the natural area.

Date of Last Visit: 6/19/2009

Status:

Ecological restoration work improved the habitat structure. Cedar removal and prescribed fire enhanced the quality of plant communities. Inventory worked added additional species to the plant list and documented one new tracked plant.

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>Draba aprica</i> | open-ground whitlow-grass | Plant |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | Plant |
| <i>Liatris compacta</i> | Ouachita blazing star | Plant |
| <i>Nemastylis nuttallii</i> | Nuttall's pleat-leaf | Plant |
| <i>Prenanthes aspera</i> | rough rattlesnake-root | Plant |
| <i>Sabatia arkansana</i> | Pelton's rose gentian | Plant |
| <i>Scleria verticillata</i> | whorled nutsedge | Plant |
| <i>Valerianella nuttallii</i> | Nuttall's cornsalad | Plant |

Acquisition Summary:

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

Miller County Sandhills Natural Area

County Name: Miller

Size (in acres): 222.7804

Latitude: 33.19354

Longitude: -94.02781

Description:

Miller County Sandhills Natural Area, located in the West Gulf Coastal Plain, is one of the few remaining examples of relatively undisturbed sandhill vegetation in southwestern Arkansas. The area is marked by rolling topography and sandy soils. The dry sandy soil supports a very distinctive flora, which includes a number of species characteristic of similar sites in eastern Texas. Some of the area is open and supports a "sandhill prairie," while the remainder is in hardwood forest characterized by a number of "scrub species." The Natural Heritage Commission and The Nature Conservancy share ownership of this area. The Nature Conservancy owns additional land adjacent to the natural area.

Access:

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

Management Plan:

The conservation vision is to work in conjunction with The Nature Conservancy to protect and maintain an example of sandhill woodlands, barrens, and seeps characteristic of the West Gulf Coastal Plain. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

Stewardship Activities:

ANHC staff performed routine stewardship activities, including the posting of one mile of boundary. TNC was contracted to conduct a prescribed burn on 115 acres and conduct plant community monitoring. ANHC staff also completed a plant inventory noting that many rare species have increased. A collection permit was also issued.

Date of Last Visit: 4/14/2009

Status:

Prescribed fire improved the quality of plant communities. Inventory work recorded three new tracked plant species. A new acquisition improved public access while providing a buffer to the area and offering potential restoration opportunities.

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|--|------------------------------|------------------------|
| <i>Alophia drummondii</i> | purple pleat-leaf | Plant |
| <i>Aristida lanosa</i> | woolly threeawn | Plant |
| <i>Asimina parviflora</i> | dwarf pawpaw | Plant |
| <i>Astragalus leptocarpus</i> | slimpod milkvetch | Plant |
| <i>Astragalus soxmaniorum</i> | Soxman's milkvetch | Plant |
| <i>Berlandiera pumila</i> var. <i>pumila</i> | green eyes | Plant |
| <i>Bouteloua hirsuta</i> | hairy grama | Plant |
| <i>Bulbostylis ciliatifolia</i> var. <i>coarctata</i> | hairsedge | Plant |
| <i>Dalea phleoides</i> var. <i>microphylla</i> | little-leaved prairie clover | Plant |
| <i>Dalea villosa</i> var. <i>grisea</i> | silky prairie clover | Plant |
| <i>Delphinium carolinianum</i> ssp. <i>vimineum</i> | Carolina larkspur | Plant |
| <i>Echinacea sanguinea</i> | red coneflower | Plant |
| <i>Eryngium integrifolium</i> | blue-flowered eryngo | Plant |
| <i>Fuirena bushii</i> | Bush's umbrella-grass | Plant |
| <i>Matelea cynanchoides</i> | milkweed vine | Plant |
| <i>Mitreola sessilifolia</i> | swamp hornpod | Plant |
| <i>Nuttallanthus canadensis</i> | sand barrens toadflax | Plant |
| <i>Oenothera heterophylla</i> ssp. <i>Heterophylla</i> | an evening primrose | Plant |
| <i>Pediomelum digitatum</i> | palm-leaved scurf-pea | Plant |

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|--|------------------------|------------------------|
| <i>Pediomelum hypogaeum</i> var. <i>subulatum</i> | buried breadroot | Plant |
| <i>Pogonomyrmex comanche</i> | Comanche harvester ant | Animal |
| <i>Rhynchospora gracilentia</i> | slender beakrush | Plant |
| <i>Rhynchospora rariflora</i> | fewflower beakrush | Plant |
| <i>Scutellaria cardiophylla</i> | heartleaf skullcap | Plant |
| <i>Selaginella arenicola</i> ssp. <i>riddellii</i> | Riddell's spike-moss | Plant |
| <i>Streptanthus hyacinthoides</i> | a twistflower | Plant |
| <i>Thelesperma flavodiscum</i> | east Texas goldthread | Plant |
| <i>Tradescantia reverchonii</i> | Reverchon's spiderwort | Plant |
| <i>Tragia smallii</i> | Small's noseburn | Plant |
| West Gulf Coastal Plain Sandhill Oak & Shortleaf Pine Forest & Woodland | | Natural Community |

Acquisition Summary:

| Tract Name | Legal Interest | Appraised Value | Purchase Price | Date Acquired | Funding Source |
|-------------------|--|------------------------|-----------------------|----------------------|--|
| Miller 1 | NHC has a 71% undivided interest, and TNC 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 |
| Miller 4 | Fee title | \$85,000.00 | \$85,000.00 | 1/21/2009 | Natural and Cultural Resources Council |

Mills Park Natural Area

County Name: Saline

Size (in acres): 10.4763

Latitude: 34.60539

Longitude: -92.48331

Description:

Mills Park is a unique example of an urban natural area. This small tract harbors an acidic wooded seep and represents the once extensive forests that occurred across the West Gulf Coastal Plain. The natural area consists of a wooded block within the larger context of an 80-acre city park owned by the City of Bryant. The natural area contains several plant species considered rare or uncommon in Arkansas. These special plants, along with many other species of ferns, shrubs, and sedges grow in a series of wooded seeps that flow into an unnamed tributary of Crooked Creek.

Access:

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

Management Plan:

The conservation vision is to protect and maintain a West Gulf Coastal Plain wooded seep, and surrounding forest, within the context of a city park. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

Stewardship Activities:

Routine stewardship activities included monitoring trail use, performing trail maintenance, and removing invasive plant species on ten acres. The City of Bryant updated the interpretive signage and installed new playground equipment adjacent to the parking area. ANHC staff also conducted a plant inventory. Audubon Arkansas conducted invasive species removal.

Date of Last Visit: 5/29/2009

Status:

Invasive plant species were reduced. Active public use continues. Seep habitat increased after thinning and burning. Field assessments noted no problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Moro Big Pine Natural Area-Wildlife Management Area

County Name: Calhoun

Size (in acres): 15,922.78

Latitude: 33.3961

Longitude: -92.4096

Description:

Moro Big Pine Natural Area-Wildlife Management Area is part of a 120,000 acre site that is considered the best and largest remaining loblolly pine flatwoods in the West Gulf Coastal Plain of Arkansas. The soils at this site are poorly-drained with a shallow fragipan that limits root penetration and creates wetland conditions during part of the growing season. Overall diversity is high with many rare plant communities represented including upland pine-grass savannas, saline soil barrens, and open sandy seeps. The site also hosts a variety of rare plants and animals including the federally endangered Red-cockaded Woodpecker. A conservation easement on the NA-WMA will ensure that some of this habitat is managed to support increased game species like deer, turkey, and quail as well as endangered species such as the Red-cockaded Woodpecker.

Access:

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

Management Plan:

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

Stewardship Activities:

ANHC staff attended the Moro Big Pine management meeting held in Warren, Arkansas. Staff from ANHC, AGFC, Potlatch, and TNC discussed past and future management of Moro Big Pine. Potlatch staff monitored RCW colonies. ANHC staff conducted a plant inventory and noted the second record of tall swamp panic grass in Arkansas. A collection permit was issued.

Date of Last Visit: 2/4/2009

Status:

Cooperative work continues with AGFC, TNC, and Potlatch. The second phase of the acquisition project was completed. Eight RCWs were translocated from Louisiana to augment population growth. Inventory work noted one new tracked plant species.

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|------------------------------------|----------------------------|------------------------|
| <i>Alophia drummondii</i> | purple pleat-leaf | Plant |
| <i>Anthaenaria texana</i> | Kral's silkyscale | Plant |
| <i>Coelorachis rugosa</i> | wrinkled jointgrass | Plant |
| <i>Dichanthelium scabriusculum</i> | woolly rosette grass | Plant |
| <i>Fuirena bushii</i> | Bush's umbrella-grass | Plant |
| <i>Paspalum praecox</i> | early paspalum | Plant |
| <i>Picoides borealis</i> | Red-cockaded Woodpecker | Animal |
| <i>Plethodon kisatchie</i> | Louisiana slimy salamander | Animal |
| <i>Sabatia campanulata</i> | slender marsh-pink | Plant |
| <i>Smilax walteri</i> | redberry greenbrier | Plant |
| <i>Xyris ambigua</i> | a yellow-eyed grass | Plant |

Acquisition Summary:

| <u>Tract Name</u> | <u>Legal Interest</u> | <u>Appraised Value</u> | <u>Purchase Price</u> | <u>Date Acquired</u> | <u>Funding Source</u> |
|-----------------------|---|------------------------|-----------------------|----------------------|--|
| Moro Big 1 (Potlatch) | Conservation Easement (ANHC has 36% interest and AGFC has 64% interest) | \$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 AGFC has 64% interest) | \$1,261,021.50 | \$1,261,031.50 | 3/2/2009 | U.S. Forest Service Grant |

Moro Creek Bottoms Natural Area

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

Description:

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

Access:

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

Management Plan:

The conservation vision is to restore and protect biological diversity representative of bottomland hardwood forests by maintaining natural ecosystem processes in a natural area containing mature old-growth forest. The Management Plan was updated and approved by the Commission on 01/29/08. It will be updated for Fiscal Year 2012.

Stewardship Activities:

In addition to routine stewardship activities, staff conducted boundary inspections, invasive plant species removal, and monitored the area for feral hogs. A collection permit was issued.

Date of Last Visit: 1/21/2009

Status:

Field assessments noted an increase in invasive animals. Access is currently limited to ANHC staff.

Elements of Special Concern:

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

Acquisition Summary:

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

Nacatoch Ravines Natural Area

County Name: Hempstead **Size (in acres):** 1,653.125 **Latitude:** 33.65034 **Longitude:** -93.83154

Description:

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

Access:

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

Management Plan:

The conservation vision is to work in conjunction with The Nature Conservancy to protect and restore upland forest communities of the West Gulf Coastal Plain, complete with an understory containing a rich diversity of native plant species. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

Stewardship Activities:

ANHC staff monitored last year's aerial applications of herbicide to control kudzu and contracted for additional applications. ANHC and TNC staff also treated kudzu with hand-spraying of herbicide on 17 acres. Prior to treatment, ANHC staff again met with local officials and neighbors to review this management activity. Routine stewardship activities were conducted such as trash removal and posting of eight miles of boundary. TNC conducted a timber thin on the easement area in accordance with the forest management plan, conducted prescribed burning on 170 acres and contracted with a forest grinder to remove understory vegetation and install firelines. A collection permit was issued.

Date of Last Visit: 5/11/2009

Status:

Continued aggressive herbicide treatments notably reduced kudzu and increased native vegetation. A new acquisition protects additional blackland ravine forest. Ecological thinning of pine stands resulted in more natural woodland habitat structure.

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|---------------------------------|-----------------------------|------------------------|
| <i>Carex kraliana</i> | Kral's caric sedge | Plant |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | Plant |
| <i>Lithospermum tuberosum</i> | a pucoon | Plant |
| <i>Plethodon serratus</i> | southern redback salamander | Animal |
| <i>Pycnanthemum virginianum</i> | Virginia mountain mint | Plant |
| <i>Quercus arkansana</i> | Arkansas oak | Plant |
| <i>Quercus sinuata</i> | Durand's white oak | Plant |

Acquisition Summary:

| <u>Tract Name</u> | <u>Legal Interest</u> | <u>Appraised Value</u> | <u>Purchase Price</u> | <u>Date Acquired</u> | <u>Funding Source</u> |
|-------------------|---|------------------------|-----------------------|----------------------|--|
| Nacatoch 1 | Fee title | \$99,000.00 | \$68,400.00 | 1/13/1989 | Natural and Cultural Resources Council |
| Nacatoch 2 (IP) | NHC has a 71% undivided interest and TNC has a 29% undivided interest in fee 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 (TNC) | Conservation easement (The Nature Conservancy holds fee title) | \$963,000.00 | \$963,000.00 | 8/4/2008 | Natural and Cultural Resources Council |

Palmetto Flats Natural Area

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

Description:

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

Access:

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

Management Plan:

The conservation vision is to protect a large block of terrace forest along the Red River and populations of associated species. A management plan is in the process of being written for Fiscal Year 2010.

Stewardship Activities:

ANHC staff performed routine grounds maintenance activities including posting of over six miles of boundary and also conducted a Quality Circle Day fieldtrip to review management activities. Staff from ANHC met with County Judge and concerned local citizens concerning management activities and access routes to the area. A collection permit was issued.

Date of Last Visit: 4/2/2009

Status:

Inventory work added to the plant species list. Phase 2 of the acquisition project was completed.

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 | \$1,846,354.20 | \$1,842,330.00 | 9/30/2008 | Natural and Cultural Resources Council |

Pine City Natural Area

County Name: Monroe

Size (in acres): 922.45

Latitude: 34.60423

Longitude: -91.13117

Description:

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

Access:

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

Management Plan:

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

Stewardship Activities:

The ecological thinning of the mid and understory was stopped before final completion due to locally wet ground conditions. Local genotype pine seedlings, planted in restoration areas, were monitored and additional seedlings were planted on a recent land acquisition. ANHC staff cleaned and maintained RCW nest cavities, hand pulled invasive plant species, posted over three miles of boundary lines, and maintained the new parking area. Contracts were issued to remove hardwood understory and conduct a prescribed burn on 40 acres. ANHC staff conducted soil compaction studies. AFC staff extinguished an arson fire on one of the newly acquired tracts.

Date of Last Visit: 6/12/2009

Status:

Ecological restoration improved habitat structure, including 26 acres planted with local genotype pine seedlings. Public access was improved. Three new acquisitions protect additional RCW habitat.

Elements of Special Concern:

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

Acquisition Summary:

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

| Tract Name | Legal Interest | Appraised Value | Purchase Price | Date Acquired | Funding Source |
|-------------------|-----------------------|------------------------|-----------------------|----------------------|--|
| Pine City 7 | Fee title | \$37,000.00 | \$29,450.00 | 12/15/2003 | Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant |
| Pine City 8 | Fee title | \$73,000.00 | \$73,000.00 | 6/25/2007 | Natural and Cultural Resources Council |
| Pine City 9 | Fee title | \$60,000.00 | \$60,000.00 | 7/2/2008 | Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant |
| Pine City 10 | Fee title | \$58,000.00 | \$58,000.00 | 10/3/2008 | Natural and Cultural Resources Council, 1/8 Cent Conservation Tax |
| Pine City 11 | Fee title | \$105,000.00 | \$105,000.00 | 10/1/2008 | U.S. Fish and Wildlife Service Grant |
| Pine City 12 | Fee title | \$73,640.00 | \$73,640.00 | 4/3/2009 | U.S. Fish and Wildlife Service Grant |

Pine Hollow Natural Area

County Name: Newton

Size (in acres): 132.525

Latitude:

Longitude:

Description:

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

Access:

There is no public access to this natural area.

Management Plan:

The conservation vision is to protect and maintain biological diversity representative of oak-hickory forests of the Ozark Mountains and provide protection for the Upper Buffalo Wilderness Area, the Buffalo National River, and a portion of its watershed. The Management Plan was updated and approved by the commission on 05/13/2009. It will be updated for Fiscal Year 2013.

Stewardship Activities:

ANHC staff conducted plant community monitoring and investigated storm damage. ANHC staff continued to work closely with the landowners who perform routine grounds maintenance of the area. ANHC staff also discussed an overall burn rotation schedule with the landowners for future prescribed burns. The Management Plan was updated to reflect current status.

Date of Last Visit: 4/14/2009

Status:

Field assessments noted moderate ice storm damage and no problems.

Elements of Special Concern:

Scientific Name

Common Name

Type of Element

None Recorded

Acquisition Summary:

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

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

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

Description:

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

Access:

From State Highway 57 and State Highway 24 at Chidester, travel 1.6 miles on State Highway 24 east to Scott Story Road (County Road 361). Travel south 1.35 miles to the north boundary of the Woods Unit. From this point, it is approximately 2.4 miles to the northeast corner of the barrens unit.

Management Plan:

The conservation vision is to work in conjunction with the Arkansas Forestry Commission to restore and protect oak/pine forests, sandhill woodlands, sandhill barrens, seeps, and shrub wetlands characteristic of the West Gulf Coastal Plain. The Management Plan was updated and approved by the commission on 05/13/2009. It will be updated for Fiscal Year 2013.

Stewardship Activities:

ANHC staff conducted routine ground maintenance activities that included installation of two new entrance signs. Cooperative management activities and future prescribed burns were reviewed with AFC staff. The Management Plan was updated to reflect current status. A collection permit was issued.

Date of Last Visit: 4/21/2009

Status:

Plant inventory on new acquisitions noted many new element occurrence records including two new tracked plant species. Cooperative management activities and future prescribed burns were reviewed with AFC staff.

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|---|--------------------------|------------------------|
| <i>Aristida lanosa</i> | woolly threeawn | Plant |
| <i>Astragalus leptocarpus</i> | slimpod milkvetch | Plant |
| <i>Astragalus soxmaniorum</i> | Soxman's milkvetch | Plant |
| <i>Bulbostylis ciliatifolia</i> var. <i>coarctata</i> | hairsedge | Plant |
| <i>Cyperus grayoides</i> | Mohlenbrock's flatsedge | Plant |
| <i>Delphinium carolinianum</i> ssp. <i>vimineum</i> | Carolina larkspur | Plant |
| <i>Dulichium arundinaceum</i> var. <i>arundinaceum</i> | threeway sedge | Plant |
| <i>Eriogonum multiflorum</i> var. <i>multiflorum</i> | many-flowered buckwheat | Plant |
| <i>Oenothera heterophylla</i> ssp. <i>orientalis</i> | an evening primrose | Plant |
| <i>Penstemon murrayanus</i> | scarlet beard-tongue | Plant |
| <i>Phacelia strictiflora</i> var. <i>robbinsii</i> | Robbin's scorpionweed | Plant |
| <i>Phemeranthus rugospermus</i> | rough-seeded fame flower | Plant |
| <i>Pogonomyrmex comanche</i> | Comanche harvester ant | Animal |
| <i>Polanisia erosa</i> ssp. <i>erosa</i> | clammyweed | Plant |
| <i>Quercus arkansana</i> | Arkansas oak | Plant |
| <i>Selaginella arenicola</i> ssp. <i>riddellii</i> | Riddell's spike-moss | Plant |
| <i>Streptanthus hyacinthoides</i> | a twistflower | Plant |
| <i>Stylisma pickeringii</i> var. <i>pattersonii</i> | Patterson's dawnflower | Plant |
| <i>Tradescantia reverchonii</i> | Reverchon's spiderwort | Plant |
| West Gulf Coastal Plain Sandhill Oak & Shortleaf Pine Forest and Woodland | | Natural Community |

Acquisition Summary:

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

Railroad Prairie Natural Area

County Name: Prairie, Lonoke **Size (in acres):** 250.7 **Latitude:** 34.78199 **Longitude:** -91.69748

Description:

Railroad Prairie Natural Area occupies portions of the abandoned right-of-way of the former Chicago, Rock Island, and Pacific railroad along U.S. Highway 70 between Carlisle and DeValls Bluff. Its long, linear shape encompasses a variety of habitats and communities including prairie, herbaceous wetland, and forest. A large portion of Railroad Prairie consists of tallgrass prairie, a habitat that was once much more common across the Grand Prairie of eastern Arkansas (Mississippi Alluvial Plain). Today, less than 1% of the prairies that occurred across this region remain. Parts of the prairie have been little disturbed and are dominated by grass species typical of tallgrass prairies such as big bluestem, little bluestem, and Indiangrass. Along with grasses, the natural area contains a diverse complement of forbs including narrow-leaved sunflower, long-bracted wild indigo, and butterfly weed. The natural area also provides critical habitat for several species now considered rare throughout the state.

Access:

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

Management Plan:

The conservation vision is to protect and maintain a representative transect of communities and species related to the landform and hydrology of the Grand Prairie of eastern Arkansas. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

Stewardship Activities:

Routine stewardship activities included removing trash, removing old signs and treating invasive plant species on 23 acres. ANHC staff conducted plant inventories noting the presence of a new rare St. John's wort, and also conducted a prescribed burn on 40 acres. Audubon Arkansas was conducted invasive species removal. UAPB collected seed and bush hogged sections of the prairie for future restoration efforts. ANHC staff met with an adjacent landowner to review vegetation removal along shared drainage ditches. ANHC staff also investigated ownership records and responded to another landowner concerning his claim of part of the natural area. Four collection permits were issued.

Date of Last Visit: 6/29/2009

Status:

Inventory work added new species to the plant list and documented the persistence of sand cherry. Invasive plant species were significantly reduced.

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|--|--------------------------|------------------------|
| <i>Asclepias obovata</i> | savannah milkweed | Plant |
| <i>Calopogon oklahomensis</i> | Oklahoma grass-pink | Plant |
| <i>Carex normalis</i> | a caric sedge | Plant |
| <i>Carex opaca</i> | a caric sedge | Plant |
| <i>Coelorachis rugosa</i> | wrinkled jointgrass | Plant |
| <i>Dichanthelium dichotomum</i> var. <i>roanokense</i> | forked rosette grass | Plant |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | Plant |
| <i>Gentiana puberulenta</i> | downy gentian | Plant |
| <i>Gryllotalpa major</i> | prairie mole cricket | Animal |
| <i>Hypericum adpressum</i> | Creeping St. John's-wort | Plant |
| Lower Mississippi Alluvial Plain Grand Prairie | | Natural Community |
| <i>Muhlenbergia glabriflora</i> | inland muhly | Plant |
| <i>Nemastylis geminiflora</i> | celestial lily | Plant |
| <i>Oenothera pilosella</i> ssp. <i>sessilis</i> | prairie evening primrose | Plant |
| <i>Prunus pumila</i> var. <i>susquehanae</i> | sand cherry | Plant |
| <i>Sabatia campanulata</i> | slender marsh-pink | Plant |

Scientific Name*Tetraopes quinquemaculatus**Tridens ambiguus***Common Name**

a red milkweed beetle

pine barren tridens

Type of Element

Animal

Plant

Acquisition Summary:

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

Rock Creek Natural Area

County Name: Sharp

Size (in acres): 414.68

Latitude: 36.22662

Longitude: -91.44077

Description:

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

Access:

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

Management Plan:

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

Stewardship Activities:

ANHC staff conducted routine grounds maintenance activities that included trash removal and trail maintenance. ANHC staff also continued to maintain off-road vehicle control measures and remove woody vegetation from the fen restoration area and underneath the overhead utility lines. Staff also conducted plant inventory and updated plant EOR's. ANHC and AGFC staff discussed an ecological thin and removal of invasive eastern red cedars from glade areas. A collection permit was issued.

Date of Last Visit: 5/18/2009

Status:

ANHC and AGFC worked to address negative impacts from public use. Woody vegetation was reduced along the power line right-of-way and elsewhere in the fen.

Elements of Special Concern:

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

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

Acquisition Summary:

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

Roth Prairie Natural Area

County Name: Arkansas

Size (in acres): 41.066

Latitude: 34.45407

Longitude: -91.57699

Description:

Roth Prairie Natural Area is a tract of tallgrass prairie formerly managed for hay production. Grass species typical of tallgrass prairie dominate the site, such as big bluestem and Indiangrass. Prairie mounds occur across Roth Prairie, with some rising up to three feet in height. Prairie mounds are generally considered to be an indication that the prairie has never been plowed or leveled. Roth Prairie Natural Area represents one of the last few fragments of tallgrass prairie left in the Grand Prairie of eastern Arkansas (Mississippi Alluvial Plain). It has been estimated that, prior to settlement, the Grand Prairie contained approximately 320,000 acres of prairie. At present, less than 1% of the prairies that occurred across the Grand Prairie currently remain. Arkansas State University holds title to the land.

Access:

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

Management Plan:

The conservation vision is to work in conjunction with Arkansas State University to maintain the viability and associated biological diversity of a remnant tallgrass prairie in the Grand Prairie of eastern Arkansas. The Management Plan was updated and approved by the commission on 05/13/2009. It will be updated for Fiscal Year 2013.

Stewardship Activities:

ANHC staff conducted routine grounds maintenance activities including clearing invasive woody vegetation from around the entrance signs and maintaining the parking area. ANHC staff completed a box turtle survey noting the presence of an ornate box turtle. Staff also conducted a prescribed burn on 40 acres. Two collection permits were issued. The Management Plan was updated to reflect current status.

Date of Last Visit: 5/13/2009

Status:

Woody 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>Asclepias obovata</i> | savannah milkweed | Plant |
| <i>Calopogon oklahomensis</i> | Oklahoma grass-pink | Plant |
| <i>Carex opaca</i> | a caric sedge | Plant |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | Plant |
| <i>Gymnopogon brevifolius</i> | shortleaf skeletongrass | Plant |
| <i>Laphria vorax</i> | a robberfly | Animal |
| Lower Mississippi Alluvial Plain Grand Prairie | | Natural Community |
| <i>Oenothera pilosella ssp. sessilis</i> | prairie evening primrose | Plant |
| <i>Ophisaurus attenuatus attenuatus</i> | western slender glass lizard | Animal |
| <i>Pycnanthemum verticillatum</i> | Whorled Mountain-mint | Plant |
| <i>Sporobolus junceus</i> | pineywoods dropseed | Plant |
| <i>Terrapene ornata ornata</i> | ornate box turtle | Animal |

Acquisition Summary:

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

Saratoga Blackland Prairie Natural Area

County Name: Howard

Size (in acres): 66.3886

Latitude: 33.7579

Longitude: -93.91134

Description:

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

Access:

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

Management Plan:

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

Stewardship Activities:

ANHC staff conducted grounds maintenance activities and treated invasive white sweet clover and sericia lespedeza with an appropriate herbicide. ANHC staff also conducted plant inventory and monitoring for rare sedges. A collection permit was issued.

Date of Last Visit: 6/2/2009

Status:

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

Elements of Special Concern:

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

Acquisition Summary:

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

Searles Prairie Natural Area

County Name: Benton

Size (in acres): 10

Latitude: 36.3557

Longitude: -94.14364

Description:

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

Access:

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

Management Plan:

The conservation vision is to protect the biological diversity characteristic of a tallgrass prairie remnant on the Springfield Plateau of the Ozark Mountains. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

Stewardship Activities:

ANHC staff performed grounds maintenance activities including removing trash and repairing broken fence rails. TNC was contracted to develop a plant community monitoring report. ANHC staff conducted a prescribed burn on 10 acres and also met with the adjacent landowners to discuss management activities.

Date of Last Visit: 5/19/2009

Status:

The altered hydrology of the surrounding area is affecting a portion of the prairie. Inventory work documented one new tracked plant species. Invasive plant species were reduced and a prescribed burn was completed.

Elements of Special Concern:

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

Acquisition Summary:

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

Seven Devils Swamp Natural Area

County Name: Drew

Size (in acres): 1,076.26

Latitude: 33.57546

Longitude: -91.5789

Description:

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

Access:

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

Management Plan:

The conservation vision is to work in conjunction with the Arkansas Game and Fish Commission to protect and maintain a cypress-tupelo swamp and bottomland hardwood forest at the transition of the West Gulf Coastal Plain and Mississippi Alluvial Plain. The Management Plan was updated and approved by the commission on 05/13/2009. It will be updated for Fiscal Year 2013.

Stewardship Activities:

ANHC site inspections verified that the AGFC staff performed routine stewardship activities. ANHC staff reviewed the annual water management plan submitted by AGFC staff and approved the timing intervals of the process specified within the plan. A collection permit was issued. The Management Plan was updated to reflect current status.

Date of Last Visit: 1/12/2009

Status:

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

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|------------------------------------|---------------------|------------------------|
| Colonial nesting site, water birds | | other |
| <i>Hypericum nudiflorum</i> | early St. Johnswort | Plant |

Acquisition Summary:

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

Singer Forest Natural Area

County Name: Poinsett **Size (in acres):** 519.44 **Latitude:** 35.46299 **Longitude:** -90.54054

Description:

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

Access:

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

Management Plan:

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

Stewardship Activities:

ANHC conducted a Quality Circle Day fieldtrip to review management activities and verify that AGFC conducted routine grounds maintenance activities such as removing trash. ANHC staff noted a moderate amount of ice damage to the area as a result of winter storms. A collection permit was issued.

Date of Last Visit: 2/4/2009

Status:

Reports from AGFC site management staff noted a small amount of ice damage and no other problems.

Elements of Special Concern:

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

None Recorded

Acquisition Summary:

| Tract Name | Legal Interest | Appraised Value | Purchase Price | Date Acquired | Funding Source |
|------------|--|-----------------|----------------|---------------|----------------|
| Singer 1 | Conservation easement (AGFC holds fee title) | \$0.00 | \$0.00 | 8/30/1973 | Gift |

Slippery Hollow Natural Area

County Name: Marion

Size (in acres): 745.951

Latitude: 36.35608

Longitude: -92.77574

Description:

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

Access:

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

Management Plan:

The conservation vision is to maintain viable populations of target species (Ozark big-eared bat) and, as appropriate, other native plants and animals occurring within the site's natural communities. The Management Plan was updated and approved by the commission on 05/13/2009. It will be updated for Fiscal Year 2013.

Stewardship Activities:

In addition to ANHC staff conducting routine grounds maintenance activities and treating invasive periwinkle with an appropriate herbicide, ANHC staff also assessed a shared fence that was damaged during winter ice storms. AFC reported controlling a wildfire on the area. A collection permit was issued. The Management Plan was updated to reflect current status.

Date of Last Visit: 4/6/2009

Status:

Inventory work noted that the Ozark big-eared bat population is stable. Invasive plant species were reduced. AFC staff suppressed a small wildfire on the area.

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|---------------------------------------|-------------------------|------------------------|
| <i>Carex hitchcockiana</i> | Hitchcock's caric sedge | Plant |
| <i>Carex sparganioides</i> | a caric sedge | Plant |
| <i>Corynorhinus townsendii ingens</i> | Ozark big-eared bat | Animal |
| <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> |
|--------------------------|-----------------------|------------------------|-----------------------|----------------------|--|
| Slippery 1 (TNC/Hulbert) | Fee title | \$66,000.00 | \$51,031.88 | 6/19/1985 | State General Improvement Fund, Land and Water Conservation Fund |
| Slippery 2 (Boone) | Fee title | \$19,000.00 | \$18,000.00 | 12/15/1998 | Natural and Cultural Resources Council |
| Slippery 3 (Bell) | Fee title | \$67,000.00 | \$67,000.00 | 6/4/2002 | Natural and Cultural Resources Council |
| Slippery 4 (Reed Cave) | Fee title | \$182,750.00 | \$182,750.00 | 6/24/2004 | Natural and Cultural Resources Council |
| Slippery 5 (Tanner) | Fee title | \$85,000.00 | \$85,000.00 | 10/1/2007 | U.S. Fish and Wildlife Service Grant |
| Slippery 6 (Williams) | Fee title | \$120,000.00 | \$120,000.00 | 1/24/2008 | U.S. Fish and Wildlife Service Grant |

Smoke Hole Natural Area

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

Description:

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

Access:

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

Management Plan:

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

Stewardship Activities:

ANHC staff performed routine stewardship activities, maintained the boundaries, and removed invasive species.

Date of Last Visit: 4/23/2009

Status:

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

Elements of Special Concern:

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

Acquisition Summary:

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

Stateline Sand Ponds Natural Area

County Name: Clay

Size (in acres): 140

Latitude: 36.49176

Longitude: -90.60296

Description:

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

Access:

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

Management Plan:

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

Stewardship Activities:

ANHC staff performed routine stewardship activities such as boundary maintenance, and trash removal. ANHC staff also conducted monitoring following winter ice storms and noted that the areas had significant damage.

Date of Last Visit: 2/9/2009

Status:

Drainage on the area is impeded by a levee on adjacent land. Field assessments noted severe ice storm damage.

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>Leitneria floridana</i> | corkwood | Plant |
| <i>Lindera melissifolia</i> | pondberry | Plant |
| <i>Platanthera flava</i> var. <i>herbiola</i> | northern tubercled-orchid | Plant |
| <i>Platanthera peramoena</i> | purple fringeless-orchid | Plant |

Acquisition Summary:

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

Stone Road Glade Natural Area

County Name: Howard

Size (in acres): 108.23

Latitude: 34.08013

Longitude: -93.90407

Description:

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

Access:

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

Management Plan:

The conservation vision is to restore and maintain glade openings, blackland prairie, and savanna/woodland communities characteristic of the West Gulf Coastal Plain. The current Management Plan was approved by the Commission on 05/04/07. It is scheduled to be updated for Fiscal Year 2011.

Stewardship Activities:

ANHC staff performed routine stewardship activities including boundary maintenance and installation of a new entrance sign. TNC was contracted to conduct a prescribed burn on 108 acres and conduct plant community monitoring.

Date of Last Visit: 2/27/2009

Status:

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

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|---|-----------------------|------------------------|
| <i>Allium drummondii</i> | Drummond's wild onion | Plant |
| <i>Rhynchospora caduca</i> | falling beakrush | Plant |
| <i>Speyeria diana</i> | Diana | Animal |
| <i>Tetraopes quinquemaculatus</i> | a red milkweed beetle | Animal |
| West Gulf Coastal Plain Northern Calcareous Prairie | | Natural Community |

Acquisition Summary:

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

Striplin Woods Natural Area

County Name: Arkansas **Size (in acres):** 30.0139861 **Latitude:** 34.37072 **Longitude:** -91.12373

Description:

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

Access:

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

Management Plan:

The conservation vision is to work in conjunction with the U.S. Fish and Wildlife Service to protect representative bottomland and upland forest communities along the lower White River in the Mississippi Alluvial Plain of eastern Arkansas. The Management Plan was updated and approved by the commission on 02/05/2009. It will be updated for Fiscal Year 2013.

Stewardship Activities:

ANHC staff verified that staff from the White River National Wildlife Refuge continued to perform routine stewardship activities. The Management Plan was updated to reflect current status.

Date of Last Visit: 5/4/2009

Status:

USFWS staff 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 (USFWS holds fee title) | \$0.00 | \$0.00 | 12/18/1979 | Gift |

Sweden Creek Falls Natural Area

County Name: Madison

Size (in acres): 136.2

Latitude: 35.96919

Longitude: -93.45301

Description:

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

Access:

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

Management Plan:

The conservation vision is to protect and restore forest and glade communities characteristic of the Boston Mountains region of the Ozark Mountains, including an 80-foot waterfall with a diverse fern community. The Management Plan was updated and approved by the Commission on 05/21/2008. It will be updated for Fiscal Year 2012.

Stewardship Activities:

ANHC staff performed stewardship activities such as trail maintenance. Staff also periodically monitored for signs of recent artifact poaching and found none. ANHC staff conducted plant community monitoring. Two collection permits were issued.

Date of Last Visit: 5/18/2009

Status:

Monitoring revealed no evidence of elk poaching or artifact poaching. Field assessments noted no problems.

Elements of Special Concern:

| <u>Scientific Name</u> | <u>Common Name</u> | <u>Type of Element</u> |
|--|-----------------------|------------------------|
| <i>Asplenium pinnatifidum</i> | lobed spleenwort | Plant |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | Plant |
| <i>Eriocaulon koernickianum</i> | small-headed pipewort | Plant |
| Ozark-Ouachita Dry-Mesic Oak Forest | | Natural Community |
| <i>Rana sylvatica</i> | wood frog | Animal |

Acquisition Summary:

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

Swifton Sand Ponds Natural Area

County Name: Jackson

Size (in acres): 60

Latitude: 35.858

Longitude: -91.0999

Description:

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

Access:

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

Management Plan:

The conservation vision is to protect a complex of Mississippi Alluvial Plain sand pond wetlands and populations of associated species including the federally Endangered pondberry. A management plan is in the process of being written for Fiscal Year 2010.

Stewardship Activities:

ANHC staff conducted routine grounds maintenance activities such as posting of over one mile of boundary and also held a Quality Circle Day fieldtrip to review management activities. ANHC staff also reinstalled a gate and fencing that had been torn down.

Date of Last Visit: 6/11/2009

Status:

Initial plant inventory work reported large populations of the federally endangered pondberry. Public access was controlled by the installation of a gate and fencing. Field assessments noted moderate ice damage.

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:** 34.19167 **Longitude:** -91.96904

Description:

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

Access:

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

Management Plan:

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

Stewardship Activities:

ANHC staff conducted routine stewardship activities such as boundary and trail maintenance, and treated invasive privet with an appropriate herbicide. TNC was contracted to develop a prescribed burn plan for the area. A contractor removed beaver and associated dams.

Date of Last Visit: 1/22/2009

Status:

On-site monitoring documented the success of continued management practices in controlling targeted invasive species. Beaver impoundments have been removed and the water level is receding. Field assessments noted no problems.

Elements of Special Concern:

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

None Recorded

Acquisition Summary:

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

Terre Noire Natural Area

County Name: Clark **Size (in acres):** 493.04 **Latitude:** 34.08687 **Longitude:** -93.17376

Description:

Terre Noire Natural Area, located in the West Gulf Coastal Plain, is one of the highest-quality blackland prairies remaining in the state. The site is a mosaic of native herbaceous and woody vegetation, and includes little-grazed, high-quality prairie areas, a formerly grazed prairie of somewhat lower quality, and forested areas that illustrate the forest matrix within which the prairie openings existed in southwestern Arkansas. The Natural Heritage Commission and The Nature Conservancy share ownership in portions of this area.

Access:

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

Management Plan:

The conservation vision is to work in conjunction with The Nature Conservancy to maintain the natural ecosystem processes necessary to support blackland prairie plant communities characteristic of the West Gulf Coastal Plain. The Management Plan was updated and approved by the Commission on 05/04/07. It will be updated for Fiscal Year 2011.

Stewardship Activities:

ANHC staff conducted a Quality Circle Day fieldtrip to review management activities and assess potential acquisition targets. A field tour of the area was conducted as part of the May commission meeting. Grounds maintenance activities were conducted such as installing a new LWCF sign to the entrance sign and monitoring for plant poaching. Staff also conducted plant inventories and treatment of invasive species on seven acres. TNC conducted a prescribed burn on 170 acres. ANHC staff also met with a vendor to plan future removal of invasive eastern red cedars. A collection permit was issued.

Date of Last Visit: 6/22/2009

Status:

On-site monitoring noted the success of continued management practices in controlling invasive species. A new acquisition protects more blackland prairie habitat. A prescribed burn was conducted. 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>Astragalus crassicaarpus</i> var. <i>crassicaarpus</i> | a ground plum | Plant |
| <i>Diaperia prolifera</i> | rabbit tobacco | Plant |
| <i>Liatris compacta</i> | Ouachita blazing star | Plant |
| <i>Lithospermum incisum</i> | fringed puccoon | Plant |
| <i>Microstylum morosum</i> | giant prairie robber fly | Animal |
| <i>Minuartia drummondii</i> | a sandwort | Plant |
| <i>Scleria verticillata</i> | whorled nutsedge | Plant |
| <i>Speyeria diana</i> | Diana | Animal |
| <i>Spiranthes magnicamporum</i> | great plains ladies'-tresses | Plant |
| <i>Stenosiphon linifolius</i> | false gaura | Plant |
| <i>Tetraloniella albata</i> | white long-horned bee | Animal |
| West Gulf Coastal Plain Northern Calcareous Prairie | | Natural Community |

Acquisition Summary:

| Tract Name | Legal Interest | Appraised Value | Purchase Price | Date Acquired | Funding Source |
|-------------------|---|------------------------|-----------------------|----------------------|--|
| Terre Noire 1 | NHC has a 66% undivided interest and TNC has a 34% undivided interest in fee title. | \$76,000.00 | \$50,000.00 | 10/2/1991 | Natural and Cultural Resources Council |

| Tract Name | Legal Interest | Appraised Value | Purchase Price | Date Acquired | Funding Source |
|-------------------|-----------------------|------------------------|-----------------------|----------------------|---|
| Terre Noire 2 | Fee title | \$103,000.00 | \$103,000.00 | 6/23/2003 | Natural and Cultural Resources Council |
| Terre Noire 3 | Fee title | \$20,000.00 | \$20,000.00 | 6/23/2003 | Natural and Cultural Resources Council |
| Terre Noire 4 | Fee title | \$243,000.00 | \$243,000.00 | 10/10/2007 | Natural and Cultural Resources Council |
| 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):** 2,128.56 **Latitude:** 33.57861 **Longitude:** -91.98601

Description:

Warren Prairie Natural Area, located in the West Gulf Coastal Plain, consists of a mosaic of salt slick barrens, saline prairie, Delta post oak flatwoods, prairie mound woodlands, pine woodlands, and bottomland hardwood forest communities. Soils at the site, containing high amounts of sodium, appear to account for the sparse and irregular distribution of trees and the resultant dominance of grasses and other herbaceous vegetation. Stands of dwarf palmetto are distributed irregularly on the prairie and lend a tropical aspect to the area. The natural area provides critical habitat for the state's largest population of the federally threatened plant, *Geocarpon minimum*. The potential for Warren Prairie to serve as habitat for the federally endangered red-cockaded woodpecker is being examined. The Nature Conservancy owns property adjacent to the natural area.

Access:

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

Management Plan:

The conservation vision is to maintain a mosaic of plant communities, a representative saline soil ecosystem, and support the viability of the state's largest population of the federally threatened plant, *Geocarpon minimum*. The Management Plan was updated and approved by the commission on 05/13/2009. It will be updated for Fiscal Year 2013.

Stewardship Activities:

ANHC staff performed grounds maintenance activities including invasive plant species treatments on three acres. An ecological thinning project was continued on approximately 100 acres to improve habitat for RCWs. Staff also cleaned and maintained RCW nest cavities. TNC was contracted to conduct a prescribed burn on 130 acres, conduct plant community monitoring and control overstory sweetgum, maple and other hardwoods in the RCW area. ANHC staff conducted herpetological inventory and bird counts as part of a state wildlife grant. Audubon Arkansas staff was contracted to conduct invasive species treatments. Four collection permits were issued. The Management Plan was updated to reflect current status.

Date of Last Visit: 6/23/2009

Status:

Ecological restoration work improved pine flatwoods habitat structure. Field assessments noted the presence of invasive animal species.

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>Anthaenantia texana</i> | Kral's silkyscale | Plant |
| <i>Cladium jamaicense</i> | sawgrass | Plant |
| <i>Dichanthelium dichotomum var. roanokense</i> | forked rosette grass | Plant |
| <i>Dryopteris ludoviciana</i> | Louisiana 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>Krigia occidentalis</i> | western dwarf dandelion | Plant |
| <i>Prenanthes barbata</i> | barbed rattlesnake root | Plant |
| <i>Rana areolata circulosa</i> | northern crawfish frog | Animal |
| <i>Regina rigida sinicola</i> | gulf crayfish snake | Animal |
| <i>Rhynchospora colorata</i> | white top sedge | Plant |
| <i>Schoenolirion wrightii</i> | Texas sunnybells | Plant |
| <i>Spiranthes lacera var. lacera</i> | northern slender ladies'-tresses | Plant |
| <i>Sporobolus junceus</i> | pineywoods dropseed | Plant |
| <i>Symphotrichum pratense</i> | an aster | Plant |
| West Gulf Coastal Plain Saline Glade | | Natural Community |

Acquisition Summary:

| Tract Name | Legal Interest | Appraised Value | Purchase Price | Date Acquired | Funding Source |
|-----------------------------------|--|------------------------|-----------------------|----------------------|--|
| Warren Prairie 1 (Potlatch) | Fee title | \$217,000.00 | \$119,835.19 | 1/11/1983 | State General Improvement Fund, Federal Fund Balances |
| Warren Prairie 2 (GP) | Fee title | \$207,355.00 | \$207,250.00 | 1/9/1991 | Natural and Cultural Resources Council |
| Warren Prairie 3 (Potlatch) | Fee title | \$12,744.00 | \$7,060.00 | 2/6/1992 | Natural and Cultural Resources Council, Land Trade (2.53 acres valued at \$5,060.00) |
| Warren Prairie 4 (GP) | Fee title | \$303,991.61 | \$304,000.00 | 8/23/1994 | Natural and Cultural Resources Council |
| Warren Prairie 5 (GP) | Fee title | \$203,809.19 | \$212,000.00 | 10/12/1995 | Natural and Cultural Resources Council |
| Warren Prairie 6 (Owens) | Fee title | \$14,800.00 | \$14,700.00 | 9/13/2001 | Natural and Cultural Resources Council |
| Warren Prairie 7 (Potlatch) | Conservation easement (private landowner holds fee title) | \$133,000.00 | \$133,000.00 | 8/9/2003 | Natural and Cultural Resources Council, 1/8 Cent Conservation Tax |
| Warren Prairie 8 (Potlatch) | Fee title, and conservation Easement (Private landowner holds fee title) | \$206,000.00 | \$206,000.00 | 12/7/2004 | U.S. Fish and Wildlife Service Grant |
| Warren Prairie 9 (Plum Creek 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 |
| Warren Prairie 10 (Searcy) | Fee title | \$74,600.00 | \$74,600.00 | 5/15/2006 | U.S. Fish and Wildlife Service Grant |
| Warren Prairie 11 (Deltic) | Fee title | \$146,000.00 | \$146,000.00 | 7/3/2007 | U.S. Fish and Wildlife Service Grant, Natural and Cultural Resources Council |

White Cliffs Natural Area

County Name: Little River

Size (in acres): 573

Latitude: 33.76655

Longitude: -94.05895

Description:

White Cliffs, located in the West Gulf Coastal Plain, possesses significant ecological, historic, and archeological features. On an outcrop of Annona Chalk of Cretaceous age, it takes its name from the 100-foot, near-vertical cliff carved into that chalk by the Little River. A continuum of plant communities reflects a range of elevations at the site from the floodplain to the ridgetop. White Cliffs Natural Area is the site of the largest, and least disturbed, Arkansas occurrences of chalk woodland. This community type is unusual for Arkansas as it is more typical of vegetation found on the Edwards Plateau of Texas. The area is also of historic significance as it is the site of a late 19th century settlement. The crumbling remains of foundations mark the locations of several structures.

Access:

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

Management Plan:

The conservation vision is to protect and maintain an extensive West Gulf Coastal Plain Annona Chalk outcrop, its associated plant communities, and the adjoining continuum of Blackland forest and prairie plant communities. The Management Plan was updated and approved by the Commission on 05/21/08. It will be updated for Fiscal Year 2012.

Stewardship Activities:

ANHC staff conducted routine stewardship activities, performed trail maintenance, and maintained boundaries. A contractor monitored public access, opened and closed the gate daily, and removed trash. TNC was contracted to conduct prescribed burning on 400 acres. ECO was contracted to install one-quarter of fencing to block unauthorized vehicle access. A collection permit was issued.

Date of Last Visit: 5/19/2009

Status:

Active public use continues. The area flooded deeper and for a longer duration than normal. ATV access was eliminated. 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 crassicaarpus</i> var. <i>crassicaarpus</i> | a ground plum | Plant |
| <i>Astragalus nuttallianus</i> var. <i>nuttallianus</i> | Nuttall's milkvetch | Plant |
| <i>Diaperia prolifera</i> | rabbit tobacco | Plant |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | Animal |
| <i>Hexalectris spicata</i> var. <i>spicata</i> | crested coralroot | Plant |
| <i>Indigofera miniata</i> var. <i>leptosepala</i> | scarlet pea | Plant |
| Juniperus ashei Dry Chalk Outcrop Woodland | | Natural Community |
| <i>Liatis squarrosa</i> var. <i>squarrosa</i> | loosescall gayfeather | Plant |
| <i>Nemastylis geminiflora</i> | celestial lily | Plant |
| <i>Oenothera spachiana</i> | an evening primrose | Plant |
| <i>Penstemon cobaea</i> | showy beard-tongue | Plant |
| <i>Physaria gracilis</i> ssp. <i>gracilis</i> | a bladderpod | Plant |
| <i>Quercus sinuata</i> | Durand's white oak | Plant |
| <i>Ruellia humilis</i> var. <i>depauperata</i> | a wild petunia | Plant |
| <i>Stenosiphon linifolius</i> | false gaura | Plant |
| <i>Tetraopes quinque-maculatus</i> | a red milkweed beetle | Animal |
| <i>Zephyranthes chlorosolen</i> | rain lily | Plant |

Acquisition Summary:

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

Wittsburg Natural Area

County Name: Cross

Size (in acres): 167.65

Latitude:

Longitude:

Description:

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

Access:

There is no public access to this natural area.

Management Plan:

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

Stewardship Activities:

ANHC staff met with adjacent landowners and also conducted periodic grounds maintenance activities and installed a new entrance sign. TNC was contracted to develop a prescribed burn plan for the area.

Date of Last Visit: 5/20/2009

Status:

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

Elements of Special Concern:

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

Acquisition Summary:

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

Registry of Natural Areas

Arkansas Code Annotated §15-20-308 directs the Arkansas Natural Heritage Commission (ANHC) to maintain a registry or inventory of lands and waters in the state that are of significant scientific, educational, and/or recreational interest. The first registry items were sites identified as significant for their primeval character. The methodologies of the registry changed over time, as officially recorded in the minutes of commission action. Until October 13, 2000, the registry consisted of more than 50 areas not owned by the ANHC and tracts of land within the System of Natural Areas that had not been officially dedicated for perpetuity.

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

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

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



Eastern hay-scented fern
Dennstaedtia punctilobula

Arkansas Counties



Alphabetical List of Arkansas Counties

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LEGEND

STATUS CODES

FEDERAL STATUS CODES

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

STATE STATUS CODES

- INV = Inventory Element; The Arkansas Natural Heritage Commission is currently conducting active inventory work on these elements. Available data suggests these elements are of conservation concern. These elements may include outstanding examples of Natural Communities, colonial bird nesting sites, outstanding geologic features as well as plants and animals, which, according to current information, may be rare, peripheral, or of an undetermined status in the state. The ANHC is gathering detailed location information on these elements.
- SE = State Endangered; this is an administrative designation applied by the Arkansas Natural Heritage Commission to native plant taxa which are in danger of being extirpated from the state.
- ST = State Threatened; this is an administrative designation applied by the Arkansas Natural Heritage Commission to native plant taxa which are believed likely to become endangered in Arkansas in the foreseeable future, based on current inventory information.

DEFINITION OF RANKS

Global Ranks

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

State Ranks

- S1 = Critically imperiled in the state due to extreme rarity (often 5 or fewer populations), very steep declines, or other factors making it vulnerable to extirpation.

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

General Ranking Notes

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

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Cicindela hirticollis</i> | beach-dune tiger beetle | - | INV | G5 | S2S3 |
| <i>Cicindela lepida</i> | little white tiger beetle | - | INV | G3G4 | S2S3 |
| <i>Cicindela unipunctata</i> | woodland tiger beetle | - | INV | G4G5 | S2 |
| <i>Gryllotalpa major</i> | prairie mole cricket | - | INV | G3 | S1S2 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Laphria vorax</i> | a robberfly | - | INV | GNR | S1 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Lirceus louisianae</i> | an isopod | - | INV | GNR | S1 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| <i>Obovaria olivaria</i> | hickorynut | - | INV | G4 | S3 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| Animals-Vertebrates | | | | | |
| <i>Atractosteus spatula</i> | alligator gar | - | INV | G3G4 | S2? |
| <i>Cistothorus platensis</i> | Sedge Wren | - | INV | G5 | S1B,S4N |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Cycleptus elongatus</i> | blue sucker | - | INV | G3G4 | S2 |
| <i>Elanoides forficatus forficatus</i> | Swallow-tailed Kite | - | INV | G5TNR | SNR |
| <i>Erimyzon sucetta</i> | lake chubsucker | - | INV | G5 | S2? |
| <i>Etheostoma fusiforme</i> | swamp darter | - | INV | G5 | S2? |
| <i>Gallinula chloropus</i> | Common Moorhen | - | INV | G5 | S1B,S2N |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hiodon alosoides</i> | goldeye | - | INV | G5 | S2? |
| <i>Lampetra appendix</i> | American brook lamprey | - | INV | G4 | S2? |
| <i>Lampropeltis triangulum amaura</i> | Louisiana milk snake | - | INV | G5T4 | S3 |
| <i>Lasiurus seminolus</i> | Seminole bat | - | INV | G5 | S3 |
| <i>Limnothlypis swainsonii</i> | Swainson's Warbler | - | INV | G4 | S3B |
| <i>Moxostoma pisolabrum</i> | pealip redhorse | - | INV | G5 | S2? |
| <i>Mugil cephalus</i> | striped mullet | - | INV | G5 | S1? |
| <i>Nerodia cyclopion</i> | Mississippi green water snake | - | INV | G5 | S3 |
| <i>Notropis maculatus</i> | taillight shiner | - | INV | G5 | S3 |
| <i>Notropis sabiniae</i> | sabine shiner | - | INV | G4 | S2? |
| <i>Ophisaurus attenuatus attenuatus</i> | western slender glass lizard | - | INV | G5T5 | S3 |
| <i>Polyodon spathula</i> | paddlefish | - | INV | G4 | S2? |
| <i>Porphyrio martinica</i> | Purple Gallinule | - | INV | G5 | S1B |
| <i>Regina grahamii</i> | Graham's crayfish snake | - | INV | G5 | S2 |
| <i>Riparia riparia</i> | Bank Swallow | - | INV | G5 | S2B,S3N |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| <i>Terrapene ornata ornata</i> | ornate box turtle | - | INV | G5T5 | S2 |
| <i>Thryomanes bewickii</i> | Bewick's Wren | - | INV | G5 | S2B,S3N |

Arkansas County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|---------------------------|----------------|--------------|-------------|------------|
| Plants-Vascular | | | | | |
| <i>Asclepias obovata</i> | savannah milkweed | - | INV | G5? | S2 |
| <i>Callirhoe bushii</i> | Bush's poppy mallow | - | INV | G3 | S3 |
| <i>Calopogon oklahomensis</i> | Oklahoma grass-pink | - | INV | G4? | S2 |
| <i>Carex opaca</i> | a caric sedge | - | SE | G5T4 | S2S3 |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | - | INV | G3G4 | S3 |
| <i>Eustoma exaltatum</i> ssp. <i>exaltatum</i> | catchfly prairie gentian | - | INV | G5T4T5 | S2 |
| <i>Gymnopogon brevifolius</i> | shortleaf skeletongrass | - | INV | G5 | S2 |
| <i>Leitneria floridana</i> | corkwood | - | INV | G3 | S3 |
| <i>Lilium superbum</i> | turk's-cap lily | - | INV | G5 | S1 |
| <i>Nemastylis geminiflora</i> | celestial lily | - | INV | G4 | S3 |
| <i>Oenothera pilosella</i> ssp. <i>sessilis</i> | prairie evening primrose | - | ST | G5T2 | S2 |
| <i>Platanthera flava</i> var. <i>flava</i> | southern tuberclad-orchid | - | ST | G4?T4?Q | S2S3 |
| <i>Platanthera nivea</i> | snowy orchid | - | SE | G5 | SH |
| <i>Pycnanthemum verticillatum</i> | Whorled Mountain-mint | - | INV | G5 | S1 |
| <i>Sporobolus junceus</i> | pineywoods dropseed | - | ST | G5 | S1S2 |
| <i>Thalictrum arkansanum</i> | Arkansas meadow rue | - | ST | G2Q | S2 |
| Special Elements-Natural Communities | | | | | |
| Lower Mississippi Alluvial Plain Grand Prairie | | - | INV | GNR | SNR |
| Mississippi River Low Floodplain (Bottomland) Forest | | - | INV | GNR | SNR |
| Mississippi River Riparian Forest | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Colonial nesting site, swallows & swifts | | - | INV | GNR | SNR |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---------------------------------------|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Cicindela lepida</i> | little white tiger beetle | - | INV | G3G4 | S2S3 |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Lampsilis ornata</i> | southern pocketbook | - | INV | G5 | S1 |
| <i>Lampsilis satura</i> | sandbank pocketbook | - | INV | G2 | S2 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Pleurobema cordatum</i> | Ohio pigtoe | - | INV | G4 | S1 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula fragosa</i> | winged mapleleaf | LE | INV | G1 | S1 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Uniomerus declivis</i> | tapered pondhorn | - | INV | G5Q | S2 |
| <i>Uniomerus tetralasmus</i> | pondhorn | - | INV | G5 | S2 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma talpoideum</i> | mole salamander | - | INV | G5 | S3 |
| <i>Ammocrypta clara</i> | western sand darter | - | INV | G3 | S2? |
| <i>Ammodramus henslowii</i> | Henslow's Sparrow | - | INV | G4 | S1B,S2N |
| <i>Chrysemys picta dorsalis</i> | southern painted turtle | - | INV | G5 | S3 |
| <i>Coluber constrictor anthicus</i> | buttermilk racer | - | INV | G5T4 | S3 |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Crystallaria asprella</i> | crystal darter | - | INV | G3 | S2? |
| <i>Erimyzon sucetta</i> | lake chubsucker | - | INV | G5 | S2? |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Lampropeltis triangulum amaura</i> | Louisiana milk snake | - | INV | G5T4 | S3 |
| <i>Myotis austroriparius</i> | southeastern myotis | - | INV | G3G4 | S3 |
| <i>Nerodia cyclopion</i> | Mississippi green water snake | - | INV | G5 | S3 |
| <i>Notropis maculatus</i> | taillight shiner | - | INV | G5 | S3 |
| <i>Notropis perpallidus</i> | peppered shiner | - | INV | G3 | S2 |
| <i>Percina uranidea</i> | stargazing darter | - | INV | G3 | S3 |
| <i>Picoides borealis</i> | Red-cockaded Woodpecker | LE | INV | G3 | S2 |
| <i>Pteronotropis hubbsi</i> | bluehead shiner | - | INV | G3 | S3 |
| <i>Regina rigida sinicola</i> | gulf crayfish snake | - | INV | G5T5 | S3 |
| Plants-Vascular | | | | | |
| <i>Aletris aurea</i> | golden colicroot | - | INV | G5 | S1S2 |
| <i>Asclepias obovata</i> | savannah milkweed | - | INV | G5? | S2 |
| <i>Calopogon oklahomensis</i> | Oklahoma grass-pink | - | INV | G4? | S2 |
| <i>Carex glaucescens</i> | a caric sedge | - | INV | G4 | S1 |
| <i>Carex leptalea var. harperi</i> | threadstem caric sedge | - | INV | G5T4T5 | S2S3 |
| <i>Coelorachis rugosa</i> | wrinkled jointgrass | - | INV | G5 | S2 |
| <i>Crataegus brachyacantha</i> | blueberry hawthorn | - | INV | G4 | S2 |

Ashley County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|---------------------------|----------------|--------------|-------------|------------|
| <i>Didiplis diandra</i> | water purslane | - | INV | G5 | S1S3 |
| <i>Eryngium integrifolium</i> | blue-flowered eryngo | - | INV | G5 | S2 |
| <i>Gratiola brevifolia</i> | sticky hedge-hyssop | - | INV | G4 | S3 |
| <i>Hypericum denticulatum</i> | coppery St. Johnswort | - | INV | G5 | S1 |
| <i>Hypericum nudiflorum</i> | early St. Johnswort | - | INV | G5 | S1S2 |
| <i>Ilex verticillata</i> | winterberry holly | - | ST | G5 | S2 |
| <i>Krigia occidentalis</i> | western dwarf dandelion | - | INV | G5 | S3 |
| <i>Lindera melissifolia</i> | pondberry | LE | SE | G2G3 | S2 |
| <i>Mitreola sessilifolia</i> | swamp hornpod | - | INV | G4G5 | S2 |
| <i>Oenothera pilosella ssp. sessilis</i> | prairie evening primrose | - | ST | G5T2 | S2 |
| <i>Platanthera flava var. flava</i> | southern tubercled-orchid | - | ST | G4?T4?Q | S2S3 |
| <i>Polygala nana</i> | bachelor's button | - | INV | G5 | S2S3 |
| <i>Saxifraga virginiana</i> | early saxifrage | - | INV | G5 | S3 |
| <i>Schoenolirion wrightii</i> | Texas sunnysbells | - | ST | G3 | S2S3 |
| <i>Seymeria cassioides</i> | seymeria | - | INV | G5 | S1 |
| <i>Sporobolus pyramidatus</i> | whorled dropseed | - | ST | G5 | S2 |
| <i>Stylisma aquatica</i> | water dawnflower | - | INV | G4 | S1S2 |

Special Elements-Natural Communities

| | | | | |
|---|---|-----|-----|-----|
| Lower Mississippi Alluvial Plain Grand Prairie | - | INV | GNR | SNR |
| Lowland pine-oak forest | - | INV | GNR | S1 |
| West Gulf Coastal Plain Large River Floodplain Forest | - | INV | GNR | SNR |
| West Gulf Coastal Plain Lowland Sand Prairie | - | INV | GNR | SNR |
| West Gulf Coastal Plain Mesic Hardwood Forest | - | INV | GNR | SNR |
| West Gulf Coastal Plain Saline Glade | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Arrhopalites clarus</i> | a springtail | - | INV | G4 | S1S2 |
| <i>Caecidotea dimorpha</i> | an Isopod | - | INV | G2G3 | S2 |
| <i>Caecidotea stiladactyla</i> | an Isopod | - | INV | G3G4 | S3 |
| <i>Epioblasma triquetra</i> | snuffbox | - | INV | G3 | S1 |
| <i>Gastrocopta rogersensis</i> | a land snail | - | INV | G3G4 | S2 |
| <i>Heterosternuta sulphuria</i> | Sulphur Springs diving beetle | - | INV | G1? | S1? |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Orconectes neglectus chaenodactylus</i> | ringed crayfish | - | INV | G5T3 | S2 |
| <i>Somatogyrus crassilabris</i> | thickclipped pebblesnail | - | INV | GX | SX |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma annulatum</i> | ringed salamander | - | INV | G4 | S3 |
| <i>Carphophis amoenus helenae</i> | midwest worm snake | - | INV | G5T5 | S2 |
| <i>Crotaphytus collaris</i> | eastern collared lizard | - | INV | G5 | S3 |
| <i>Cryptobranchus alleganiensis bishopi</i> | Ozark Hellbender | C | INV | G3G4T2Q | S2 |
| <i>Cyprinella camura</i> | blunface shiner | - | INV | G5 | SH |
| <i>Erimystax harryi</i> | Ozark chub | - | INV | G3G4Q | S3S4 |
| <i>Eurycea spelaea</i> | grotto salamander | - | INV | G4 | S3 |
| <i>Eurycea tynnerensis</i> | Oklahoma salamander | - | INV | G3 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Lampetra appendix</i> | American brook lamprey | - | INV | G4 | S2? |
| <i>Myotis grisescens</i> | gray myotis | LE | INV | G3 | S2S3 |
| <i>Notropis ozarcanus</i> | Ozark shiner | - | INV | G3 | S2 |
| <i>Pantherophis emoryi</i> | Great Plains rat snake | - | INV | G5 | S3 |
| <i>Plethodon angusticlavius</i> | Ozark zigzag salamander | - | INV | G4 | S3 |
| <i>Rana sylvatica</i> | wood frog | - | INV | G5 | S3 |
| <i>Scaphiopus holbrookii</i> | eastern spadefoot | - | INV | G5 | S2 |
| <i>Typhlichthys subterraneus</i> | southern cavefish | - | INV | G3G4 | S1 |
| Plants-Vascular | | | | | |
| <i>Acalypha deamii</i> | Deam's copperleaf | - | INV | G4? | S1 |
| <i>Arabis shortii</i> var. <i>shortii</i> | Short's rockcress | - | INV | G5T5 | S1 |
| <i>Argyrochosma dealbata</i> | powdery cloak fern | - | INV | G4G5 | S2 |
| <i>Arnoglossum reniforme</i> | great Indian plantain | - | INV | G4 | S2 |
| <i>Brickellia grandiflora</i> | tassel flower | - | INV | G5 | S2 |
| <i>Carex arkansana</i> | Arkansas caric sedge | - | INV | G4 | S1 |
| <i>Carex careyana</i> | Carey's caric sedge | - | INV | G4G5 | S3 |
| <i>Carex davisii</i> | Davis' caric sedge | - | INV | G4 | S3 |
| <i>Carex gracillima</i> | graceful caric sedge | - | INV | G5 | S1 |
| <i>Carex gravida</i> | a caric sedge | - | INV | G5 | S2S3 |
| <i>Carex hirtifolia</i> | a caric sedge | - | INV | G5 | S3 |
| <i>Carex hitchcockiana</i> | Hitchcock's caric sedge | - | INV | G5 | S1S2 |
| <i>Carex leptalea</i> var. <i>harperi</i> | threadstem caric sedge | - | INV | G5T4T5 | S2S3 |
| <i>Carex mesochorea</i> | a caric sedge | - | INV | G4G5 | S2 |
| <i>Carex shortiana</i> | Short's caric sedge | - | INV | G5 | S2 |

Baxter County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|--------------------------|-----------------------|---------------------|--------------------|-------------------|
| <i>Carex sparganioides</i> | a caric sedge | - | INV | G5 | S3 |
| <i>Carex suberecta</i> | a caric sedge | - | INV | G4 | S2 |
| <i>Carex timida</i> | a caric sedge | - | INV | G2G3 | S2S3 |
| <i>Castanea pumila</i> var. <i>ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Cheilanthes eatonii</i> | Eaton's lip fern | - | INV | G5? | SH |
| <i>Cypripedium reginae</i> | showy lady's-slipper | - | SE | G4 | S1 |
| <i>Delphinium treleasei</i> | Trelease's larkspur | - | INV | G3 | S3 |
| <i>Diphasiastrum digitatum</i> | southern running-pine | - | INV | G5 | S1S2 |
| <i>Dryopteris celsa</i> | log fern | - | INV | G4 | S2 |
| <i>Dryopteris goldiana</i> | giant wood fern | - | INV | G4 | S1 |
| <i>Dryopteris x australis</i> | southern hybrid log fern | - | INV | GNA | S1 |
| <i>Dryopteris x leedsii</i> | Leed's hybrid log fern | - | INV | GNA | S1 |
| <i>Echinacea paradoxa</i> var. <i>paradoxa</i> | Bush's yellow coneflower | - | ST | G2T2 | S2 |
| <i>Elymus churchii</i> | Church's wild rye | - | INV | G2G3 | S2? |
| <i>Euonymus obovatus</i> | running strawberry bush | - | INV | G5 | S3 |
| <i>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 club-moss | - | INV | G5 | S2S3 |
| <i>Juglans cinerea</i> | butternut | - | INV | G4 | S3 |
| <i>Leavenworthia uniflora</i> | glade cress | - | INV | G4 | S3 |
| <i>Melanthium woodii</i> | false hellebore | - | INV | G5 | S3 |
| <i>Mentha arvensis</i> | field mint | - | INV | G5 | S1 |
| <i>Mimulus ringens</i> var. <i>ringens</i> | monkey flower | - | INV | G5T5 | S1S2 |
| <i>Mitella diphylla</i> | two-leaf bishop's cap | - | INV | G5 | S2 |
| <i>Pedimelum esculentum</i> | prairie turnip | - | INV | G5 | S2 |
| <i>Penstemon cobaea</i> | showy beard-tongue | - | INV | G4 | S3 |
| <i>Phacelia gilioides</i> | hairy scorpionweed | - | INV | G5 | S2S3 |
| <i>Plantago cordata</i> | heartleaf plantain | - | ST | G4 | S2 |
| <i>Prenanthes crepidinea</i> | nodding rattlesnake-root | - | INV | G4 | S1 |
| <i>Ranunculus aquatilis</i> var. <i>diffusus</i> | white water crowfoot | - | INV | G5T5 | S2S3 |
| <i>Rhynchospora capillacea</i> | capillary beakrush | - | INV | G4 | S2 |
| <i>Scutellaria bushii</i> | Bush's skullcap | - | ST | G3 | S2 |
| <i>Silene ovata</i> | ovate-leaved catchfly | - | ST | G3 | S3 |
| <i>Solidago ptarmicoides</i> | white-flowered goldenrod | - | INV | G5 | S1S2 |
| <i>Spiranthes lucida</i> | shining ladies'-tresses | - | INV | G5 | S2 |
| <i>Stenosiphon linifolius</i> | false gaura | - | ST | G5 | S1 |
| <i>Stylophorum diphyllum</i> | celandine poppy | - | INV | G5 | S3 |
| <i>Tradescantia ozarkana</i> | Ozark spiderwort | - | INV | G3 | S3 |
| <i>Valerianella ozarkana</i> | Ozark cornsalad | - | INV | G3 | S3 |
| <i>Viola canadensis</i> var. <i>canadensis</i> | Canada violet | - | INV | G5T5 | S2 |
| <i>Zannichellia palustris</i> | horned pondweed | - | INV | G5 | S2S3 |

Special Elements-Natural Communities

Central Interior Highlands Calcareous Glade and Barrens - INV GNR SNR

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

Special Elements-Other

Colonial nesting site, water birds - INV GNR SNR

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|-------------------------------------|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Caecidotea ancyla</i> | an Isopod | - | INV | G3G4 | S2 |
| <i>Caecidotea steevesi</i> | an Isopod | - | INV | G3G4 | S1 |
| <i>Caecidotea stiladactyla</i> | an Isopod | - | INV | G3G4 | S3 |
| <i>Cambarus aculabrum</i> | a crayfish | LE | INV | G1 | S1 |
| <i>Cambarus setosus</i> | bristly cave crayfish | - | INV | G3 | S1 |
| <i>Crosbyella roeweri</i> | a cave obligate harvestman | - | INV | G1G2 | S1 |
| <i>Gastrocopta rogersensis</i> | a land snail | - | INV | G3G4 | S2 |
| <i>Gryllotalpa major</i> | prairie mole cricket | - | INV | G3 | S1S2 |
| <i>Heterosternuta sulphurica</i> | Sulphur Springs diving beetle | - | INV | G1? | S1? |
| <i>Lampsilis rafinesqueana</i> | Neosho mucket | C | INV | G2 | S1 |
| <i>Lampsilis siliquoidea</i> | fatmucket | - | INV | G5 | S3 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligidium elrodii</i> | an isopod | - | INV | G4G5 | S2 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| <i>Nicrophorus americanus</i> | American burying beetle | LE | INV | G2G3 | S1 |
| <i>Orconectes meeki brevis</i> | a crayfish | - | INV | G4T3 | S1 |
| <i>Orconectes nana</i> | a crayfish | - | INV | G3 | S2 |
| <i>Ptychobranchius occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Speyeria idalia</i> | Regal Fritillary | - | INV | G3 | S1 |
| <i>Stygobromus ozarkensis</i> | Ozark cave amphipod | - | INV | G4 | S1 |
| <i>Trigenotyia parca</i> | a cave obligate millipede | - | INV | G1G2 | S1 |
| <i>Venustaconcha ellipsiformis</i> | ellipse | - | INV | G4 | S1 |
| <i>Villosa iris</i> | rainbow | - | INV | G5Q | S2S3 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Amblyopsis rosae</i> | Ozark cavefish | LT | INV | G3 | S1 |
| <i>Ambystoma annulatum</i> | ringed salamander | - | INV | G4 | S3 |
| <i>Cistothorus platensis</i> | Sedge Wren | - | INV | G5 | S1B,S4N |
| <i>Crotaphytus collaris</i> | eastern collared lizard | - | INV | G5 | S3 |
| <i>Etheostoma cragini</i> | Arkansas darter | C | INV | G3G4 | S1 |
| <i>Etheostoma microperca</i> | least darter | - | INV | G5 | S1 |
| <i>Eumeces obsoletus</i> | Great Plains skink | - | INV | G5 | S1 |
| <i>Eurycea spelaea</i> | grotto salamander | - | INV | G4 | S3 |
| <i>Eurycea tynerensis</i> | Oklahoma salamander | - | INV | G3 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Lepus californicus</i> | black-tailed jackrabbit | - | INV | G5 | S1S2 |
| <i>Myotis grisescens</i> | gray myotis | LE | INV | G3 | S2S3 |
| <i>Myotis sodalis</i> | Indiana bat | LE | INV | G2 | S1 |
| <i>Nocomis asper</i> | redspot chub | - | INV | G4 | S2? |
| <i>Percina nasuta</i> | longnose darter | - | INV | G3 | S2 |
| <i>Percina phoxocephala</i> | slenderhead darter | - | INV | G5 | S2 |

Benton County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|----------------------------|-----------------------|---------------------|--------------------|-------------------|
| <i>Plethodon angusticlavius</i> | Ozark zigzag salamander | - | INV | G4 | S3 |
| <i>Rana sylvatica</i> | wood frog | - | INV | G5 | S3 |
| <i>Reithrodontomys montanus</i> | plains harvest mouse | - | INV | G5 | S1 |
| <i>Sonora semiannulata</i> | ground snake | - | INV | G5 | SH |
| <i>Sorex longirostris</i> | southeastern shrew | - | INV | G5 | S2 |
| <i>Terrapene ornata ornata</i> | ornate box turtle | - | INV | G5T5 | S2 |
| <i>Thryomanes bewickii</i> | Bewick's Wren | - | INV | G5 | S2B,S3N |
| Plants-Vascular | | | | | |
| <i>Acer saccharum var. nigrum</i> | black maple | - | INV | G5 | S1S2 |
| <i>Amorpha canescens</i> | leadplant | - | 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>Arnoglossum reniforme</i> | great Indian plantain | - | INV | G4 | S2 |
| <i>Asclepias incarnata ssp. incarnata</i> | northern swamp milkweed | - | INV | G5T5 | S2 |
| <i>Asplenium pinnatifidum</i> | lobed spleenwort | - | INV | G4 | S3 |
| <i>Asplenium x kentuckiense</i> | Kentucky hybrid spleenwort | - | INV | GNA | SH |
| <i>Bromus nottowayanus</i> | satin brome | - | INV | G3G5 | S2 |
| <i>Callirhoe bushii</i> | Bush's poppy mallow | - | INV | G3 | S3 |
| <i>Calopogon oklahomensis</i> | Oklahoma grass-pink | - | INV | G4? | S2 |
| <i>Camassia angusta</i> | wild hyacinth | - | INV | G5?Q | S2S3 |
| <i>Carex aggregata</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex buxbaumii</i> | Buxbaum's caric sedge | - | INV | G5 | S1 |
| <i>Carex conjuncta</i> | a caric sedge | - | INV | G4G5 | S1 |
| <i>Carex conoidea</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex davisii</i> | Davis' caric sedge | - | INV | G4 | S3 |
| <i>Carex mesochorea</i> | a caric sedge | - | INV | G4G5 | S2 |
| <i>Carex opaca</i> | a caric sedge | - | SE | G5T4 | S2S3 |
| <i>Carex pellita</i> | a caric sedge | - | INV | G5 | SH |
| <i>Carex prasina</i> | drooping caric sedge | - | INV | G4 | SH |
| <i>Carex scoparia var. scoparia</i> | a caric sedge | - | INV | G5T5 | S1S2 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Caulophyllum thalictroides</i> | blue cohosh | - | INV | G4G5 | S2 |
| <i>Collinsia verna</i> | blue-eyed Mary | - | INV | G5 | S1 |
| <i>Delphinium treleasei</i> | Trelease's larkspur | - | INV | G3 | S3 |
| <i>Desmodium illinoense</i> | Illinois tick trefoil | - | INV | G5 | S2 |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | - | INV | G3G4 | S3 |
| <i>Eriocaulon koernickianum</i> | small-headed pipewort | - | SE | G2 | S2 |
| <i>Erysimum capitatum var. capitatum</i> | western wallflower | - | INV | G5T5 | S2 |
| <i>Eurybia furcata</i> | forked wood aster | - | ST | G3 | SH |
| <i>Gentiana puberulenta</i> | downy gentian | - | INV | G4G5 | S2 |
| <i>Heuchera villosa var. arkansana</i> | Arkansas alumroot | - | INV | G5T3Q | S3 |
| <i>Melanthium woodii</i> | false hellebore | - | INV | G5 | S3 |
| <i>Muhlenbergia bushii</i> | nodding muhly | - | INV | G5 | S2 |
| <i>Nemastylis nuttallii</i> | Nuttall's pleat-leaf | - | INV | G4 | S2 |
| <i>Phacelia purshii</i> | Miami-mist | - | INV | G5 | S1 |
| <i>Phlox bifida</i> | sand phlox | - | INV | G5? | S3 |
| <i>Photinia melanocarpa</i> | black chokeberry | - | INV | G5 | S1 |
| <i>Scleria muehlenbergii</i> | Muhlenberg's nutsedge | - | INV | G5 | S1S2 |
| <i>Silene ovata</i> | ovate-leaved catchfly | - | ST | G3 | S3 |
| <i>Silene regia</i> | royal catchfly | - | ST | G3 | S2 |

Benton County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|--------------------------|-----------------------|---------------------|--------------------|-------------------|
| <i>Solidago ptarmicoides</i> | white-flowered goldenrod | - | INV | G5 | S1S2 |
| <i>Stenanthium gramineum</i> | featherbells | - | INV | G4G5 | S3 |
| <i>Symphotrichum sericeum</i> | silky aster | - | INV | G5 | S2 |
| <i>Tradescantia ozarkana</i> | Ozark spiderwort | - | INV | G3 | S3 |
| <i>Trillium pusillum</i> var. <i>ozarkanum</i> | Ozark least trillium | - | INV | G3T3 | S3 |
| <i>Ulmus thomasii</i> | rock elm | - | INV | G5 | S2 |
| <i>Valerianella ozarkana</i> | Ozark cornsalad | - | INV | G3 | S3 |
| Special Elements-Natural Communities | | | | | |
| Cave Stream | | - | INV | GNR | SNR |
| Ozark Prairie and Woodland | | - | INV | GNR | SNR |
| Spring-Ozark Mountains | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |
| Geological feature | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Arrhopalites clarus</i> | a springtail | - | INV | G4 | S1S2 |
| <i>Bombus fervidus</i> | golden northern bumblebee | - | INV | GNR | S1 |
| <i>Caecidotea ancyla</i> | an Isopod | - | INV | G3G4 | S2 |
| <i>Caecidotea stiladactyla</i> | an Isopod | - | INV | G3G4 | S3 |
| <i>Cicindela duodecimguttata</i> | twelve-spotted tiger beetle | - | INV | G5 | S3S4 |
| <i>Crosbyella distincta</i> | a cave obligate harvestman | - | INV | G1G2 | S1 |
| <i>Gastrocopta rogersensis</i> | a land snail | - | INV | G3G4 | S2 |
| <i>Gryllotalpa major</i> | prairie mole cricket | - | INV | G3 | S1S2 |
| <i>Heterosternuta sulphurica</i> | Sulphur Springs diving beetle | - | INV | G1? | S1? |
| <i>Laphria vorax</i> | a robberfly | - | INV | GNR | S1 |
| <i>Lirceus bidentatus</i> | an Isopod | - | INV | G1? | S1 |
| <i>Orconectes williamsi</i> | William's crayfish | - | INV | G3G4 | S1 |
| Animals-Vertebrates | | | | | |
| <i>Empidonax traillii</i> | Willow Flycatcher | - | INV | G5 | S1B,S3N |
| <i>Eurycea spelaea</i> | grotto salamander | - | INV | G4 | S3 |
| <i>Myotis grisescens</i> | gray myotis | LE | INV | G3 | S2S3 |
| <i>Terrapene ornata ornata</i> | ornate box turtle | - | INV | G5T5 | S2 |
| <i>Thryomanes bewickii</i> | Bewick's Wren | - | INV | G5 | S2B,S3N |
| Plants-Vascular | | | | | |
| <i>Amorpha canescens</i> | leadplant | - | INV | G5 | S1 |
| <i>Antennaria neglecta</i> | field pussytoes | - | INV | G5 | S1 |
| <i>Callirhoe bushii</i> | Bush's poppy mallow | - | INV | G3 | S3 |
| <i>Calopogon oklahomensis</i> | Oklahoma grass-pink | - | INV | G4? | S2 |
| <i>Carex bicknellii</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex gravida</i> | a caric sedge | - | INV | G5 | S2S3 |
| <i>Carex hirtifolia</i> | a caric sedge | - | INV | G5 | S3 |
| <i>Carex laevivaginata</i> | a caric sedge | - | INV | G5 | S2 |
| <i>Carex opaca</i> | a caric sedge | - | SE | G5T4 | S2S3 |
| <i>Carex suberecta</i> | a caric sedge | - | INV | G4 | S2 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Delphinium treleasei</i> | Trelease's larkspur | - | INV | G3 | S3 |
| <i>Diaperia prolifera</i> | rabbit tobacco | - | INV | G5 | S1S3 |
| <i>Echinacea paradoxa var. paradoxa</i> | Bush's yellow coneflower | - | ST | G2T2 | S2 |
| <i>Erythronium mesochoreum</i> | prairie trout lily | - | INV | G4G5 | S1S2 |
| <i>Gentiana puberulenta</i> | downy gentian | - | INV | G4G5 | S2 |
| <i>Glyceria acutiflora</i> | floating mannagrass | - | INV | G5 | S1 |
| <i>Helianthus pauciflorus ssp. pauciflorus</i> | prairie sunflower | - | INV | G5T5? | S1 |
| <i>Heuchera villosa var. arkansana</i> | Arkansas alumroot | - | INV | G5T3Q | S3 |
| <i>Lithospermum incisum</i> | fringed puccoon | - | INV | G5 | S2S3 |
| <i>Nemastylis nuttallii</i> | Nuttall's pleat-leaf | - | INV | G4 | S2 |
| <i>Pediomelum esculentum</i> | prairie turnip | - | INV | G5 | S2 |
| <i>Penstemon cobaea</i> | showy beard-tongue | - | INV | G4 | S3 |
| <i>Perideridia americana</i> | American squaw-root | - | INV | G4 | S2 |

Boone County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|--------------------------|-----------------------|---------------------|--------------------|-------------------|
| <i>Potentilla arguta</i> | tall cinquefoil | - | ST | G5 | S1S2 |
| <i>Prenanthes aspera</i> | rough rattlesnake-root | - | INV | G4? | S1S2 |
| <i>Prenanthes crepidinea</i> | nodding rattlesnake-root | - | INV | G4 | S1 |
| <i>Sida elliotii</i> | a sida | - | INV | G4G5 | S2S3 |
| <i>Silene regia</i> | royal catchfly | - | ST | G3 | S2 |
| <i>Solidago gattingeri</i> | Gattinger's goldenrod | - | INV | G3?Q | S1 |
| <i>Symphotrichum sericeum</i> | silky aster | - | INV | G5 | S2 |
| <i>Tradescantia ozarkana</i> | Ozark spiderwort | - | INV | G3 | S3 |
| <i>Trichophorum planifolium</i> | bashful bulrush | - | INV | G4G5 | S1 |
| <i>Trillium pusillum</i> var. <i>ozarkanum</i> | Ozark least trillium | - | INV | G3T3 | S3 |
| <i>Viburnum molle</i> | soft-leaved arrow-wood | - | INV | G5 | S1 |
| <i>Viola pedatifida</i> | prairie violet | - | INV | G5 | S2 |
| <i>Zephyranthes chlorosolen</i> | rain lily | - | INV | G5 | S1S2 |
| <i>Zizia aptera</i> | golden Alexanders | - | INV | G5 | S1S3 |
| Special Elements-Natural Communities | | | | | |
| Central Interior Highlands Calcareous Glade and Barrens | | - | INV | GNR | SNR |
| Ozark Prairie and Woodland | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Lampsilis ornata</i> | southern pocketbook | - | INV | G5 | S1 |
| <i>Lampsilis satura</i> | sandbank pocketbook | - | INV | G2 | S2 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Obovaria olivaria</i> | hickorynut | - | INV | G4 | S3 |
| <i>Pleurobema cordatum</i> | Ohio pigtoe | - | INV | G4 | S1 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula fragosa</i> | winged mapleleaf | LE | INV | G1 | S1 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ammocrypta clara</i> | western sand darter | - | INV | G3 | S2? |
| <i>Ammodramus henslowii</i> | Henslow's Sparrow | - | INV | G4 | S1B,S2N |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Crystallaria asprella</i> | crystal darter | - | INV | G3 | S2? |
| <i>Erimyzon sucetta</i> | lake chubsucker | - | INV | G5 | S2? |
| <i>Etheostoma fusiforme</i> | swamp darter | - | INV | G5 | S2? |
| <i>Etheostoma parvipinne</i> | goldstripe darter | - | INV | G4G5 | S2 |
| <i>Lampropeltis triangulum amaura</i> | Louisiana milk snake | - | INV | G5T4 | S3 |
| <i>Nerodia cyclopion</i> | Mississippi green water snake | - | INV | G5 | S3 |
| <i>Notropis maculatus</i> | taillight shiner | - | INV | G5 | S3 |
| <i>Notropis perpallidus</i> | peppered shiner | - | INV | G3 | S2 |
| <i>Percina uranidea</i> | stargazing darter | - | INV | G3 | S3 |
| <i>Picoides borealis</i> | Red-cockaded Woodpecker | LE | INV | G3 | S2 |
| <i>Pteronotropis hubbsi</i> | bluehead shiner | - | INV | G3 | S3 |
| <i>Rana areolata circulosa</i> | northern crawfish frog | - | INV | G4T4 | S2 |
| <i>Regina rigida sinicola</i> | gulf crayfish snake | - | INV | G5T5 | S3 |
| Plants-Vascular | | | | | |
| <i>Alophia drummondii</i> | purple pleat-leaf | - | INV | G4 | S2 |
| <i>Anthaenania texana</i> | Kral's silkscale | - | INV | G3G4 | S3 |
| <i>Carex laevivaginata</i> | a caric sedge | - | INV | G5 | S2 |
| <i>Cladium jamaicense</i> | sawgrass | - | INV | G5T5 | SH |
| <i>Coelorachis rugosa</i> | wrinkled jointgrass | - | INV | G5 | S2 |
| <i>Dichanthelium dichotomum var. roanokense</i> | forked rosette grass | - | INV | G5T4? | S1 |
| <i>Dryopteris ludoviciana</i> | Louisiana wood fern | - | INV | G4 | S1 |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | - | INV | G3G4 | S3 |

Bradley County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|----------------------------------|-----------------------|---------------------|--------------------|-------------------|
| <i>Evolvulus sericeus</i> | silver dwarf morning glory | - | ST | G5 | S1 |
| <i>Geocarpon minimum</i> | geocarpon | LT | SE | G2 | S2 |
| <i>Gymnopogon brevifolius</i> | shortleaf skeletongrass | - | INV | G5 | S2 |
| <i>Helianthemum rosmarinifolium</i> | rockrose | - | INV | G4 | S1 |
| <i>Krigia occidentalis</i> | western dwarf dandelion | - | INV | G5 | S3 |
| <i>Mitreola sessilifolia</i> | swamp hornpod | - | INV | G4G5 | S2 |
| <i>Platanthera cristata</i> | yellow crested-orchid | - | INV | G5 | S1S2 |
| <i>Polygala nana</i> | bachelor's button | - | INV | G5 | S2S3 |
| <i>Potamogeton pulcher</i> | spotted pondweed | - | INV | G5 | S3 |
| <i>Prenanthes barbata</i> | barbed rattlesnake root | - | INV | G3 | S2 |
| <i>Pseudolycopodiella caroliniana</i> | Carolina bog club-moss | - | INV | G5T4 | S1 |
| <i>Ptilimnium costatum</i> | mock bishop weed | - | INV | G4 | S1 |
| <i>Rhynchospora colorata</i> | white top sedge | - | SE | G5 | S1 |
| <i>Rhynchospora gracilentia</i> | slender beakrush | - | INV | G5 | S2 |
| <i>Rhynchospora rariflora</i> | fewflower beakrush | - | ST | G5 | S1S2 |
| <i>Schoenolirion wrightii</i> | Texas sunnybells | - | ST | G3 | S2S3 |
| <i>Seymeria cassioides</i> | seymeria | - | INV | G5 | S1 |
| <i>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> | an aster | - | ST | G4? | S2 |
| <i>Xyris ambigua</i> | a yellow-eyed grass | - | INV | G5 | S2 |

Special Elements-Natural Communities

| | | | | |
|---|---|-----|-----|-----|
| Lowland oak-hickory forest | - | INV | GNR | S1 |
| Lowland oak-sweetgum forest | - | INV | GNR | S1 |
| West Gulf Coastal Plain Lowland Sand Prairie | - | INV | GNR | SNR |
| West Gulf Coastal Plain Saline Glade | - | INV | GNR | SNR |
| West Gulf Coastal Plain Seepage Swamp and Baygall | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|---------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Arkansia wheeleri</i> | Ouachita rock pocketbook | LE | INV | G1 | S1 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula fragosa</i> | winged mapleleaf | LE | INV | G1 | S1 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| Animals-Vertebrates | | | | | |
| <i>Crystallaria asprella</i> | crystal darter | - | INV | G3 | S2? |
| <i>Erimyzon sucetta</i> | lake chubsucker | - | INV | G5 | S2? |
| <i>Etheostoma fusiforme</i> | swamp darter | - | INV | G5 | S2? |
| <i>Lampropeltis triangulum amaura</i> | Louisiana milk snake | - | INV | G5T4 | S3 |
| <i>Notropis maculatus</i> | taillight shiner | - | INV | G5 | S3 |
| <i>Percina uranidea</i> | stargazing darter | - | INV | G3 | S3 |
| <i>Picoides borealis</i> | Red-cockaded Woodpecker | LE | INV | G3 | S2 |
| <i>Plethodon kisatchie</i> | Louisiana slimy salamander | - | INV | G3G4Q | S2 |
| <i>Pteronotropis hubbsi</i> | bluehead shiner | - | INV | G3 | S3 |
| <i>Scaphiopus hurterii</i> | Hurter's spadefoot | - | INV | G5 | S2 |
| Plants-Vascular | | | | | |
| <i>Alophia drummondii</i> | purple pleat-leaf | - | INV | G4 | S2 |
| <i>Andropogon virginicus var. glaucus</i> | broomsedge | - | INV | G5T4T5 | S1 |
| <i>Anthaenantia texana</i> | Kral's silkscale | - | INV | G3G4 | S3 |
| <i>Asclepias obovata</i> | savannah milkweed | - | INV | G5? | S2 |
| <i>Carex glaucescens</i> | a caric sedge | - | INV | G4 | S1 |
| <i>Coelorachis rugosa</i> | wrinkled jointgrass | - | INV | G5 | S2 |
| <i>Cyperus haspan</i> | soft flatsedge | - | INV | G5 | S2 |
| <i>Dichanthelium scabriusculum</i> | woolly rosette grass | - | INV | G4 | S1S2 |
| <i>Drosera capillaris</i> | A Sundew | - | INV | G5 | S1 |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | - | INV | G3G4 | S3 |
| <i>Eriocaulon decangulare</i> | hatpins | - | INV | G5 | S1S2 |
| <i>Eriocaulon koernickianum</i> | small-headed pipewort | - | SE | G2 | S2 |
| <i>Eryngium integrifolium</i> | blue-flowered eryngo | - | INV | G5 | S2 |
| <i>Fuirena bushii</i> | Bush's umbrella-grass | - | INV | G5 | S3 |
| <i>Lycopodiella prostrata</i> | prostrate bog club-moss | - | INV | G5 | S1 |
| <i>Lycopodiella x copelandii</i> | Copeland's hybrid bog club-moss | - | INV | GNA | S1 |
| <i>Mitreola sessilifolia</i> | swamp hornpod | - | INV | G4G5 | S2 |
| <i>Paspalum praecox</i> | early paspalum | - | INV | G4 | S1S2 |
| <i>Platanthera cristata</i> | yellow crested-orchid | - | INV | G5 | S1S2 |
| <i>Pogonia ophioglossoides</i> | rose pogonia | - | ST | G5 | S2 |
| <i>Polygala nana</i> | bachelor's button | - | INV | G5 | S2S3 |
| <i>Prenanthes barbata</i> | barbed rattlesnake root | - | INV | G3 | S2 |
| <i>Pseudolycopodiella caroliniana</i> | Carolina bog club-moss | - | INV | G5T4 | S1 |
| <i>Ptilimnium costatum</i> | mock bishop weed | - | INV | G4 | S1 |

Calhoun County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|------------------------|-----------------------|---------------------|--------------------|-------------------|
| <i>Rhynchospora gracilentia</i> | slender beakrush | - | INV | G5 | S2 |
| <i>Rhynchospora plumosa</i> | a beakrush | - | INV | G5 | S1 |
| <i>Rhynchospora rariflora</i> | fewflower beakrush | - | ST | G5 | S1S2 |
| <i>Sabatia campanulata</i> | slender marsh-pink | - | SE | G5 | S1 |
| <i>Sabatia gentianoides</i> | pinewoods rose-gentian | - | INV | G4G5 | S1 |
| <i>Schoenolirion wrightii</i> | Texas sunnybells | - | ST | G3 | S2S3 |
| <i>Scleria muehlenbergii</i> | Muhlenberg's nutsedge | - | INV | G5 | S1S2 |
| <i>Sida elliotii</i> | a sida | - | INV | G4G5 | S2S3 |
| <i>Smilax walteri</i> | redberry 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> | a yellow-eyed grass | - | INV | G5 | S2 |
| <i>Xyris baldwiniana</i> | a yellow-eyed grass | - | ST | G5 | S1 |
| <i>Xyris difformis</i> var. <i>curtissii</i> | a yellow-eyed grass | - | INV | G5T5 | S1 |

Special Elements-Natural Communities

| | | | | |
|---|---|-----|-----|-----|
| Cypress swamp | - | INV | GNR | S3 |
| Lowland pine-oak forest | - | INV | GNR | S1 |
| West Gulf Coastal Plain Saline Glade | - | INV | GNR | SNR |
| West Gulf Coastal Plain Seepage Swamp and Baygall | - | INV | GNR | SNR |
| West Gulf Coastal Plain Small Stream and River Forest | - | INV | GNR | SNR |

Special Elements-Other

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

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Allocapnia jeanae</i> | a winter stonefly | - | INV | G2 | S1? |
| <i>Caecidotea macropropoda</i> | bat cave isopod | - | INV | G2G3 | S2 |
| <i>Caecidotea steevesi</i> | an Isopod | - | INV | G3G4 | S1 |
| <i>Caecidotea stiladactyla</i> | an Isopod | - | INV | G3G4 | S3 |
| <i>Cyclonaias tuberculata</i> | purple wartyback | - | INV | G5 | S3? |
| <i>Epioblasma triquetra</i> | snuffbox | - | INV | G3 | S1 |
| <i>Gastrocopta rogersensis</i> | a land snail | - | INV | G3G4 | S2 |
| <i>Heterosternuta sulphuria</i> | Sulphur Springs diving beetle | - | INV | G1? | S1? |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Ophiogomphus westfalli</i> | Ozark snaketail dragonfly | - | INV | G3 | S1S2 |
| <i>Orconectes williamsi</i> | William's crayfish | - | INV | G3G4 | S1 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Stygobromus ozarkensis</i> | Ozark cave amphipod | - | INV | G4 | S1 |
| <i>Trigenotyia parca</i> | a cave obligate millipede | - | INV | G1G2 | S1 |
| <i>Venustaconcha pleasii</i> | bleedingtooth mussel | - | INV | G3G4 | S3 |
| <i>Villosa iris</i> | rainbow | - | INV | G5Q | S2S3 |
| Animals-Vertebrates | | | | | |
| <i>Crotaphytus collaris</i> | eastern collared lizard | - | INV | G5 | S3 |
| <i>Erimystax harrisi</i> | Ozark chub | - | INV | G3G4Q | S3S4 |
| <i>Eumeces obsoletus</i> | Great Plains skink | - | INV | G5 | S1 |
| <i>Eurycea spelaea</i> | grotto salamander | - | INV | G4 | S3 |
| <i>Myotis grisescens</i> | gray myotis | LE | INV | G3 | S2S3 |
| <i>Nocomis asper</i> | redspot chub | - | INV | G4 | S2? |
| <i>Notropis ozarcanus</i> | Ozark shiner | - | INV | G3 | S2 |
| <i>Pantherophis emoryi</i> | Great Plains rat snake | - | INV | G5 | S3 |
| <i>Plethodon angusticlavius</i> | Ozark zigzag salamander | - | INV | G4 | S3 |
| <i>Rana sylvatica</i> | wood frog | - | INV | G5 | S3 |
| <i>Thryomanes bewickii</i> | Bewick's Wren | - | INV | G5 | S2B,S3N |
| Plants-Vascular | | | | | |
| <i>Agalinis auriculata</i> | earleaf false-foxglove | - | INV | G3 | S1 |
| <i>Amorpha canescens</i> | leadplant | - | INV | G5 | S1 |
| <i>Argyrochosma dealbata</i> | powdery cloak fern | - | INV | G4G5 | S2 |
| <i>Arnoglossum reniforme</i> | great Indian plantain | - | INV | G4 | S2 |
| <i>Asclepias stenophylla</i> | narrowleaf milkweed | - | INV | G4G5 | SH |
| <i>Brickellia grandiflora</i> | tassel flower | - | INV | G5 | S2 |
| <i>Callirhoe bushii</i> | Bush's poppy mallow | - | INV | G3 | S3 |
| <i>Carex hirtifolia</i> | a caric sedge | - | INV | G5 | S3 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Caulophyllum thalictroides</i> | blue cohosh | - | INV | G4G5 | S2 |
| <i>Chamaesyce missurica</i> | Missouri spurge | - | INV | G5 | S2 |
| <i>Delphinium treleasei</i> | Trelease's larkspur | - | INV | G3 | S3 |

Carroll County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|--------------------------|----------------|--------------|-------------|------------|
| <i>Echinacea paradoxa</i> var. <i>paradoxa</i> | Bush's yellow coneflower | - | ST | G2T2 | S2 |
| <i>Leavenworthia uniflora</i> | glade cress | - | INV | G4 | S3 |
| <i>Liatris scariosa</i> var. <i>nieuwlandii</i> | northern gayfeather | - | INV | G5?T3T5 | SH |
| <i>Marshallia caespitosa</i> var. <i>caespitosa</i> | Barbara's buttons | - | INV | G4T4 | S2 |
| <i>Melanthium woodii</i> | false hellebore | - | INV | G5 | S3 |
| <i>Mimulus floribundus</i> | yellow monkey flower | - | INV | G5 | S2S3 |
| <i>Minuartia michauxii</i> | rock sandwort | - | INV | G5 | S1 |
| <i>Nemastylis nuttallii</i> | Nuttall's pleat-leaf | - | INV | G4 | S2 |
| <i>Pediomelum esculentum</i> | prairie turnip | - | INV | G5 | S2 |
| <i>Penstemon cobaea</i> | showy beard-tongue | - | INV | G4 | S3 |
| <i>Phlox bifida</i> | sand phlox | - | INV | G5? | S3 |
| <i>Phyllanthus polygonoides</i> | knotweed leaf-flower | - | INV | G5 | S1 |
| <i>Silene regia</i> | royal catchfly | - | ST | G3 | S2 |
| <i>Trillium pusillum</i> var. <i>ozarkanum</i> | Ozark least trillium | - | INV | G3T3 | S3 |
| <i>Ulmus thomasii</i> | rock elm | - | INV | G5 | S2 |
| <i>Valerianella ozarkana</i> | Ozark cornsalad | - | INV | G3 | S3 |
| <i>Zizia aptera</i> | golden Alexanders | - | INV | G5 | S1S3 |
| Special Elements-Natural Communities | | | | | |
| Central Interior Highlands Calcareous Glade and Barrens | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------------|-----------------------|---------------------|--------------------|-------------------|
| Animals-Invertebrates | | | | | |
| <i>Cicindela lepida</i> | little white tiger beetle | - | INV | G3G4 | S2S3 |
| <i>Ptychobranchnus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Etheostoma fusiforme</i> | swamp darter | - | INV | G5 | S2? |
| <i>Gallinula chloropus</i> | Common Moorhen | - | INV | G5 | S1B,S2N |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hiodon alosoides</i> | goldeye | - | INV | G5 | S2? |
| <i>Myotis austroriparius</i> | southeastern myotis | - | INV | G3G4 | S3 |
| <i>Nerodia cyclopion</i> | Mississippi green water snake | - | INV | G5 | S3 |
| <i>Polyodon spathula</i> | paddlefish | - | INV | G4 | S2? |
| <i>Rana areolata circulosa</i> | northern crawfish frog | - | INV | G4T4 | S2 |
| <i>Regina grahamii</i> | Graham's crayfish snake | - | INV | G5 | S2 |
| <i>Riparia riparia</i> | Bank Swallow | - | INV | G5 | S2B,S3N |
| <i>Scaphiopus holbrookii</i> | eastern spadefoot | - | INV | G5 | S2 |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| Plants-Vascular | | | | | |
| <i>Eryngium hookeri</i> | Hooker's eryngo | - | INV | G3G5 | S1 |
| <i>Malus coronaria</i> | a crabapple | - | INV | G5 | S2S3 |
| <i>Paspalum praecox</i> | early paspalum | - | INV | G4 | S1S2 |
| <i>Vicia ludoviciana ssp. leavenworthii</i> | deer pea vetch | - | INV | G5T5 | S1S2 |
| Special Elements-Natural Communities | | | | | |
| Mississippi River Riparian Forest | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Geological feature | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---------------------------------------|--------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Arkansia wheeleri</i> | Ouachita rock pocketbook | LE | INV | G1 | S1 |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Fallicambarus jeanae</i> | a crayfish | - | INV | G2 | S2 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Lampsilis ornata</i> | southern pocketbook | - | INV | G5 | S1 |
| <i>Lampsilis powellii</i> | Arkansas fatmucket | LT | INV | G2 | S2 |
| <i>Lampsilis satura</i> | sandbank pocketbook | - | INV | G2 | S2 |
| <i>Lampsilis siliquoidea</i> | fatmucket | - | INV | G5 | S3 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Microstylum morosum</i> | giant prairie robber fly | - | INV | G3G4 | S1 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Obovaria olivaria</i> | hickorynut | - | INV | G4 | S3 |
| <i>Orconectes menae</i> | a crayfish | - | INV | G3 | S3 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Procambarus parasimulans</i> | a crayfish | - | INV | G4 | S2 |
| <i>Ptychobranchus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula fragosa</i> | winged mapleleaf | LE | INV | G1 | S1 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Somatogyrus amnicoloides</i> | Ouachita Pebblesnail | - | INV | GX | SX |
| <i>Somatogyrus wheeleri</i> | Channelled Pebblesnail | - | INV | GX | SX |
| <i>Speyeria diana</i> | Diana | - | INV | G3G4 | S2S3 |
| <i>Tetraloniella albata</i> | white long-horned bee | - | INV | GNR | S1 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Villosa arkansasensis</i> | Ouachita creekshell | - | INV | G2 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Alosa alabamae</i> | Alabama shad | - | INV | G3 | S1S2 |
| <i>Ambystoma talpoideum</i> | mole salamander | - | INV | G5 | S3 |
| <i>Cemophora coccinea copei</i> | northern scarlet snake | - | INV | G5T5 | S3 |
| <i>Crystallaria asprella</i> | crystal darter | - | INV | G3 | S2? |
| <i>Desmognathus conanti</i> | spotted dusky salamander | - | INV | G5 | S1 |
| <i>Erimyzon sucetta</i> | lake chubsucker | - | INV | G5 | S2? |
| <i>Etheostoma parvipinne</i> | goldstripe darter | - | INV | G5 | S3 |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Lampetra appendix</i> | American brook lamprey | - | INV | G4G5 | S2 |
| <i>Eurycea quadridigitata</i> | dwarf salamander | - | INV | G5 | S3 |
| <i>Hemidactylum scutatum</i> | four-toed salamander | - | INV | G4 | S2? |
| <i>Lampropeltis triangulum amaura</i> | Louisiana milk snake | - | INV | G5T4 | S3 |
| <i>Mugil cephalus</i> | striped mullet | - | INV | G5 | S1? |
| <i>Myotis austroriparius</i> | southeastern myotis | - | INV | G3G4 | S3 |
| <i>Notropis maculatus</i> | taillight shiner | - | INV | G5 | S3 |

Clark County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------------|----------------|--------------|-------------|------------|
| <i>Notropis ortenburgeri</i> | Kiamichi shiner | - | INV | G3 | S2 |
| <i>Notropis perpallidus</i> | peppered shiner | - | INV | G3 | S2 |
| <i>Noturus taylori</i> | Caddo madtom | - | INV | G1 | S1? |
| <i>Ophisaurus attenuatus attenuatus</i> | western slender glass lizard | - | INV | G5T5 | S3 |
| <i>Percina sp. nov.</i> | Ouachita darter | - | INV | G2? | SNR |
| <i>Percina uranidea</i> | stargazing darter | - | INV | G3 | S3 |
| <i>Picoides borealis</i> | Red-cockaded Woodpecker | LE | INV | G3 | S2 |
| <i>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| <i>Polyodon spathula</i> | paddlefish | - | INV | G4 | S2? |
| <i>Pteronotrops hubbsi</i> | bluehead shiner | - | INV | G3 | S3 |
| <i>Regina rigida sinicola</i> | gulf crayfish snake | - | INV | G5T5 | S3 |
| Plants-Vascular | | | | | |
| <i>Amsonia hubrichtii</i> | Ouachita bluestar | - | INV | G3 | S3 |
| <i>Astragalus crassicaarpus var. crassicaarpus</i> | a ground plum | - | INV | G5T5 | S2 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Diaperia prolifera</i> | rabbit tobacco | - | INV | G5 | S1S3 |
| <i>Liatris compacta</i> | Ouachita blazing star | - | INV | G5T3 | S3 |
| <i>Lycopodiella prostrata</i> | prostrate bog club-moss | - | INV | G5 | S1 |
| <i>Minuartia drummondii</i> | a sandwort | - | INV | G5 | S2S3 |
| <i>Physaria gracilis ssp. gracilis</i> | a bladderpod | - | INV | G5T4 | S1 |
| <i>Pseudolycopodiella caroliniana</i> | Carolina bog club-moss | - | INV | G5T4 | S1 |
| <i>Quercus arkansana</i> | Arkansas oak | - | INV | G3 | S3 |
| <i>Ranunculus flabellaris</i> | yellow water crowfoot | - | INV | G5 | S3 |
| <i>Scleria verticillata</i> | whorled nutsedge | - | ST | G5 | S1 |
| <i>Spiranthes magnicamporum</i> | great plains ladies'-tresses | - | INV | G4 | 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> | a yellow-eyed grass | - | INV | G5T5 | S2 |
| Special Elements-Natural Communities | | | | | |
| Juniper-hardwood woodland | | - | INV | GNR | S4 |
| Lowland pine-oak forest | | - | INV | GNR | S1 |
| West Gulf Coastal Plain Northern Calcareous Prairie | | - | INV | GNR | SNR |
| West Gulf Coastal Plain Saline Glade | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|-----------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Cyclonaias tuberculata</i> | purple wartyback | - | INV | G5 | S3? |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Lampsilis siliquoidea</i> | fatmucket | - | INV | G5 | S3 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma talpoideum</i> | mole salamander | - | INV | G5 | S3 |
| <i>Ammocrypta clara</i> | western sand darter | - | INV | G3 | S2? |
| <i>Carphophis amoenus helenae</i> | midwest worm snake | - | INV | G5T5 | S2 |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Cycleptus elongatus</i> | blue sucker | - | INV | G3G4 | S2 |
| <i>Erimystax harrisi</i> | Ozark chub | - | INV | G3G4Q | S3S4 |
| <i>Lasiurus seminolus</i> | Seminole bat | - | INV | G5 | S3 |
| <i>Moxostoma pisolabrum</i> | pealip redhorse | - | INV | G5 | S2? |
| <i>Myotis sodalis</i> | Indiana bat | LE | INV | G2 | S1 |
| <i>Notropis ozarcanus</i> | Ozark shiner | - | INV | G3 | S2 |
| <i>Notropis sabinae</i> | sabine shiner | - | INV | G4 | S2? |
| <i>Pantherophis emoryi</i> | Great Plains rat snake | - | INV | G5 | S3 |
| <i>Percina uranidea</i> | stargazing darter | - | INV | G3 | S3 |
| <i>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| <i>Pseudacris illinoensis</i> | Illinois chorus frog | - | INV | G3 | S1 |
| <i>Pseudacris streckeri</i> | Strecker's chorus frog | - | INV | G5 | S2 |
| <i>Scaphiopus holbrookii</i> | eastern spadefoot | - | INV | G5 | S2 |
| <i>Thryomanes bewickii</i> | Bewick's Wren | - | INV | G5 | S2B,S3N |
| <i>Umbra limi</i> | central mudminnow | - | INV | G5 | SH |
| Plants-Vascular | | | | | |
| <i>Carex opaca</i> | a caric sedge | - | SE | G5T4 | S2S3 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Juglans cinerea</i> | butternut | - | INV | G4 | S3 |
| <i>Leitneria floridana</i> | corkwood | - | INV | G3 | S3 |
| <i>Lindera melissifolia</i> | pondberry | LE | SE | G2G3 | S2 |
| <i>Magnolia macrophylla</i> | bigleaf magnolia | - | SE | G5 | S1 |
| <i>Oenothera pilosella ssp. sessilis</i> | prairie evening primrose | - | ST | G5T2 | S2 |
| <i>Platanthera flava var. herbiola</i> | northern tubercled-orchid | - | ST | G4?T4Q | S1 |
| <i>Platanthera peramoena</i> | purple fringeless-orchid | - | ST | G5 | S2 |
| <i>Ranunculus flabellaris</i> | yellow water crowfoot | - | INV | G5 | S3 |
| <i>Scirpus divaricatus</i> | bulrush | - | INV | G5 | SH |

Clay County (cont.)

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

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|------------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Lampsilis siliquoidea</i> | fatmucket | - | INV | G5 | S3 |
| <i>Lampsilis streckeri</i> | speckled pocketbook | LE | INV | G1Q | S1 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Nicrophorus americanus</i> | American burying beetle | LE | INV | G2G3 | S1 |
| <i>Ptychobranchus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Venustaconcha pleasii</i> | bleedingtooth mussel | - | INV | G3G4 | S3 |
| <i>Villosa iris</i> | rainbow | - | INV | G5Q | S2S3 |
| Animals-Vertebrates | | | | | |
| <i>Accipiter striatus</i> | Sharp-shinned Hawk | - | INV | G5 | S1S2B |
| <i>Etheostoma moorei</i> | yellowcheek darter | C | INV | G1 | S1 |
| <i>Eurycea tynerensis</i> | Oklahoma salamander | - | INV | G3 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hemidactylium scutatum</i> | four-toed salamander | - | INV | G5 | S3 |
| <i>Pantherophis emoryi</i> | Great Plains rat snake | - | INV | G5 | S3 |
| <i>Percina nasuta</i> | longnose darter | - | INV | G3 | S2 |
| <i>Plethodon angusticlavius</i> | Ozark zigzag salamander | - | INV | G4 | S3 |
| <i>Scaphiopus holbrookii</i> | eastern spadefoot | - | INV | G5 | S2 |
| Plants-Vascular | | | | | |
| <i>Asplenium pinnatifidum</i> | lobed spleenwort | - | INV | G4 | S3 |
| <i>Carex gracilescens</i> | a caric sedge | - | INV | G5? | S2 |
| <i>Carex normalis</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex radiata</i> | a caric sedge | - | INV | G4 | S1 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Caulophyllum thalictroides</i> | blue cohosh | - | INV | G4G5 | S2 |
| <i>Claytonia ozarkensis</i> | Ozark spring beauty | - | INV | G1G3Q | S2 |
| <i>Deschampsia flexuosa</i> | crinkled hairgrass | - | INV | G5 | S2S3 |
| <i>Dulichium arundinaceum var. arundinaceum</i> | threeway sedge | - | INV | G5TNR | S2S3 |
| <i>Heuchera villosa var. arkansana</i> | Arkansas alumroot | - | INV | G5T3Q | S3 |
| <i>Isoetes engelmannii</i> | Engelmann's quillwort | - | INV | G4 | S1 |
| <i>Leitneria floridana</i> | corkwood | - | INV | G3 | S3 |
| <i>Mimulus floribundus</i> | yellow monkey flower | - | INV | G5 | S2S3 |
| <i>Nemastylis geminiflora</i> | celestial lily | - | INV | G4 | S3 |
| <i>Nemastylis nuttallii</i> | Nuttall's pleat-leaf | - | INV | G4 | S2 |
| <i>Oenothera clelandii</i> | lesser four-point evening-primrose | - | INV | G3G5 | S1 |
| <i>Philadelphus hirsutus</i> | mock orange | - | INV | G5 | S2S3 |
| <i>Podostemum ceratophyllum</i> | riverweed | - | INV | G5 | S3 |
| <i>Selaginella arenicola ssp. riddellii</i> | Riddell's spike-moss | - | INV | G4T4 | S3 |
| <i>Silene ovata</i> | ovate-leaved catchfly | - | ST | G3 | S3 |
| <i>Sium suave</i> | water parsnip | - | INV | G5 | S1S3 |
| <i>Smilax ecirrata</i> | carrion-flower | - | INV | G5? | SH |
| <i>Solidago ptarmicoides</i> | white-flowered goldenrod | - | INV | G5 | S1S2 |

Cleburne County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|------------------------|-----------------------|---------------------|--------------------|-------------------|
| <i>Tradescantia ozarkana</i> | Ozark spiderwort | - | INV | G3 | S3 |
| <i>Trichomanes boschianum</i> | Appalachian filmy fern | - | ST | G4 | S2S3 |
| Special Elements-Natural Communities | | | | | |
| Central Interior Highlands & Appalachian Sinkhole & Depression Pond | | - | INV | GNR | SNR |
| South-Central Interior Large Floodplain | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| <i>Geological feature</i> | | - | INV | GNR | SNR |

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

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

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Bouchardina robisoni</i> | a crayfish | - | INV | G1 | S1 |
| <i>Caecidotea foxi</i> | an isopod | - | INV | GNR | S1 |
| <i>Leuctra paleo</i> | Arkansas needletly | - | INV | G2 | S1 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma talpoideum</i> | mole salamander | - | INV | G5 | S3 |
| <i>Cemophora coccinea copei</i> | northern scarlet snake | - | INV | G5T5 | S3 |
| <i>Coluber constrictor anthicus</i> | buttermilk racer | - | INV | G5T4 | S3 |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Erimyzon sucetta</i> | lake chubsucker | - | INV | G5 | S2? |
| <i>Etheostoma parvipinne</i> | goldstripe darter | - | INV | G4G5 | S2 |
| <i>Eudocimus albus</i> | White Ibis | - | INV | G5 | S1B |
| <i>Eurycea quadridigitata</i> | dwarf salamander | - | INV | G5 | S3 |
| <i>Limnothlypis swainsonii</i> | Swainson's Warbler | - | INV | G4 | S3B |
| <i>Nerodia cyclopion</i> | Mississippi green water snake | - | INV | G5 | S3 |
| <i>Notropis maculatus</i> | taillight shiner | - | INV | G5 | S3 |
| <i>Noturus phaeus</i> | brown madtom | - | INV | G4 | SH |
| <i>Picoides borealis</i> | Red-cockaded Woodpecker | LE | INV | G3 | S2 |
| <i>Reithrodontomys humulis</i> | eastern harvest mouse | - | INV | G5 | S2 |
| <i>Scaphiopus holbrookii</i> | eastern spadefoot | - | INV | G5 | S2 |
| <i>Scaphiopus hurterii</i> | Hurter's spadefoot | - | INV | G5 | S2 |
| <i>Terrapene ornata ornata</i> | ornate box turtle | - | INV | G5T5 | S2 |
| Plants-Vascular | | | | | |
| <i>Alophia drummondii</i> | purple pleat-leaf | - | INV | G4 | S2 |
| <i>Crataegus brachyacantha</i> | blueberry hawthorn | - | INV | G4 | S2 |
| <i>Hexalectris spicata var. spicata</i> | crested coralroot | - | INV | G5T4T5 | S2 |
| <i>Hypoxis curtissii</i> | Curtis' stargrass | - | INV | G4? | S1 |
| <i>Platanthera flava var. flava</i> | southern tuberclcd-orchid | - | ST | G4?T4?Q | S2S3 |
| <i>Polygala nana</i> | bachelor's button | - | INV | G5 | S2S3 |
| Special Elements-Natural Communities | | | | | |
| Cypress-Tupelo Swamp | | - | INV | GNR | S2 |
| Lowland Headwater Stream-Coastal Plain | | - | INV | GNR | SNR |
| Lowland Oak-Sweetgum Forest | | - | INV | GNR | S1 |
| Lowland Pine-Oak Forest | | - | INV | GNR | S1 |
| West Gulf Coastal Plain Mesic Hardwood Forest | | - | INV | GNR | SNR |
| West Gulf Coastal Plain Small Stream and River Forest | | - | INV | GNR | SNR |
| Willow Oak Forest | | - | INV | GNR | S2 |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|---------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Cicindela cursitans</i> | ant-like tiger beetle | - | INV | G4 | S2S3 |
| <i>Cicindela macra</i> | sandy stream tiger beetle | - | INV | G5 | S2S3 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Lirceus bicuspidatus</i> | an Isopod | - | INV | G3Q | S2 |
| <i>Speyeria diana</i> | Diana | - | INV | G3G4 | S2S3 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Cemophora coccinea copei</i> | northern scarlet snake | - | INV | G5T5 | S3 |
| <i>Chrysemys picta dorsalis</i> | southern painted turtle | - | INV | G5 | S3 |
| <i>Crotaphytus collaris</i> | eastern collared lizard | - | INV | G5 | S3 |
| <i>Eurycea tynnerensis</i> | Oklahoma salamander | - | INV | G3 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Myotis austroriparius</i> | southeastern myotis | - | INV | G3G4 | S3 |
| <i>Pseudacris streckeri</i> | Strecker's chorus frog | - | INV | G5 | S2 |
| <i>Rana areolata circulosa</i> | northern crawfish frog | - | INV | G4T4 | S2 |
| <i>Spea bombifrons</i> | plains spadefoot | - | INV | G5 | S1 |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| <i>Thryomanes bewickii</i> | Bewick's Wren | - | INV | G5 | S2B,S3N |
| Plants-Vascular | | | | | |
| <i>Amorpha ouachitensis</i> | Ouachita indigo bush | - | INV | G3Q | S3 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Elymus churchii</i> | Church's wild rye | - | INV | G2G3 | S2? |
| <i>Eriocaulon koernickianum</i> | small-headed pipewort | - | SE | G2 | S2 |
| <i>Eustoma exaltatum ssp. exaltatum</i> | catchfly prairie gentian | - | INV | G5T4T5 | S2 |
| <i>Heliotropium convolvulaceum</i> | phlox heliotrope | - | INV | G5 | S2 |
| <i>Liatris compacta</i> | Ouachita blazing star | - | INV | G5T3 | S3 |
| <i>Neviusia alabamensis</i> | Alabama snow wreath | - | ST | G2 | S1S2 |
| <i>Platanthera flava var. flava</i> | southern tubercled-orchid | - | ST | G4?T4?Q | S2S3 |
| <i>Podostemum ceratophyllum</i> | riverweed | - | INV | G5 | S3 |
| <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 |
| Special Elements-Natural Communities | | | | | |
| 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 |
| Special Elements-Other | | | | | |
| Geological feature | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Caecidotea brevicauda</i> | an isopod | - | INV | GNR | S1 |
| <i>Cicindela macra</i> | sandy stream tiger beetle | - | INV | G5 | S2S3 |
| <i>Cicindela purpurea</i> | cow path tiger beetle | - | INV | G5 | S3 |
| <i>Lirceus louisianae</i> | an isopod | - | INV | GNR | S1 |
| <i>Potamilus capax</i> | fat pocketbook | LE | INV | G1G2 | S1 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Uniomerus declivis</i> | tapered pondhorn | - | INV | G5Q | S2 |
| <i>Uniomerus tetralasmus</i> | pondhorn | - | INV | G5 | S2 |
| Animals-Vertebrates | | | | | |
| <i>Accipiter cooperii</i> | Cooper's Hawk | - | INV | G5 | S1B,S3N |
| <i>Ambystoma annulatum</i> | ringed salamander | - | INV | G4 | S3 |
| <i>Carphophis amoenus helenae</i> | midwest worm snake | - | INV | G5T5 | S2 |
| <i>Chrysemys picta dorsalis</i> | southern painted turtle | - | INV | G5 | S3 |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Deirochelys reticularia miaria</i> | western chicken turtle | - | INV | G5T5 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Lasiurus seminolus</i> | Seminole bat | - | INV | G5 | S3 |
| <i>Mustela frenata primulina</i> | long-tailed weasel | - | INV | G5T4 | S3 |
| <i>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>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| <i>Rana areolata circulosa</i> | northern crawfish frog | - | INV | G4T4 | S2 |
| <i>Regina grahamii</i> | Graham's crayfish snake | - | INV | G5 | S2 |
| <i>Scaphiopus holbrookii</i> | eastern spadefoot | - | INV | G5 | S2 |
| <i>Taxidea taxus</i> | American badger | - | INV | G5 | S1S2 |
| <i>Thryomanes bewickii</i> | Bewick's Wren | - | INV | G5 | S2B,S3N |
| Plants-Vascular | | | | | |
| <i>Carex gigantea</i> | giant caric sedge | - | INV | G4 | S1S2 |
| <i>Carex normalis</i> | a caric sedge | - | 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>Malus coronaria</i> | a crabapple | - | INV | G5 | S2S3 |
| <i>Platanthera peramoena</i> | purple fringeless-orchid | - | ST | G5 | S2 |
| <i>Ptilimnium costatum</i> | mock bishop weed | - | INV | G4 | S1 |
| <i>Tradescantia subaspera</i> | zigzag spiderwort | - | INV | G5 | S1S3 |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Caecidotea macropropoda</i> | bat cave isopod | - | INV | G2G3 | S2 |
| <i>Cicindela macra</i> | sandy stream tiger beetle | - | INV | G5 | S2S3 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Leptodea leptodon</i> | scaleshell | LE | INV | G1G2 | S1 |
| <i>Orconectes nana</i> | a crayfish | - | INV | G3 | S2 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Venustaconcha ellipsiformis</i> | ellipse | - | INV | G4 | S1 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Alosa alabamae</i> | Alabama shad | - | INV | G3 | S1S2 |
| <i>Ambystoma annulatum</i> | ringed salamander | - | INV | G4 | S3 |
| <i>Corynorhinus townsendii ingens</i> | Ozark big-eared bat | LE | INV | G4T1 | S1 |
| <i>Cyprinella camura</i> | bluntnose shiner | - | INV | G5 | SH |
| <i>Dendroica cerulea</i> | Cerulean Warbler | - | INV | G4 | S4B |
| <i>Eurycea taylori</i> | Oklahoma salamander | - | INV | G3 | 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>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 ouachitae</i> | Rich Mountain salamander | - | INV | G2G3 | S2 |
| <i>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| <i>Rana sylvatica</i> | wood frog | - | INV | G5 | S3 |
| <i>Regina septemvittata</i> | queen snake | - | INV | G5 | S2 |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| <i>Tyrannus verticalis</i> | Western Kingbird | - | INV | G5 | S1B,S1N |
| Plants-Vascular | | | | | |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Castilleja indivisa</i> | an Indian paintbrush | - | INV | G5 | SH |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Fuirena simplex var. aristulata</i> | umbrella-grass | - | INV | G5T4 | S1 |
| <i>Heliotropium convolvulaceum</i> | phlox heliotrope | - | INV | G5 | S2 |
| <i>Hieracium scabrum</i> | rough hawkweed | - | INV | G5 | S2 |
| <i>Mimulus floribundus</i> | yellow monkey flower | - | INV | G5 | S2S3 |
| <i>Silene ovata</i> | ovate-leaved catchfly | - | ST | G3 | S3 |
| <i>Stachys iltisii</i> | hedgenettle | - | INV | GNR | S3 |
| <i>Tradescantia ozarkana</i> | Ozark spiderwort | - | INV | G3 | S3 |
| <i>Valerianella nuttallii</i> | Nuttall's comsalad | - | INV | G2? | S2 |

Crawford County (cont.)

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

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|----------------------------|-----------------------|---------------------|--------------------|-------------------|
| Animals-Invertebrates | | | | | |
| <i>Cicindela cursitans</i> | ant-like tiger beetle | - | INV | G4 | S2S3 |
| <i>Cicindela hirticollis</i> | beach-dune tiger beetle | - | INV | G5 | S2S3 |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Obovaria olivaria</i> | hickorynut | - | INV | G4 | S3 |
| <i>Pleurobema cordatum</i> | Ohio pigtoe | - | INV | G4 | S1 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Potamilus alatus</i> | pink heelsplitter | - | INV | G5 | S1 |
| <i>Potamilus capax</i> | fat pocketbook | LE | INV | G1G2 | S1 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Uniomereus tetralasmus</i> | pondhorn | - | INV | G5 | S2 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma talpoideum</i> | mole salamander | - | INV | G5 | S3 |
| <i>Chrysemys picta 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>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| Special Elements-Natural Communities | | | | | |
| Lower Mississippi River Bottomland Depression | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Potamilus capax</i> | fat pocketbook | LE | INV | G1G2 | S1 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma talpoideum</i> | mole salamander | - | INV | G5 | S3 |
| <i>Carphophis amoenus helenae</i> | midwest worm snake | - | INV | G5T5 | S2 |
| <i>Cemophora coccinea copei</i> | northern scarlet snake | - | INV | G5T5 | S3 |
| <i>Chrysemys picta dorsalis</i> | southern painted turtle | - | INV | G5 | S3 |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Desmognathus conanti</i> | spotted dusky salamander | - | INV | G5 | S1 |
| <i>Etheostoma parvipinne</i> | goldstripe darter | - | INV | G4G5 | S2 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Limnothlypis swainsonii</i> | Swainson's Warbler | - | INV | G4 | S3B |
| <i>Mustela frenata primulina</i> | long-tailed weasel | - | INV | G5T4 | S3 |
| <i>Notropis maculatus</i> | taillight shiner | - | INV | G5 | S3 |
| <i>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| Plants-Vascular | | | | | |
| <i>Carex normalis</i> | a caric 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> | climbing magnolia | - | INV | G3 | S2S3 |
| <i>Spiranthes ovalis var. erostellata</i> | northern oval ladies'-tresses | - | INV | G5?T4? | S1 |
| Special Elements-Natural Communities | | | | | |
| Southern Crowley's Ridge Mesic Loess Slope Forest | | - | INV | GNR | SNR |
| Upland Headwater Stream-Crowley's Ridge | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|----------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Leuctra paleo</i> | Arkansas needelfly | - | INV | G2 | S1 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Ptychobranthus 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>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Villosa arkansasensis</i> | Ouachita creekshell | - | INV | G2 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma talpoideum</i> | mole salamander | - | INV | G5 | S3 |
| <i>Cemophora coccinea copei</i> | northern scarlet snake | - | INV | G5T5 | S3 |
| <i>Crystallaria asprella</i> | crystal darter | - | INV | G3 | S2? |
| <i>Etheostoma parvipinne</i> | goldstripe darter | - | INV | G4G5 | S2 |
| <i>Eurycea quadridigitata</i> | dwarf salamander | - | INV | G5 | S3 |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Limnothlypis swainsonii</i> | Swainson's Warbler | - | INV | G4 | S3B |
| <i>Notropis perpallidus</i> | peppered shiner | - | INV | G3 | S2 |
| <i>Ophisaurus attenuatus attenuatus</i> | western slender glass lizard | - | INV | G5T5 | S3 |
| <i>Picoides borealis</i> | Red-cockaded Woodpecker | LE | INV | G3 | S2 |
| <i>Pteronotrops hubbsi</i> | bluehead shiner | - | INV | G3 | S3 |
| Plants-Vascular | | | | | |
| <i>Parnassia asarifolia</i> | ginger-leaved grass-of-Parnassas | - | INV | G4 | S1 |
| Special Elements-Natural Communities | | | | | |
| Lowland Stream-Coastal Plain | | - | INV | GNR | SNR |
| West Gulf Coastal Plain Small Stream and River Forest | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|----------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Cicindela hirticollis</i> | beach-dune tiger beetle | - | INV | G5 | S2S3 |
| <i>Cicindela lepida</i> | little white tiger beetle | - | INV | G3G4 | S2S3 |
| <i>Dryobius sexnotatus</i> | six-banded longhorn beetle | - | INV | GNR | S2 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Obovaria olivaria</i> | hickorynut | - | INV | G4 | S3 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Uniomerus declivis</i> | tapered pondhorn | - | INV | G5Q | S2 |
| Animals-Vertebrates | | | | | |
| <i>Acipenser fulvescens</i> | lake sturgeon | - | INV | G3G4 | S1 |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Cycleptus elongatus</i> | blue sucker | - | INV | G3G4 | S2 |
| <i>Deirochelys reticularia miaria</i> | western chicken turtle | - | INV | G5T5 | S3 |
| <i>Dendroica cerulea</i> | Cerulean Warbler | - | INV | G4 | S4B |
| <i>Erimyzon sucetta</i> | lake chubsucker | - | INV | G5 | S2? |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hiodon alosoides</i> | goldeye | - | INV | G5 | S2? |
| <i>Limnothlypis swainsonii</i> | Swainson's Warbler | - | INV | G4 | S3B |
| <i>Mugil cephalus</i> | striped mullet | - | INV | G5 | S1? |
| <i>Myotis austroriparius</i> | southeastern myotis | - | INV | G3G4 | S3 |
| <i>Platygobio gracilis</i> | flathead chub | - | INV | G5 | S1? |
| <i>Polyodon spathula</i> | paddlefish | - | INV | G4 | S2? |
| <i>Regina grahamii</i> | Graham's crayfish snake | - | INV | G5 | S2 |
| <i>Riparia riparia</i> | Bank Swallow | - | INV | G5 | S2B,S3N |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| Plants-Vascular | | | | | |
| <i>Tradescantia paludosa</i> | confederate spiderwort | - | INV | G4?Q | S1S2 |
| Special Elements-Natural Communities | | | | | |
| Lower Mississippi River Bottomland Depression | | - | INV | GNR | SNR |
| Mississippi River High Floodplain (Bottomland) Forest | | - | INV | GNR | SNR |
| Mississippi River Low Floodplain (Bottomland) Forest | | - | INV | GNR | SNR |
| Mississippi River Riparian Forest | | - | INV | GNR | SNR |
| Willow oak forest | | - | INV | GNR | S2 |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Cicindela lepida</i> | little white tiger beetle | - | INV | G3G4 | S2S3 |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Ptychobranthus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Uniomerus declivis</i> | tapered pondhorn | - | INV | G5Q | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ammodramus henslowii</i> | Henslow's Sparrow | - | INV | G4 | S1B,S2N |
| <i>Chrysemys picta 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>Myotis austroriparius</i> | southeastern myotis | - | INV | G3G4 | S3 |
| <i>Nerodia cyclopion</i> | Mississippi green water snake | - | INV | G5 | S3 |
| <i>Notropis perpalidus</i> | peppered shiner | - | INV | G3 | S2 |
| <i>Pantherophis emoryi</i> | Great Plains rat snake | - | INV | G5 | S3 |
| <i>Percina uranidea</i> | stargazing darter | - | INV | G3 | S3 |
| <i>Picoides borealis</i> | Red-cockaded Woodpecker | LE | INV | G3 | S2 |
| <i>Pteronotrops hubbsi</i> | bluehead shiner | - | INV | G3 | S3 |
| <i>Rana areolata circulosa</i> | northern crawfish frog | - | INV | G4T4 | S2 |
| Plants-Vascular | | | | | |
| <i>Anthaenania texana</i> | Kral's silkyscale | - | INV | G3G4 | S3 |
| <i>Asclepias obovata</i> | savannah milkweed | - | INV | G5? | S2 |
| <i>Calopogon oklahomensis</i> | Oklahoma grass-pink | - | INV | G4? | S2 |
| <i>Draba aprica</i> | open-ground whitlow-grass | - | ST | G3 | S2 |
| <i>Evolvulus sericeus</i> | silver dwarf morning glory | - | ST | G5 | S1 |
| <i>Geocarpon minimum</i> | geocarpon | LT | SE | G2 | S2 |
| <i>Helianthemum rosmarinifolium</i> | rockrose | - | INV | G4 | S1 |
| <i>Hypericum nudiflorum</i> | early St. Johnswort | - | INV | G5 | S1S2 |
| <i>Krigia occidentalis</i> | western dwarf dandelion | - | INV | G5 | S3 |
| <i>Oenothera pilosella ssp. sessilis</i> | prairie evening primrose | - | ST | G5T2 | S2 |
| <i>Potamogeton pulcher</i> | spotted pondweed | - | INV | G5 | S3 |
| <i>Prenanthes barbata</i> | barbed rattlesnake root | - | INV | G3 | S2 |

Drew County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|----------------------------------|----------------|--------------|-------------|------------|
| <i>Saxifraga virginiana</i> | early saxifrage | - | INV | G5 | S3 |
| <i>Schoenolirion wrightii</i> | Texas sunnysbells | - | ST | G3 | S2S3 |
| <i>Setaria magna</i> | giant bristlegrass | - | INV | G4G5 | SH |
| <i>Spiranthes lacera</i> var. <i>lacera</i> | northern slender ladies'-tresses | - | INV | G5T5 | S1 |
| <i>Spiranthes odorata</i> | fragrant ladies'-tresses | - | INV | G5 | S1 |
| <i>Sporobolus junceus</i> | pineywoods dropseed | - | ST | G5 | S1S2 |
| <i>Stylisma aquatica</i> | water dawnflower | - | INV | G4 | S1S2 |
| <i>Symphotrichum pratense</i> | an aster | - | ST | G4? | S2 |
| Special Elements-Natural Communities | | | | | |
| Lowland oak-sweetgum forest | | - | INV | GNR | S1 |
| Lowland pine-oak forest | | - | INV | GNR | S1 |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Cicindela hirticollis</i> | beach-dune tiger beetle | - | INV | G5 | S2S3 |
| <i>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 | G2 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Atractosteus spatula</i> | alligator gar | - | INV | G3G4 | S2? |
| <i>Cemophora coccinea copei</i> | northern scarlet snake | - | INV | G5T5 | S3 |
| <i>Chrysemys picta dorsalis</i> | southern painted turtle | - | INV | G5 | S3 |
| <i>Deirochelys reticularia miaria</i> | western chicken turtle | - | INV | G5T5 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Ophisaurus attenuatus attenuatus</i> | western slender glass lizard | - | INV | G5T5 | S3 |
| <i>Pandion haliaetus</i> | Osprey | - | INV | G5 | S1B,S4N |
| <i>Pseudacris streckeri</i> | Strecker's chorus frog | - | INV | G5 | S2 |
| <i>Rana areolata circulosa</i> | northern crawfish frog | - | INV | G4T4 | S2 |
| <i>Regina septemvittata</i> | queen snake | - | INV | G5 | S2 |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| <i>Thryomanes bewickii</i> | Bewick's Wren | - | INV | G5 | S2B,S3N |
| Plants-Vascular | | | | | |
| <i>Asclepias obovata</i> | savannah milkweed | - | INV | G5? | S2 |
| <i>Carex fissa var. fissa</i> | a caric sedge | - | INV | G4?T3T4 | S1 |
| <i>Carex normalis</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex opaca</i> | a caric sedge | - | SE | G5T4 | S2S3 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Claytonia ozarkensis</i> | Ozark spring beauty | - | INV | G1G3Q | S2 |
| <i>Draba aprica</i> | open-ground whitlow-grass | - | ST | G3 | S2 |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | - | INV | G3G4 | S3 |
| <i>Gymnopogon brevifolius</i> | shortleaf skeletongrass | - | INV | G5 | S2 |
| <i>Heuchera villosa var. arkansana</i> | Arkansas alumroot | - | INV | G5T3Q | S3 |
| <i>Minuartia drummondii</i> | a sandwort | - | INV | G5 | S2S3 |
| <i>Nemastylis nuttallii</i> | Nuttall's pleat-leaf | - | INV | G4 | S2 |
| <i>Neviusia alabamensis</i> | Alabama snow wreath | - | ST | G2 | S1S2 |
| <i>Paronychia virginica</i> | nailwort | - | INV | G4 | S2 |
| <i>Paspalum bifidum</i> | pitchfork paspalum | - | INV | G5 | SH |
| <i>Philadelphus hirsutus</i> | mock orange | - | INV | G5 | S2S3 |
| <i>Platanthera peramoena</i> | purple fringeless-orchid | - | ST | G5 | S2 |
| <i>Podostemum ceratophyllum</i> | riverweed | - | INV | G5 | S3 |
| <i>Potamogeton pulcher</i> | spotted pondweed | - | INV | G5 | S3 |
| <i>Potentilla arguta</i> | tall cinquefoil | - | ST | G5 | S1S2 |
| <i>Prenanthes aspera</i> | rough rattlesnake-root | - | INV | G4? | S1S2 |
| <i>Rhynchospora cephalantha</i> | capitate beakrush | - | INV | G5 | SH |

Faulkner County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|--------------------------|-----------------------|---------------------|--------------------|-------------------|
| <i>Rudbeckia maxima</i> | giant coneflower | - | INV | G4? | S3 |
| <i>Spiranthes odorata</i> | fragrant ladies'-tresses | - | INV | G5 | S1 |
| <i>Streptanthus maculatus ssp. obtusifolius</i> | Arkansas twistflower | - | INV | G3T3 | S3 |
| <i>Valerianella ozarkana</i> | Ozark cornsalad | - | INV | G3 | S3 |
| Special Elements-Natural Communities | | | | | |
| Central Interior Highlands Dry Acidic Glade and Barrens | | - | INV | GNR | SNR |
| Upland Headwater Stream-Arkansas Valley | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|---------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Acalypta lillianus</i> | a lace bug | - | INV | G3 | SNR |
| <i>Atrytone arogos</i> | arogos skipper | - | INV | G3 | S1 |
| <i>Bombus fervidus</i> | golden northern bumblebee | - | INV | GNR | S1 |
| <i>Cambarus causeyi</i> | a crayfish | - | INV | G2 | S1 |
| <i>Cicindela macra</i> | sandy stream tiger beetle | - | INV | G5 | S2S3 |
| <i>Cycnia inopinatus</i> | unexpected tiger moth | - | INV | G4 | S1 |
| <i>Gryllotalpa major</i> | prairie mole cricket | - | INV | G3 | S1S2 |
| <i>Laphria vorax</i> | a robberfly | - | INV | GNR | S1 |
| <i>Nicrophorus americanus</i> | American burying beetle | LE | INV | G2G3 | S1 |
| <i>Orconectes williamsi</i> | William's crayfish | - | INV | G3G4 | S1 |
| <i>Tetraopes quinque maculatus</i> | a red milkweed beetle | - | INV | GNR | S1S2 |
| <i>Tetraopes texanus</i> | a red milkweed beetle | - | INV | GNR | S1S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Aimophila ruficeps</i> | Rufous-crowned Sparrow | - | INV | G5 | S1 |
| <i>Alosa alabamiae</i> | Alabama shad | - | INV | G3 | S1S2 |
| <i>Ammodramus henslowii</i> | Henslow's Sparrow | - | INV | G4 | S1B,S2N |
| <i>Corynorhinus townsendii ingens</i> | Ozark big-eared bat | LE | INV | G4T1 | S1 |
| <i>Crotaphytus collaris</i> | eastern collared lizard | - | INV | G5 | S3 |
| <i>Dendroica cerulea</i> | Cerulean Warbler | - | INV | G4 | S4B |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Myotis sodalis</i> | Indiana bat | LE | INV | G2 | S1 |
| <i>Percina nasuta</i> | longnose darter | - | INV | G3 | S2 |
| <i>Percina phoxocephala</i> | slenderhead darter | - | INV | G5 | S2 |
| <i>Plethodon angusticlavius</i> | Ozark zigzag salamander | - | INV | G4 | S3 |
| <i>Pseudacris streckeri</i> | Strecker's chorus frog | - | INV | G5 | S2 |
| <i>Rana areolata circulosa</i> | northern crawfish frog | - | INV | G4T4 | S2 |
| <i>Rana sylvatica</i> | wood frog | - | INV | G5 | S3 |
| <i>Regina septemvittata</i> | queen snake | - | INV | G5 | S2 |
| <i>Scaphiopus hurterii</i> | Hurter's spadefoot | - | INV | G5 | S2 |
| <i>Taxidea taxus</i> | American badger | - | INV | G5 | S1S2 |
| <i>Terrapene ornata ornata</i> | ornate box turtle | - | INV | G5T5 | S2 |
| Plants-Vascular | | | | | |
| <i>Amorpha ouachitensis</i> | Ouachita indigo bush | - | INV | G3Q | S3 |
| <i>Antennaria neglecta</i> | field pussytoes | - | INV | G5 | S1 |
| <i>Calopogon oklahomensis</i> | Oklahoma grass-pink | - | INV | G4? | S2 |
| <i>Carex cumberlandensis</i> | Cumberland caric sedge | - | INV | GNR | S1 |
| <i>Carex fissa</i> var. <i>fissa</i> | a caric sedge | - | INV | G4?T3T4 | S1 |
| <i>Carex lupuliformis</i> | hop sedge | - | INV | G4 | S1S2 |
| <i>Carex opaca</i> | a caric sedge | - | SE | G5T4 | S2S3 |
| <i>Castanea pumila</i> var. <i>ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | - | INV | G3G4 | S3 |
| <i>Eriocaulon koernickianum</i> | small-headed pipewort | - | SE | G2 | S2 |

Franklin County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------|----------------|--------------|-------------|------------|
| <i>Erythronium mesochoreum</i> | prairie trout lily | - | INV | G4G5 | S1S2 |
| <i>Euphorbia hexagona</i> | six-angled spurge | - | INV | G5 | S2 |
| <i>Euphorbia longicuris</i> | wedgeleaf spurge | - | INV | G4G5 | S1 |
| <i>Galium texense</i> | Texas bedstraw | - | INV | G4 | S1 |
| <i>Gentiana puberulenta</i> | downy gentian | - | INV | G4G5 | S2 |
| <i>Geocarpon minimum</i> | geocarpon | LT | SE | G2 | S2 |
| <i>Gratiola brevifolia</i> | sticky hedge-hyssop | - | INV | G4 | S3 |
| <i>Gymnopogon brevifolius</i> | shortleaf skeletongrass | - | INV | G5 | S2 |
| <i>Helianthus occidentalis ssp. plantagineus</i> | plantain-leaf sunflower | - | INV | G5T2T3 | S1 |
| <i>Heuchera villosa var. arkansana</i> | Arkansas alumroot | - | INV | G5T3Q | S3 |
| <i>Hieracium scabrum</i> | rough hawkweed | - | INV | G5 | S2 |
| <i>Huperzia lucidula</i> | shining club-moss | - | INV | G5 | S2S3 |
| <i>Iva angustifolia</i> | slender marsh elder | - | INV | G5? | S1 |
| <i>Krigia occidentalis</i> | western dwarf dandelion | - | INV | G5 | S3 |
| <i>Lithospermum incisum</i> | fringed puccoon | - | INV | G5 | S2S3 |
| <i>Mimulus floribundus</i> | yellow monkey flower | - | INV | G5 | S2S3 |
| <i>Nemastylis nuttallii</i> | Nuttall's pleat-leaf | - | INV | G4 | S2 |
| <i>Podostemum ceratophyllum</i> | riverweed | - | INV | G5 | S3 |
| <i>Prenanthes aspera</i> | rough rattlesnake-root | - | INV | G4? | S1S2 |
| <i>Rhynchospora macrostachya</i> | a beakrush | - | INV | G4 | S1S2 |
| <i>Rosa foliolosa</i> | white prairie rose | - | INV | G5 | S2 |
| <i>Scleria muehlenbergii</i> | Muhlenberg's nutsedge | - | INV | G5 | S1S2 |
| <i>Sporobolus pyramidatus</i> | whorled dropseed | - | ST | G5 | S2 |
| <i>Stachys iltisii</i> | hedgenettle | - | INV | GNR | S3 |
| <i>Tradescantia ozarkana</i> | Ozark spiderwort | - | INV | G3 | S3 |
| <i>Valerianella nuttallii</i> | Nuttall's cornsalad | - | INV | G2? | S2 |
| <i>Valerianella ozarkana</i> | Ozark cornsalad | - | INV | G3 | S3 |
| <i>Viola canadensis var. canadensis</i> | Canada violet | - | INV | G5T5 | S2 |
| Special Elements-Natural Communities | | | | | |
| Arkansas Valley Prairie and Woodland | | - | INV | GNR | SNR |
| Central Interior Highlands Dry Acidic Glade and Barrens | | - | INV | GNR | SNR |
| Ozark-Ouachita Dry-Mesic Oak Forest | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Geological feature | | - | INV | GNR | SNR |

Arkansas Natural Heritage Commission
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Fulton County

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|---------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Cicindela purpurea</i> | cow path tiger beetle | - | INV | G5 | S3 |
| <i>Cyclonaias tuberculata</i> | purple wartyback | - | INV | G5 | S3? |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Epioblasma florentina curtisi</i> | Curtis pearlymussel | LE | INV | G1T1 | S1 |
| <i>Lampsilis satura</i> | sandbank pocketbook | - | INV | G2 | S2 |
| <i>Lampsilis siliquoidea</i> | fatmucket | - | INV | G5 | S3 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Leptodea leptodon</i> | scaleshell | LE | INV | G1G2 | S1 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Ophiogomphus westfalli</i> | Ozark snaketail dragonfly | - | INV | G3 | S1S2 |
| <i>Orconectes eupunctus</i> | coldwater crayfish | - | INV | G2 | S1 |
| <i>Orconectes marchandi</i> | Mammoth Spring crayfish | - | INV | G2 | S2 |
| <i>Orconectes neglectus chaenodactylus</i> | ringed crayfish | - | INV | G5T3 | S2 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Venustaconcha ellipsiformis</i> | ellipse | - | INV | G4 | S1 |
| <i>Venustaconcha pleasii</i> | bleedingtooth mussel | - | INV | G3G4 | S3 |
| <i>Villosa iris</i> | rainbow | - | INV | G5Q | S2S3 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma tigrinum tigrinum</i> | eastern tiger salamander | - | INV | G5T5 | S3 |
| <i>Ammodramus henslowii</i> | Henslow's Sparrow | - | INV | G4 | S1B,S2N |
| <i>Crotaphytus collaris</i> | eastern collared lizard | - | INV | G5 | S3 |
| <i>Cryptobranhus alleganiensis bishopi</i> | Ozark Hellbender | C | INV | G3G4T2Q | S2 |
| <i>Erimystax haryi</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>Moxostoma pisolabrum</i> | pealip redhorse | - | INV | G5 | S2? |
| <i>Pteronotropis hubbsi</i> | bluehead shiner | - | INV | G3 | S3 |
| <i>Typhlichthys subterraneus</i> | southern cavefish | - | INV | G3G4 | S1 |
| Plants-Vascular | | | | | |
| <i>Asclepias incarnata ssp. incarnata</i> | northern swamp milkweed | - | INV | G5T5 | S2 |
| <i>Carex aggregata</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex davisii</i> | Davis' caric sedge | - | INV | G4 | S3 |
| <i>Carex interior</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex leptalea var. harperi</i> | threadstem caric sedge | - | INV | G5T4T5 | S2S3 |
| <i>Carex mesochorea</i> | a caric sedge | - | INV | G4G5 | S2 |
| <i>Carex opaca</i> | a caric sedge | - | SE | G5T4 | S2S3 |
| <i>Carex shortiana</i> | Short's caric sedge | - | INV | G5 | S2 |

Fulton County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|----------------------------|----------------|--------------|-------------|------------|
| <i>Carex suberecta</i> | a caric sedge | - | INV | G4 | S2 |
| <i>Dalea gattingeri</i> | Gattinger's prairie clover | - | INV | G3G4 | S2 |
| <i>Delphinium treleasei</i> | Trelease's larkspur | - | INV | G3 | S3 |
| <i>Desmodium illinoense</i> | Illinois tick trefoil | - | INV | G5 | S2 |
| <i>Dulichium arundinaceum var. arundinaceum</i> | threeway sedge | - | INV | G5TNR | S2S3 |
| <i>Echinacea paradoxa var. paradoxa</i> | Bush's yellow coneflower | - | ST | G2T2 | S2 |
| <i>Leavenworthia uniflora</i> | glade cress | - | INV | G4 | S3 |
| <i>Mimulus ringens var. ringens</i> | monkey flower | - | INV | G5T5 | S1S2 |
| <i>Nemastylis geminiflora</i> | celestial lily | - | INV | G4 | S3 |
| <i>Pedicularis lanceolata</i> | swamp lousewort | - | INV | G5 | S1 |
| <i>Pediomelum esculentum</i> | prairie turnip | - | INV | G5 | S2 |
| <i>Penstemon cobaea</i> | showy beard-tongue | - | INV | G4 | S3 |
| <i>Phlox bifida</i> | sand phlox | - | INV | G5? | S3 |
| <i>Pogonia ophioglossoides</i> | rose pogonia | - | ST | G5 | S2 |
| <i>Pycnanthemum virginianum</i> | Virginia mountain mint | - | INV | G5 | S1S2 |
| <i>Ranunculus aquatilis var. diffusus</i> | white water crowfoot | - | INV | G5T5 | S2S3 |
| <i>Salix sericea</i> | silky willow | - | SE | G5 | SH |
| <i>Scleria muehlenbergii</i> | Muhlenberg's nutsedge | - | INV | G5 | S1S2 |
| <i>Scutellaria bushii</i> | Bush's skullcap | - | ST | G3 | S2 |
| <i>Zannichellia palustris</i> | horned pondweed | - | INV | G5 | S2S3 |

Special Elements-Natural Communities

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

Special Elements-Other

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

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|---------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alloperla caddo</i> | Caddo sallfly | - | INV | G2 | S1 |
| <i>Cordulegaster talaria</i> | Ouachita spiketail | - | INV | G1G3 | S1 |
| <i>Fallicambarus harpi</i> | a crayfish | - | INV | G2 | S1 |
| <i>Fallicambarus jeanae</i> | a crayfish | - | INV | G2 | S2 |
| <i>Lampsilis powellii</i> | Arkansas fatmucket | LT | INV | G2 | S2 |
| <i>Lampsilis satura</i> | sandbank pocketbook | - | INV | G2 | S2 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Villosa arkansasensis</i> | Ouachita creekshell | - | INV | G2 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma annulatum</i> | ringed salamander | - | INV | G4 | S3 |
| <i>Ambystoma talpoideum</i> | mole salamander | - | INV | G5 | S3 |
| <i>Crotalus atrox</i> | western diamondback rattlesnake | - | INV | G5 | S2 |
| <i>Desmognathus conanti</i> | spotted dusky salamander | - | INV | G5 | S1 |
| <i>Etheostoma pallididorsum</i> | paleback darter | - | INV | G2 | S2 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hemidactylium scutatum</i> | four-toed salamander | - | INV | G5 | S3 |
| <i>Myotis austroriparius</i> | southeastern myotis | - | INV | G3G4 | S3 |
| <i>Noturus lachneri</i> | Ouachita madtom | - | INV | G2 | S2 |
| <i>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 ouachitae</i> | Rich Mountain salamander | - | INV | G2G3 | S2 |
| <i>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| <i>Regina rigida sinicola</i> | gulf crayfish snake | - | INV | G5T5 | S3 |
| <i>Regina septemvittata</i> | queen snake | - | INV | G5 | S2 |
| Plants-Non-vascular | | | | | |
| <i>Phormidium treleasei</i> | A blue-green alga | - | INV | GNR | S2 |
| Plants-Vascular | | | | | |
| <i>Acer saccharum var. leucoderme</i> | chalk maple | - | INV | G5 | S2S3 |
| <i>Amorpha ouachitensis</i> | Ouachita indigo bush | - | INV | G3Q | S3 |
| <i>Amsonia hubrichtii</i> | Ouachita bluestar | - | INV | G3 | S3 |
| <i>Asplenium pinnatifidum</i> | lobed spleenwort | - | INV | G4 | S3 |
| <i>Asplenium x ebenoides</i> | Scott's hybrid spleenwort | - | INV | GNA | S1 |
| <i>Asplenium x gravesii</i> | Grave's hybrid spleenwort | - | INV | GNA | S1 |
| <i>Carex atlantica ssp. atlantica</i> | a caric sedge | - | INV | G5T4 | S2 |
| <i>Carex bromoides ssp. bromoides</i> | a caric sedge | - | INV | G5T5 | S2 |
| <i>Carex laevivaginata</i> | a caric sedge | - | INV | G5 | S2 |
| <i>Carex latebracteata</i> | Waterfall's sedge | - | ST | G3 | S3 |
| <i>Carex leptalea var. harperi</i> | threadstem caric sedge | - | INV | G5T4T5 | S2S3 |

Garland County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|---------------------------|----------------|--------------|-------------|------------|
| <i>Carex pensylvanica</i> | Pennsylvania caric sedge | - | INV | G5 | S3 |
| <i>Carex stricta</i> | tussock sedge | - | INV | G5 | S3 |
| <i>Carex willdenowii</i> | Willdenow's caric sedge | - | INV | G5 | S1 |
| <i>Castanea pumila</i> var. <i>ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Cirsium muticum</i> | swamp thistle | - | ST | G5 | S1 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Draba aprica</i> | open-ground whitlow-grass | - | ST | G3 | S2 |
| <i>Dryopteris celsa</i> | log fern | - | INV | G4 | S2 |
| <i>Dryopteris x australis</i> | southern hybrid log fern | - | INV | GNA | S1 |
| <i>Erythronium mesochoreum</i> | prairie trout lily | - | INV | G4G5 | S1S2 |
| <i>Euphorbia longicuris</i> | wedgeleaf spurge | - | INV | G4G5 | S1 |
| <i>Galium arkansanum</i> var. <i>pubiflorum</i> | Arkansas bedstraw | - | INV | G5T2Q | S2 |
| <i>Gaylussacia baccata</i> | black huckleberry | - | INV | G5 | S3 |
| <i>Gratiola brevifolia</i> | sticky hedge-hyssop | - | INV | G4 | S3 |
| <i>Hedyotis ouachitana</i> | Ouachita bluets | - | INV | G3 | S3 |
| <i>Helianthus occidentalis</i> ssp. <i>plantagineus</i> | plantain-leaf sunflower | - | INV | G5T2T3 | S1 |
| <i>Hydrophyllum brownei</i> | Browne's waterleaf | - | INV | G2 | S2 |
| <i>Ilex decidua</i> var. <i>longipes</i> | Georgia holly | - | INV | G5 | S3 |
| <i>Liatris compacta</i> | Ouachita blazing star | - | INV | G5T3 | S3 |
| <i>Liparis loeselii</i> | fen orchid | - | ST | G5 | S1 |
| <i>Melanthium woodii</i> | false hellebore | - | INV | G5 | S3 |
| <i>Paronychia virginica</i> | nailwort | - | INV | G4 | S2 |
| <i>Phacelia strictiflora</i> var. <i>robbinsii</i> | Robbin's scorpionweed | - | INV | G5T4 | S1S2 |
| <i>Physaria filiformis</i> | Missouri bladderpod | LT | INV | G3 | S1 |
| <i>Platanthera cristata</i> | yellow crested-orchid | - | INV | G5 | S1S2 |
| <i>Ptilimnium nodosum</i> | harperella | LE | INV | G2 | S2 |
| <i>Rosa foliolosa</i> | white prairie rose | - | INV | G5 | S2 |
| <i>Rudbeckia maxima</i> | giant coneflower | - | INV | G4? | S3 |
| <i>Sanicula smallii</i> | black snakeroot | - | INV | G5 | S3 |
| <i>Scutellaria cardiophylla</i> | heartleaf skullcap | - | INV | G4? | S1 |
| <i>Stachys iltisii</i> | hedgenettle | - | 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>Symphyotrichum sericeum</i> | silky aster | - | INV | G5 | S2 |
| <i>Thalictrum arkansanum</i> | Arkansas meadow rue | - | ST | G2Q | S2 |
| <i>Tradescantia longipes</i> | dwarf spiderwort | - | INV | G4 | S2 |
| <i>Trautvetteria caroliniensis</i> | false bugbane | - | INV | G5 | S1 |
| <i>Trichomanes petersii</i> | dwarf bristle fern | - | ST | G4G5 | S2 |
| <i>Uvularia perfoliata</i> | perfoliate bellwort | - | INV | G5 | S3 |
| <i>Valerianella nuttallii</i> | Nuttall's cornsalad | - | INV | G2? | S2 |
| <i>Valerianella palmeri</i> | Palmer's cornsalad | - | INV | G3 | S3 |
| <i>Vernonia lettermannii</i> | Letterman's ironweed | - | INV | G3 | S3 |

Special Elements-Natural Communities

| | | | | |
|--|---|-----|-----|-----|
| Ouachita Mountain Forested Seep | - | INV | GNR | SNR |
| Ouachita Novaculite Glade and Woodland | - | INV | GNR | SNR |
| Ozark-Ouachita Shortleaf Pine-Oak Forest | - | INV | GNR | SNR |
| Spring-Ouachita Mountains | - | INV | GNR | SNR |

Special Elements-Other

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

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|-------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Caecidotea dentadactyla</i> | an isopod | - | INV | GNR | S1 |
| <i>Caecidotea obtusa</i> | an isopod | - | INV | GNR | S1 |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Lampsilis ornata</i> | southern pocketbook | - | INV | G5 | S1 |
| <i>Lampsilis powellii</i> | Arkansas fatmucket | LT | INV | G2 | S2 |
| <i>Lampsilis satura</i> | sandbank pocketbook | - | INV | G2 | S2 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Pleurobema cordatum</i> | Ohio pigtoe | - | INV | G4 | S1 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Procambarus parasimulans</i> | a crayfish | - | INV | G4 | S2 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Uniomerus tetralasmus</i> | pondhorn | - | INV | G5 | S2 |
| <i>Villosa arkansasensis</i> | Ouachita creekshell | - | INV | G2 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Crystallaria asprella</i> | crystal darter | - | INV | G3 | S2? |
| <i>Etheostoma parvipinne</i> | goldstripe darter | - | INV | G4G5 | S2 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Limnothlypis swainsonii</i> | Swainson's Warbler | - | INV | G4 | S3B |
| <i>Notropis perpallidus</i> | peppered shiner | - | INV | G3 | S2 |
| <i>Percina uranidea</i> | stargazing darter | - | INV | G3 | S3 |
| <i>Picoides borealis</i> | Red-cockaded Woodpecker | LE | INV | G3 | S2 |
| <i>Regina rigida sinicola</i> | gulf crayfish snake | - | INV | G5T5 | S3 |
| Plants-Vascular | | | | | |
| <i>Carex bullata</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Platanthera cristata</i> | yellow crested-orchid | - | INV | G5 | S1S2 |
| <i>Prenanthes barbata</i> | barbed rattlesnake root | - | INV | G3 | S2 |
| <i>Ranunculus flabellaris</i> | yellow water crowfoot | - | INV | G5 | S3 |
| <i>Xyris ambigua</i> | a yellow-eyed grass | - | INV | G5 | S2 |
| Special Elements-Other | | | | | |
| 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 |
|---|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Caecidotea foxi</i> | an isopod | - | INV | GNR | S1 |
| <i>Ligidium elrodii</i> | an isopod | - | INV | G4G5 | S2 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Uniomereus declivis</i> | tapered pondhorn | - | INV | G5Q | S2 |
| <i>Uniomereus tetralasmus</i> | pondhorn | - | INV | G5 | S2 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma talpoideum</i> | mole salamander | - | INV | G5 | S3 |
| <i>Carphophis amoenus helenae</i> | midwest worm snake | - | INV | G5T5 | S2 |
| <i>Cemophora coccinea copei</i> | northern scarlet snake | - | INV | G5T5 | S3 |
| <i>Chrysemys picta dorsalis</i> | southern painted turtle | - | INV | G5 | S3 |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Cycleptus elongatus</i> | blue sucker | - | INV | G3G4 | S2 |
| <i>Etheostoma parvipinne</i> | goldstripe darter | - | INV | G4G5 | S2 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Moxostoma pisolabrum</i> | pealip redhorse | - | INV | G5 | S2? |
| <i>Nerodia cyclopion</i> | Mississippi green water snake | - | INV | G5 | S3 |
| <i>Notropis maculatus</i> | taillight shiner | - | INV | G5 | S3 |
| <i>Regina grahamii</i> | Graham's crayfish snake | - | INV | G5 | S2 |
| Plants-Vascular | | | | | |
| <i>Aristida lanosa</i> | woolly threeawn | - | INV | G5 | S2 |
| <i>Carex bromoides ssp. bromoides</i> | a caric sedge | - | INV | G5T5 | S2 |
| <i>Carex normalis</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex stricta</i> | tussock sedge | - | INV | G5 | S3 |
| <i>Chelone glabra</i> | white turtlehead | - | INV | G5 | S1 |
| <i>Chelone obliqua var. speciosa</i> | rose turtlehead | - | SE | G4T3 | SH |
| <i>Cuscuta coryli</i> | hazel dodder | - | INV | G5? | SU |
| <i>Dulichium arundinaceum var. arundinaceum</i> | threeway sedge | - | INV | G5TNR | S2S3 |
| <i>Juglans cinerea</i> | butternut | - | INV | G4 | S3 |
| <i>Leitneria floridana</i> | corkwood | - | INV | G3 | S3 |
| <i>Sanicula smallii</i> | black snakeroot | - | INV | G5 | S3 |
| <i>Scirpus polyphyllus</i> | leafy bulrush | - | INV | G5 | S2 |
| <i>Spiraea tomentosa</i> | hardhack | - | INV | G5 | S2 |
| <i>Tradescantia virginiana</i> | Virginia spiderwort | - | INV | G5 | S1 |
| Special Elements-Natural Communities | | | | | |
| Mississippi River Alluvial Plain Dry-Mesic Loess Slope Forest | | - | INV | GNR | SNR |
| Ouachita Mountain Forested Seep | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---------------------------------------|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Amblyscirtes belli</i> | Bell's roadside skipper | - | INV | G3G4 | S3S4 |
| <i>Arkansia wheeleri</i> | Ouachita rock pocketbook | LE | INV | G1 | S1 |
| <i>Atomosia arkansensis</i> | Arkansas robberfly | - | INV | GNR | S1 |
| <i>Bouchardina robisoni</i> | a crayfish | - | INV | G1 | S1 |
| <i>Cicindela hirticollis</i> | beach-dune tiger beetle | - | INV | G5 | S2S3 |
| <i>Euphyes dukesi</i> | Duke's skipper | - | INV | G3 | S1S2 |
| <i>Gomphus ozarkensis</i> | Ozark Clubtail Dragonfly | - | INV | G4 | S1 |
| <i>Hoperius planatus</i> | aquatic beetle | - | INV | GNR | SNR |
| <i>Lampsilis satura</i> | sandbank pocketbook | - | INV | G2 | S2 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| <i>Microstylum morosum</i> | giant prairie robber fly | - | INV | G3G4 | S1 |
| <i>Mydas brunneus</i> | golden mydas fly | - | INV | GNR | S1 |
| <i>Nicrophorus americanus</i> | American burying beetle | LE | INV | G2G3 | S1 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Speyeria diana</i> | Diana | - | INV | G3G4 | S2S3 |
| <i>Tetraopes texanus</i> | a red milkweed beetle | - | INV | GNR | S1S2 |
| <i>Uniomerus tetralasmus</i> | pondhorn | - | INV | G5 | S2 |
| Animals-Vertebrates | | | | | |
| <i>Ammocrypta clara</i> | western sand darter | - | INV | G3 | S2? |
| <i>Ammodramus henslowii</i> | Henslow's Sparrow | - | INV | G4 | S1B,S2N |
| <i>Chrysemys picta dorsalis</i> | southern painted turtle | - | INV | G5 | S3 |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Cycleptus elongatus</i> | blue sucker | - | INV | G3G4 | S2 |
| <i>Egretta tricolor</i> | Tricolored Heron | - | INV | G5 | S3B,S3N |
| <i>Erimyzon sucetta</i> | lake chubsucker | - | INV | G5 | S2? |
| <i>Eudocimus albus</i> | White Ibis | - | INV | G5 | S1B |
| <i>Eurycea quadridigitata</i> | dwarf salamander | - | INV | G5 | S3 |
| <i>Gallinula chloropus</i> | Common Moorhen | - | INV | G5 | S1B,S2N |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hiodon alosoides</i> | goldeye | - | INV | G5 | S2? |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Lampropeltis triangulum amaura</i> | Louisiana milk snake | - | INV | G5T4 | S3 |
| <i>Micrurus tener tener</i> | Texas coral snake | - | INV | G5T5 | S2 |
| <i>Myotis austroriparius</i> | southeastern myotis | - | INV | G3G4 | S3 |
| <i>Nerodia cyclopion</i> | Mississippi green water snake | - | INV | G5 | S3 |
| <i>Notiosorex crawfordi</i> | Crawford's gray shrew | - | INV | G5 | S2 |
| <i>Notropis bairdi</i> | Red River shiner | - | INV | G4 | SH |
| <i>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| <i>Porphyrio martinica</i> | Purple Gallinule | - | INV | G5 | S1B |
| <i>Regina rigida sinicola</i> | gulf crayfish snake | - | INV | G5T5 | S3 |
| <i>Reithrodontomys humulis</i> | eastern harvest mouse | - | INV | G5 | S2 |
| <i>Scaphiopus holbrookii</i> | eastern spadefoot | - | INV | G5 | S2 |
| <i>Scaphiopus hurterii</i> | Hurter's spadefoot | - | INV | G5 | S2 |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |

Hempstead County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------|----------------|--------------|-------------|------------|
| Plants-Vascular | | | | | |
| <i>Agalinis auriculata</i> | earleaf false-foxglove | - | INV | G3 | S1 |
| <i>Allium drummondii</i> | Drummond's wild onion | - | INV | G5 | S1 |
| <i>Aristida lanosa</i> | woolly threeawn | - | INV | G5 | S2 |
| <i>Astragalus crassicaupus var. crassicaupus</i> | a ground plum | - | INV | G5T5 | S2 |
| <i>Carex arkansana</i> | Arkansas caric sedge | - | INV | G4 | S1 |
| <i>Carex comosa</i> | a caric sedge | - | INV | G5 | S1S2 |
| <i>Carex decomposita</i> | epiphytic caric sedge | - | INV | G3 | S2 |
| <i>Carex leptalea var. harperi</i> | threadstem caric sedge | - | INV | G5T4T5 | S2S3 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Delphinium carolinianum ssp. virescens</i> | Carolina larkspur | - | INV | G5T5 | S2 |
| <i>Diaperia prolifera</i> | rabbit tobacco | - | INV | G5 | S1S3 |
| <i>Didiplis diandra</i> | water purslane | - | INV | G5 | S1S3 |
| <i>Echinodorus berteroi</i> | upright burhead | - | INV | G5 | S1S3 |
| <i>Eleocharis flavescens</i> | pale spike rush | - | INV | G5 | S1S2 |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | - | INV | G3G4 | S3 |
| <i>Helianthemum bicknellii</i> | frostweed | - | INV | G5 | SH |
| <i>Lithospermum tuberosum</i> | a pucoon | - | INV | G4 | S2 |
| <i>Nemastylis geminiflora</i> | celestial lily | - | INV | G4 | S3 |
| <i>Penstemon cobaea</i> | showy beard-tongue | - | INV | G4 | S3 |
| <i>Potamogeton pulcher</i> | spotted pondweed | - | INV | G5 | S3 |
| <i>Pycnanthemum virginianum</i> | Virginia mountain mint | - | INV | G5 | S1S2 |
| <i>Quercus arkansana</i> | Arkansas oak | - | INV | G3 | S3 |
| <i>Quercus sinuata</i> | Durand's white oak | - | ST | G4G5 | S2 |
| <i>Ranunculus aquatilis var. diffusus</i> | white water crowfoot | - | INV | G5T5 | S2S3 |
| <i>Ranunculus flabellaris</i> | yellow water crowfoot | - | INV | G5 | S3 |
| <i>Rhynchospora cephalantha</i> | capitate beakrush | - | INV | G5 | SH |
| <i>Rudbeckia maxima</i> | giant coneflower | - | INV | G4? | S3 |
| <i>Schoenoplectus californicus</i> | California bulrush | - | INV | G5 | S1S2 |
| <i>Sisyrinchium minus</i> | dwarf blue-eyed grass | - | INV | G5? | S1 |
| <i>Sophora affinis</i> | Eve's necklace | - | INV | G4 | S2S3 |
| <i>Spiranthes praecox</i> | giant ladies'-tresses | - | INV | G5 | S1S2 |
| <i>Stenosiphon linifolius</i> | false gaura | - | ST | G5 | S1 |
| <i>Thalictrum arkansanum</i> | Arkansas meadow rue | - | ST | G2Q | S2 |
| <i>Thelesperma flavodiscum</i> | east Texas goldthread | - | INV | G4 | S1 |
| <i>Valerianella amarella</i> | hairy cornsalad | - | INV | GNR | S1 |
| <i>Vicia ludoviciana ssp. leavenworthii</i> | deer pea vetch | - | INV | G5T5 | S1S2 |
| Special Elements-Natural Communities | | | | | |
| Back swamp | | - | INV | GNR | SNR |
| Cypress swamp | | - | INV | GNR | S3 |
| Sugarberry-elm-ash forest | | - | INV | GNR | SNR |
| West Gulf Coastal Plain Northern Calcareous Prairie | | - | INV | GNR | SNR |
| Willow oak forest | | - | INV | GNR | S2 |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|---------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Allocapnia malverna</i> | a winter stonefly | - | INV | G4 | SNR |
| <i>Arkansia wheeleri</i> | Ouachita rock pocketbook | LE | INV | G1 | S1 |
| <i>Fallicambarus harpi</i> | a crayfish | - | INV | G2 | S1 |
| <i>Fallicambarus jeanae</i> | a crayfish | - | INV | G2 | S2 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Lampsilis powellii</i> | Arkansas fatmucket | LT | INV | G2 | S2 |
| <i>Lampsilis satura</i> | sandbank pocketbook | - | INV | G2 | S2 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Obovaria olivaria</i> | hickorynut | - | INV | G4 | S3 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Procambarus parasimulans</i> | a crayfish | - | INV | G4 | S2 |
| <i>Ptychobranchus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Stenotrema unciferum</i> | Ouachita slitmouth | - | INV | G2 | SNR |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Villosa arkansasensis</i> | Ouachita creekshell | - | INV | G2 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Alosa alabamae</i> | Alabama shad | - | INV | G3 | S1S2 |
| <i>Cemophora coccinea copei</i> | northern scarlet snake | - | INV | G5T5 | S3 |
| <i>Crotalus atrox</i> | western diamondback rattlesnake | - | INV | G5 | S2 |
| <i>Crystallaria asprella</i> | crystal darter | - | INV | G3 | S2? |
| <i>Eurycea quadridigitata</i> | dwarf salamander | - | INV | G5 | S3 |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Lampetra appendix</i> | American brook lamprey | - | INV | G4 | S2? |
| <i>Notropis maculatus</i> | taillight shiner | - | INV | G5 | S3 |
| <i>Noturus lachneri</i> | Ouachita madtom | - | INV | G2 | S2 |
| <i>Ophisaurus attenuatus attenuatus</i> | western slender glass lizard | - | INV | G5T5 | S3 |
| <i>Percina sp. nov.</i> | Ouachita darter | - | INV | G2? | SNR |
| <i>Percina uranidea</i> | stargazing darter | - | INV | G3 | S3 |
| <i>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| <i>Polyodon spathula</i> | paddlefish | - | INV | G4 | S2? |
| <i>Regina rigida sinicola</i> | gulf crayfish snake | - | INV | G5T5 | S3 |
| Plants-Vascular | | | | | |
| <i>Acer saccharum var. leucoderme</i> | chalk maple | - | INV | G5 | S2S3 |
| <i>Amsonia hubrichtii</i> | Ouachita bluestar | - | INV | G3 | S3 |
| <i>Calopogon tuberosus var. tuberosus</i> | tuberous grass-pink | - | INV | G5T5 | S1 |
| <i>Camassia angusta</i> | wild hyacinth | - | INV | G5?Q | S2S3 |
| <i>Carex atlantica ssp. atlantica</i> | a caric sedge | - | INV | G5T4 | S2 |
| <i>Carex leptalea var. harperi</i> | threadstem caric sedge | - | INV | G5T4T5 | S2S3 |

Hot Spring County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|------------------------------|----------------|--------------|-------------|------------|
| <i>Carex normalis</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Crassula aquatica</i> | water pigmy-weed | - | INV | G5 | S1S3 |
| <i>Crataegus triflora</i> | three-flowered hawthorn | - | INV | G2G3 | S1 |
| <i>Draba aprica</i> | open-ground whitlow-grass | - | ST | G3 | S2 |
| <i>Euphorbia longicuris</i> | wedgeleaf spurge | - | INV | G4G5 | S1 |
| <i>Hedyotis ouachitana</i> | Ouachita bluets | - | INV | G3 | S3 |
| <i>Ilex decidua</i> var. <i>longipes</i> | Georgia holly | - | INV | G5 | S3 |
| <i>Ilex verticillata</i> | winterberry holly | - | ST | G5 | S2 |
| <i>Liatris compacta</i> | Ouachita blazing star | - | INV | G5T3 | S3 |
| <i>Oenothera pilosella</i> ssp. <i>sessilis</i> | prairie evening primrose | - | ST | G5T2 | S2 |
| <i>Parnassia asarifolia</i> | ginger-leaved grass-of- | - | INV | G4 | S1 |
| <i>Physaria filiformis</i> | Missouri bladderpod | LT | INV | G3 | S1 |
| <i>Platanthera cristata</i> | yellow crested-orchid | - | INV | G5 | S1S2 |
| <i>Pseudolycopodiella caroliniana</i> | Carolina bog club-moss | - | INV | G5T4 | S1 |
| <i>Sabatia campanulata</i> | slender marsh-pink | - | SE | G5 | S1 |
| <i>Scutellaria cardiophylla</i> | heartleaf skullcap | - | INV | G4? | S1 |
| <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. Johnswort | - | INV | G5 | S1 |
| <i>Trichomanes petersii</i> | dwarf bristle fern | - | ST | G4G5 | S2 |
| <i>Valerianella nuttallii</i> | Nuttall's cornsalad | - | INV | G2? | S2 |
| <i>Valerianella palmeri</i> | Palmer's cornsalad | - | INV | G3 | S3 |
| <i>Vernonia lettermannii</i> | Letterman's ironweed | - | INV | G3 | S3 |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |
| Geological feature | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|-----------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Bouchardina robisoni</i> | a crayfish | - | INV | G1 | S1 |
| <i>Fallicambarus strawni</i> | a crayfish | - | INV | G1G2 | S1 |
| <i>Gomphus ozarkensis</i> | Ozark Clubtail Dragonfly | - | INV | G4 | S1 |
| <i>Heterosternuta ouachita</i> | Ouachita diving beetle | - | INV | GNR | S2 |
| <i>Lampsilis satura</i> | sandbank pocketbook | - | INV | G2 | S2 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| <i>Microstylum morosum</i> | giant prairie robber fly | - | INV | G3G4 | S1 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Pentacora ouachita</i> | Ouachita shore bug | - | INV | GNR | S1 |
| <i>Ptychobranchnus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Speyeria diana</i> | Diana | - | INV | G3G4 | S2S3 |
| <i>Tetraloniella albata</i> | white long-horned bee | - | INV | GNR | S1 |
| <i>Tetraopes quinque maculatus</i> | a red milkweed beetle | - | INV | GNR | S1S2 |
| <i>Tetraopes texanus</i> | a red milkweed beetle | - | INV | GNR | S1S2 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Villosa arkansasensis</i> | Ouachita creekshell | - | INV | G2 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma talpoideum</i> | mole salamander | - | INV | G5 | S3 |
| <i>Etheostoma fusiforme</i> | swamp darter | - | INV | G5 | S2? |
| <i>Gallinula chloropus</i> | Common Moorhen | - | INV | G5 | S1B,S2N |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hemidactylium scutatum</i> | four-toed salamander | - | INV | G5 | S3 |
| <i>Lythrurus snelsoni</i> | Ouachita shiner | - | INV | G3 | SNR |
| <i>Notropis atrocaudalis</i> | blackspot shiner | - | INV | G4 | S3 |
| <i>Notropis ortenburgeri</i> | Kiamichi shiner | - | INV | G3 | S2 |
| <i>Percina pantherina</i> | leopard darter | LT | INV | G1 | S1 |
| <i>Plethodon caddoensis</i> | Caddo Mountain salamander | - | INV | G2 | S2 |
| <i>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| <i>Porphyrio martinica</i> | Purple Gallinule | - | INV | G5 | S1B |
| <i>Pteronotopis hubbsi</i> | bluehead shiner | - | INV | G3 | S3 |
| Plants-Vascular | | | | | |
| <i>Acer saccharum var. leucoderme</i> | chalk maple | - | INV | G5 | S2S3 |
| <i>Acer saccharum var. nigrum</i> | black maple | - | INV | G5 | S1S2 |
| <i>Allium drummondii</i> | Drummond's wild onion | - | INV | G5 | S1 |
| <i>Amorpha ouachitensis</i> | Ouachita indigo bush | - | INV | G3Q | S3 |
| <i>Astragalus crassicaarpus var. crassicaarpus</i> | a ground plum | - | INV | G5T5 | S2 |
| <i>Calamovilfa arcuata</i> | Cumberland sandreed | - | INV | G2 | S1 |
| <i>Cardamine angustata</i> | slender toothwort | - | INV | G5 | S2 |
| <i>Carex gracilescens</i> | a caric sedge | - | INV | G5? | S2 |
| <i>Carex latebracteata</i> | Waterfall's sedge | - | ST | G3 | S3 |
| <i>Carex pennsylvanica</i> | Pennsylvania caric sedge | - | INV | G5 | S3 |
| <i>Carex stricta</i> | tussock sedge | - | INV | G5 | S3 |

Howard County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|-------------------------------|----------------|--------------|-------------|------------|
| <i>Carex timida</i> | a caric sedge | - | INV | G2G3 | S2S3 |
| <i>Castanea pumila</i> var. <i>ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Deschampsia flexuosa</i> | crinkled hairgrass | - | INV | G5 | S2S3 |
| <i>Diaperia prolifera</i> | rabbit tobacco | - | INV | G5 | S1S3 |
| <i>Erythronium mesochoreum</i> | prairie trout lily | - | INV | G4G5 | S1S2 |
| <i>Euphorbia tetrapora</i> | weak spurge | - | INV | G4 | S1 |
| <i>Festuca versuta</i> | Texas fescue | - | INV | G3 | S1 |
| <i>Gratiola brevifolia</i> | sticky hedge-hyssop | - | INV | G4 | S3 |
| <i>Hedeoma reverchonii</i> var. <i>reverchonii</i> | false pennyroyal | - | INV | G5?TNR | S1 |
| <i>Hedyotis ouachitana</i> | Ouachita bluets | - | INV | G3 | S3 |
| <i>Hydrophyllum brownei</i> | Browne's waterleaf | - | INV | G2 | S2 |
| <i>Ilex decidua</i> var. <i>longipes</i> | Georgia holly | - | INV | G5 | S3 |
| <i>Liatris compacta</i> | Ouachita blazing star | - | INV | G5T3 | S3 |
| <i>Lithospermum incisum</i> | fringed puccoon | - | INV | G5 | S2S3 |
| <i>Lithospermum tuberosum</i> | a puccoon | - | INV | G4 | S2 |
| <i>Nemastylis geminiflora</i> | celestial lily | - | INV | G4 | S3 |
| <i>Penstemon cobaea</i> | showy beard-tongue | - | INV | G4 | S3 |
| <i>Physaria gracilis</i> ssp. <i>gracilis</i> | a bladderpod | - | INV | G5T4 | S1 |
| <i>Podostemum ceratophyllum</i> | riverweed | - | INV | G5 | S3 |
| <i>Quercus arkansana</i> | Arkansas oak | - | INV | G3 | S3 |
| <i>Sanicula smallii</i> | black snakeroot | - | INV | G5 | S3 |
| <i>Spiranthes magnicamporum</i> | great plains ladies'-tresses | - | INV | G4 | S1 |
| <i>Spiranthes ovalis</i> var. <i>erostellata</i> | northern oval ladies'-tresses | - | INV | G5?T4? | S1 |
| <i>Stachys iltisii</i> | hedgenettle | - | INV | GNR | S3 |
| <i>Stenosiphon linifolius</i> | false gaura | - | ST | G5 | S1 |
| <i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i> | Arkansas twistflower | - | INV | G3T3 | S3 |
| <i>Streptanthus squamiformis</i> | a twistflower | - | ST | G2 | S2 |
| <i>Thalictrum arkansanum</i> | Arkansas meadow rue | - | ST | G2Q | S2 |
| <i>Valerianella palmeri</i> | Palmer's cornsalad | - | INV | G3 | S3 |
| <i>Vernonia lettermannii</i> | Letterman's ironweed | - | INV | G3 | S3 |
| <i>Xyris difformis</i> var. <i>difformis</i> | a yellow-eyed grass | - | INV | G5T5 | S2 |
| <i>Zannichellia palustris</i> | horned pondweed | - | INV | G5 | S2S3 |
| Special Elements-Natural Communities | | | | | |
| River front forest | | - | INV | GNR | S3 |
| West Gulf Coastal Plain Northern Calcareous Prairie | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta viridis</i> | slippershell mussel | - | INV | G4G5 | S1 |
| <i>Amnicola cora</i> | Foushee cavesnail | - | INV | G1 | S1 |
| <i>Arrhopalites clarus</i> | a springtail | - | INV | G4 | S1S2 |
| <i>Caecidotea ancyla</i> | an Isopod | - | INV | G3G4 | S2 |
| <i>Cambarus setosus</i> | bristly cave crayfish | - | INV | G3 | S1 |
| <i>Cicindela hirticollis</i> | beach-dune tiger beetle | - | INV | G5 | S2S3 |
| <i>Cyclonaias tuberculata</i> | purple wartyback | - | INV | G5 | S3? |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Epioblasma triquetra</i> | snuffbox | - | INV | G3 | S1 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Lirceus bicuspidatus</i> | an Isopod | - | INV | G3Q | S2 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| <i>Obovaria olivaria</i> | hickorynut | - | INV | G4 | S3 |
| <i>Orconectes neglectus chaenodactylus</i> | ringed crayfish | - | INV | G5T3 | S2 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Ptychobranchus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Venustaconcha pleasii</i> | bleedingtooth mussel | - | INV | G3G4 | S3 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| <i>Xolotrema occidentale</i> | Arkansas wedge | - | INV | G1 | SNR |
| Animals-Vertebrates | | | | | |
| <i>Ammocrypta clara</i> | western sand darter | - | INV | G3 | S2? |
| <i>Crotaphytus collaris</i> | eastern collared lizard | - | INV | G5 | S3 |
| <i>Cryptobranchus alleganiensis bishopi</i> | Ozark Hellbender | C | INV | G3G4T2Q | S2 |
| <i>Crystallaria asprella</i> | crystal darter | - | INV | G3 | S2? |
| <i>Erimystax harrisi</i> | Ozark chub | - | INV | G3G4Q | S3S4 |
| <i>Etheostoma fusiforme</i> | swamp darter | - | INV | G5 | S2? |
| <i>Eurycea spelaea</i> | grotto salamander | - | INV | G4 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hiodon alosoides</i> | goldeye | - | INV | G5 | S2? |
| <i>Moxostoma anisurum</i> | silver redhorse | - | INV | G5 | S1? |
| <i>Moxostoma pisolabrum</i> | pealip redhorse | - | INV | G5 | S2? |
| <i>Myotis grisescens</i> | gray myotis | LE | INV | G3 | S2S3 |
| <i>Myotis sodalis</i> | Indiana bat | LE | INV | G2 | S1 |
| <i>Notropis ozarcanus</i> | Ozark shiner | - | INV | G3 | S2 |
| <i>Notropis sabiniae</i> | sabine shiner | - | INV | G4 | S2? |
| <i>Ophisaurus attenuatus attenuatus</i> | western slender glass lizard | - | INV | G5T5 | S3 |
| <i>Pantherophis emoryi</i> | Great Plains rat snake | - | INV | G5 | S3 |
| <i>Percina nasuta</i> | longnose darter | - | INV | G3 | S2 |
| <i>Percina phoxocephala</i> | slenderhead darter | - | INV | G5 | S2 |

Independence County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|-------------------------|----------------|--------------|-------------|------------|
| <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>Rana sylvatica</i> | wood frog | - | INV | G5 | S3 |
| <i>Regina septemvittata</i> | queen snake | - | INV | G5 | S2 |
| <i>Scaphiopus hurterii</i> | Hurter's spadefoot | - | INV | G5 | S2 |
| Plants-Vascular | | | | | |
| <i>Arabis shortii</i> var. <i>shortii</i> | Short's rockcress | - | INV | G5T5 | S1 |
| <i>Asplenium pinnatifidum</i> | lobed spleenwort | - | INV | G4 | S3 |
| <i>Cardamine douglassii</i> | purple cress | - | INV | G5 | S1 |
| <i>Carex conjuncta</i> | a caric sedge | - | INV | G4G5 | S1 |
| <i>Carex davisii</i> | Davis' caric sedge | - | INV | G4 | S3 |
| <i>Carex gracillima</i> | graceful caric sedge | - | INV | G5 | S1 |
| <i>Carex normalis</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Castanea pumila</i> var. <i>ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Ilex verticillata</i> | winterberry holly | - | ST | G5 | S2 |
| <i>Leavenworthia uniflora</i> | glade cress | - | INV | G4 | S3 |
| <i>Maianthemum stellatum</i> | starry Solomon's seal | - | INV | G5 | S1 |
| <i>Nemastylis geminiflora</i> | celestial lily | - | INV | G4 | S3 |
| <i>Phacelia giliioides</i> | hairy scorpionweed | - | INV | G5 | S2S3 |
| <i>Philadelphus hirsutus</i> | mock orange | - | INV | G5 | S2S3 |
| <i>Sida elliotii</i> | a sida | - | INV | G4G5 | S2S3 |
| <i>Stenanthium gramineum</i> | featherbells | - | INV | G4G5 | S3 |
| <i>Stylophorum diphyllum</i> | celandine poppy | - | INV | G5 | S3 |
| <i>Trifolium stoloniferum</i> | running buffalo clover | LE | INV | G3 | SH |
| <i>Viola canadensis</i> var. <i>canadensis</i> | Canada violet | - | INV | G5T5 | S2 |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |
| Geological feature | | - | INV | GNR | SNR |

Arkansas Natural Heritage Commission
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Izard County

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|---------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Cyclonaias tuberculata</i> | purple wartyback | - | INV | G5 | S3? |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Daedalochila peregrina</i> | white liptooth | - | INV | G2 | SNR |
| <i>Epioblasma triquetra</i> | snuffbox | - | INV | G3 | S1 |
| <i>Gastrocopta rogersensis</i> | a land snail | - | INV | G3G4 | S2 |
| <i>Heterosternuta ouachita</i> | Ouachita diving beetle | - | INV | GNR | S2 |
| <i>Lampsilis siliquoidea</i> | fatmucket | - | INV | G5 | S3 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ophiogomphus westfalli</i> | Ozark snaketail dragonfly | - | INV | G3 | S1S2 |
| <i>Orconectes neglectus chaenodactylus</i> | ringed crayfish | - | INV | G5T3 | S2 |
| <i>Patera clenchi</i> | Calico Rock oval | - | INV | G1 | SNR |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Stygobromus ozarkensis</i> | Ozark cave amphipod | - | INV | G4 | S1 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Venustaconcha pleasii</i> | bleedingtooth mussel | - | INV | G3G4 | S3 |
| <i>Villosa iris</i> | rainbow | - | INV | G5Q | S2S3 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma tigrinum tigrinum</i> | eastern tiger salamander | - | INV | G5T5 | S3 |
| <i>Cemophora coccinea copei</i> | northern scarlet snake | - | INV | G5T5 | S3 |
| <i>Crotaphytus collaris</i> | eastern collared lizard | - | INV | G5 | S3 |
| <i>Cyprinella spiloptera</i> | spotfin shiner | - | INV | G5 | S1 |
| <i>Erimystax harryi</i> | Ozark chub | - | INV | G3G4Q | S3S4 |
| <i>Etheostoma fragi</i> | Strawberry River darter | - | INV | G4 | S1 |
| <i>Eurycea spelaea</i> | grotto salamander | - | INV | G4 | S3 |
| <i>Geomys bursarius ozarkensis</i> | Ozark pocket gopher | - | INV | G5T1T3 | S1 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Lampetra aepyptera</i> | least brook lamprey | - | INV | G5 | S2? |
| <i>Lampetra appendix</i> | American brook lamprey | - | INV | G4 | S2? |
| <i>Myotis grisescens</i> | gray myotis | LE | INV | G3 | S2S3 |
| <i>Myotis sodalis</i> | Indiana bat | LE | INV | G2 | S1 |
| <i>Notropis ozarcanus</i> | Ozark shiner | - | INV | G3 | S2 |
| <i>Notropis sabiniae</i> | sabine shiner | - | INV | G4 | S2? |
| <i>Plethodon angusticlavius</i> | Ozark zigzag salamander | - | INV | G4 | S3 |
| <i>Rana sylvatica</i> | wood frog | - | INV | G5 | S3 |
| Plants-Vascular | | | | | |
| <i>Abutilon incanum</i> | Texas Indian mallow | - | INV | G5? | S1S2 |
| <i>Argyrochosma dealbata</i> | powdery cloak fern | - | INV | G4G5 | S2 |
| <i>Asplenium pinnatifidum</i> | lobed spleenwort | - | INV | G4 | S3 |
| <i>Brickellia grandiflora</i> | tassel flower | - | INV | G5 | S2 |
| <i>Carex opaca</i> | a caric sedge | - | SE | G5T4 | S2S3 |
| <i>Carex planostachys</i> | a caric sedge | - | INV | G5 | S1 |

Izard County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------|----------------|--------------|-------------|------------|
| <i>Castanea pumila</i> var. <i>ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Coreopsis grandiflora</i> var. <i>saxicola</i> | large-flowered tickseed | - | INV | G5T4? | S3 |
| <i>Helianthus pauciflorus</i> ssp. <i>pauciflorus</i> | prairie sunflower | - | INV | G5T5? | S1 |
| <i>Leavenworthia uniflora</i> | glade cress | - | INV | G4 | S3 |
| <i>Nemastylis geminiflora</i> | celestial lily | - | INV | G4 | S3 |
| <i>Pediomelum esculentum</i> | prairie turnip | - | INV | G5 | S2 |
| <i>Penstemon cobaea</i> | showy beard-tongue | - | INV | G4 | S3 |
| <i>Physaria filiformis</i> | Missouri bladderpod | LT | INV | G3 | S1 |
| <i>Sida elliotii</i> | a sida | - | INV | G4G5 | S2S3 |
| <i>Spiranthes lucida</i> | shining ladies'-tresses | - | INV | G5 | S2 |
| <i>Stachys iltisii</i> | hedgenettle | - | INV | GNR | S3 |
| <i>Stylophorum diphyllum</i> | celandine poppy | - | INV | G5 | S3 |
| <i>Symphotrichum sericeum</i> | silky aster | - | INV | G5 | S2 |
| <i>Zizia aptera</i> | golden Alexanders | - | INV | G5 | S1S3 |
| Special Elements-Natural Communities | | | | | |
| Central Interior Highlands Calcareous Glade and Barrens | | - | INV | GNR | SNR |
| Central Interior Highlands Dry Acidic Glade and Barrens | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |

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

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

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|----------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Caecidotea dentadactyla</i> | an isopod | - | INV | GNR | S1 |
| <i>Caecidotea obtusa</i> | an isopod | - | INV | GNR | S1 |
| <i>Cicindela hirticollis</i> | beach-dune tiger beetle | - | INV | G5 | S2S3 |
| <i>Daedalochila peregrina</i> | white liptooth | - | INV | G2 | SNR |
| <i>Fallicambarus gilpini</i> | a crayfish | - | INV | G1 | S1 |
| <i>Lirceus louisianae</i> | an isopod | - | INV | GNR | S1 |
| <i>Speyeria diana</i> | Diana | - | INV | G3G4 | S2S3 |
| <i>Uniomerus declivis</i> | tapered pondhorn | - | INV | G5Q | S2 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma annulatum</i> | ringed salamander | - | INV | G4 | S3 |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Etheostoma parvipinne</i> | goldstripe darter | - | INV | G4G5 | S2 |
| <i>Gallinula chloropus</i> | Common Moorhen | - | INV | G5 | S1B,S2N |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Lasiurus seminolus</i> | Seminole bat | - | INV | G5 | S3 |
| <i>Limnothlypis swainsonii</i> | Swainson's Warbler | - | INV | G4 | S3B |
| <i>Moxostoma pisolabrum</i> | pealip redhorse | - | INV | G5 | S2? |
| <i>Myotis austroriparius</i> | southeastern myotis | - | INV | G3G4 | S3 |
| <i>Nerodia cyclopion</i> | Mississippi green water snake | - | INV | G5 | S3 |
| <i>Notropis maculatus</i> | taillight shiner | - | INV | G5 | S3 |
| <i>Pteronotropis hubbsi</i> | bluehead shiner | - | INV | G3 | S3 |
| <i>Regina grahamii</i> | Graham's crayfish snake | - | INV | G5 | S2 |
| <i>Regina rigida sinicola</i> | gulf crayfish snake | - | INV | G5T5 | S3 |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| Plants-Vascular | | | | | |
| <i>Alophia drummondii</i> | purple pleat-leaf | - | INV | G4 | S2 |
| <i>Calopogon tuberosus var. tuberosus</i> | tuberous grass-pink | - | INV | G5T5 | S1 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Dalea lanata var. lanata</i> | wooly dalea | - | INV | G5TNR | S2S3 |
| <i>Eleocharis flavescens</i> | pale spike rush | - | INV | G5 | S1S2 |
| <i>Eustoma exaltatum ssp. exaltatum</i> | catchfly prairie gentian | - | INV | G5T4T5 | S2 |
| <i>Fuirena bushii</i> | Bush's umbrella-grass | - | INV | G5 | S3 |
| <i>Gymnopogon brevifolius</i> | shortleaf skeletongrass | - | INV | G5 | S2 |
| <i>Heliotropium convolvulaceum</i> | phlox heliotrope | - | INV | G5 | S2 |
| <i>Ipomoea cordatotriloba var. cordatotriloba</i> | tievine morning glory | - | INV | G5T5 | S1 |
| <i>Leitneria floridana</i> | corkwood | - | INV | G3 | S3 |
| <i>Nemastylis geminiflora</i> | celestial lily | - | INV | G4 | S3 |
| <i>Platanthera cristata</i> | yellow crested-orchid | - | INV | G5 | S1S2 |
| <i>Platanthera x channellii</i> | Channell's fringed-orchid | - | INV | GNA | S1 |
| <i>Pogonia ophioglossoides</i> | rose pogonia | - | ST | G5 | S2 |
| <i>Prenanthes barbata</i> | barbed rattlesnake root | - | INV | G3 | S2 |
| <i>Spiranthes lacera var. lacera</i> | northern slender ladies'-tresses | - | INV | G5T5 | S1 |

Jefferson County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|--|-----------------------|---------------------|--------------------|-------------------|
| Special Elements-Natural Communities | | | | | |
| | Lowland pine-oak forest | - | INV | GNR | S1 |
| | West Gulf Coastal Plain Pine-Hardwood Forest | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|--------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Cambarus causeyi</i> | a crayfish | - | INV | G2 | S1 |
| <i>Dannella provonshai</i> | Mayfly | - | INV | G3G4 | S1? |
| <i>Heterosternuta ouachita</i> | Ouachita diving beetle | - | INV | GNR | S2 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Lirceus bicuspidatus</i> | an Isopod | - | INV | G3Q | S2 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| <i>Paduniella nearctica</i> | nearctic paduniellan caddisfly | - | INV | G1G2 | S1? |
| <i>Paraleptophlebia calcarica</i> | a mayfly | - | INV | G1G2 | S1? |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Speyeria diana</i> | Diana | - | INV | G3G4 | S2S3 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma annulatum</i> | ringed salamander | - | INV | G4 | S3 |
| <i>Crotaphytus collaris</i> | eastern collared lizard | - | INV | G5 | S3 |
| <i>Erimystax harryi</i> | Ozark chub | - | INV | G3G4Q | S3S4 |
| <i>Etheostoma moorei</i> | yellowcheek darter | C | INV | G1 | S1 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hybognathus placitus</i> | plains minnow | - | INV | G4 | SX |
| <i>Moxostoma pisolabrum</i> | pealip redhorse | - | INV | G5 | S2? |
| <i>Notropis girardi</i> | Arkansas River shiner | LT | INV | G2 | SX |
| <i>Ophisaurus attenuatus attenuatus</i> | western slender glass lizard | - | INV | G5T5 | S3 |
| <i>Percina nasuta</i> | longnose darter | - | INV | G3 | S2 |
| <i>Phenacobius mirabilis</i> | suckermouth minnow | - | INV | G5 | S1 |
| <i>Plethodon angusticlavius</i> | Ozark zigzag salamander | - | INV | G4 | S3 |
| <i>Rana areolata circulosa</i> | northern crawfish frog | - | INV | G4T4 | S2 |
| <i>Rana sylvatica</i> | wood frog | - | INV | G5 | S3 |
| <i>Regina septemvittata</i> | queen snake | - | INV | G5 | S2 |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| <i>Thryomanes bewickii</i> | Bewick's Wren | - | INV | G5 | S2B,S3N |
| Plants-Vascular | | | | | |
| <i>Amorpha ouachitensis</i> | Ouachita indigo bush | - | INV | G3Q | S3 |
| <i>Bergia texana</i> | Texas bergia | - | INV | G5 | S2 |
| <i>Carex careyana</i> | Carey's caric sedge | - | INV | G4G5 | S3 |
| <i>Carex shortiana</i> | Short's caric sedge | - | INV | G5 | S2 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Delphinium newtonianum</i> | Moore's larkspur | - | INV | G3 | S3 |
| <i>Eriocaulon koernickianum</i> | small-headed pipewort | - | SE | G2 | S2 |
| <i>Helianthemum rosmarinifolium</i> | rockrose | - | INV | G4 | S1 |
| <i>Heuchera villosa var. 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 |

Johnson County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|--------------------------|-----------------------|---------------------|--------------------|-------------------|
| <i>Paspalum bifidum</i> | pitchfork paspalum | - | INV | G5 | SH |
| <i>Philadelphus hirsutus</i> | mock orange | - | INV | G5 | S2S3 |
| <i>Prenanthes crepidinea</i> | nodding rattlesnake-root | - | INV | G4 | S1 |
| <i>Prosartes lanuginosa</i> | yellow mandarin | - | INV | G5 | S2 |
| <i>Schoenoplectus californicus</i> | California bulrush | - | INV | G5 | S1S2 |
| <i>Tradescantia ozarkana</i> | Ozark spiderwort | - | INV | G3 | S3 |
| <i>Trichomanes boschianum</i> | Appalachian filmy fern | - | ST | G4 | S2S3 |
| Special Elements-Natural Communities | | | | | |
| Upland Stream-Ozark Mountains | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|----------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Bouchardina robisoni</i> | a crayfish | - | INV | G1 | S1 |
| <i>Cicindela hirticollis</i> | beach-dune tiger beetle | - | INV | G5 | S2S3 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| Animals-Vertebrates | | | | | |
| <i>Ammocrypta clara</i> | western sand darter | - | INV | G3 | S2? |
| <i>Atractosteus spatula</i> | alligator gar | - | INV | G3G4 | S2? |
| <i>Coluber constrictor anthicus</i> | buttermilk racer | - | INV | G5T4 | S3 |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Cycleptus elongatus</i> | blue sucker | - | INV | G3G4 | S2 |
| <i>Egretta tricolor</i> | Tricolored Heron | - | INV | G5 | S3B,S3N |
| <i>Eudocimus albus</i> | White Ibis | - | INV | G5 | S1B |
| <i>Eurycea quadridigitata</i> | dwarf salamander | - | INV | G5 | S3 |
| <i>Gallinula chloropus</i> | Common Moorhen | - | INV | G5 | S1B,S2N |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hybognathus placitus</i> | plains minnow | - | INV | G4 | SX |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Micrurus tener tener</i> | Texas coral snake | - | INV | G5T5 | S2 |
| <i>Myotis austroriparius</i> | southeastern myotis | - | INV | G3G4 | S3 |
| <i>Notropis bairdi</i> | Red River shiner | - | INV | G4 | SH |
| <i>Picoides borealis</i> | Red-cockaded Woodpecker | LE | INV | G3 | S2 |
| <i>Polyodon spathula</i> | paddlefish | - | INV | G4 | S2? |
| <i>Porphyrio martinica</i> | Purple Gallinule | - | INV | G5 | S1B |
| <i>Regina rigida sinicola</i> | gulf crayfish snake | - | INV | G5T5 | S3 |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| Plants-Vascular | | | | | |
| <i>Bergia texana</i> | Texas bergia | - | INV | G5 | S2 |
| <i>Carex leptalea var. harperi</i> | threadstem caric sedge | - | INV | G5T4T5 | S2S3 |
| <i>Crataegus brachyacantha</i> | blueberry hawthorn | - | INV | G4 | S2 |
| <i>Dryopteris ludoviciana</i> | Louisiana wood fern | - | INV | G4 | S1 |
| <i>Eleocharis montevidensis</i> | a spike rush | - | INV | G5 | S1 |
| <i>Hypericum nudiflorum</i> | early St. Johnswort | - | INV | G5 | S1S2 |
| <i>Hypoxis curtissii</i> | Curtis' stargrass | - | INV | G4? | S1 |
| <i>Ipomoea cordatotriloba var. cordatotriloba</i> | tievine morning glory | - | INV | G5T5 | S1 |
| <i>Iva angustifolia</i> | slender marsh elder | - | INV | G5? | S1 |
| <i>Nemastylis geminiflora</i> | celestial lily | - | INV | G4 | S3 |
| <i>Oenothera pilosella ssp. sessilis</i> | prairie evening primrose | - | ST | G5T2 | S2 |
| <i>Quercus arkansana</i> | Arkansas oak | - | INV | G3 | S3 |
| <i>Sanicula smallii</i> | black snakeroot | - | INV | G5 | S3 |
| <i>Sebastiania fruticosa</i> | Sebastian-bush | - | INV | G5 | S1 |
| <i>Sophora affinis</i> | Eve's necklace | - | INV | G4 | S2S3 |
| Special Elements-Natural Communities | | | | | |
| Cypress-tupelo swamp | | - | INV | GNR | S2 |
| Lowland pine-oak forest | | - | INV | GNR | S1 |

Lafayette County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|--------------------|-----------------------|---------------------|--------------------|-------------------|
| Red clay prairie | | - | INV | GNR | SNR |
| Red River Large Floodplain Forest | | - | INV | GNR | SNR |
| Willow oak forest | | - | INV | GNR | S2 |
| Special Elements-Other | | | | | |
| Colonial nesting site, swallows & swifts | | - | INV | GNR | SNR |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--------------------------------------|----------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Bactrurus pseudomucronatus</i> | false sword-tailed cave amphipod | - | INV | G2G3 | S1 |
| <i>Caecidotea brevicauda</i> | an isopod | - | INV | GNR | S1 |
| <i>Caecidotea communis</i> | an isopod | - | INV | G5 | S1 |
| <i>Caecidotea montana</i> | an isopod | - | INV | GNR | S1 |
| <i>Caecidotea salemensis</i> | an isopod | - | INV | G4 | S1 |
| <i>Cicindela duodecimguttata</i> | twelve-spotted tiger beetle | - | INV | G5 | S3S4 |
| <i>Cicindela unipunctata</i> | woodland tiger beetle | - | INV | G4G5 | S2 |
| <i>Cyclonaias tuberculata</i> | purple wartyback | - | INV | G5 | S3? |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Epioblasma florentina curtisi</i> | Curtis pearlymussel | LE | INV | G1T1 | S1 |
| <i>Epioblasma triquetra</i> | snuffbox | - | INV | G3 | S1 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Lampsilis siliquoidea</i> | fatmucket | - | INV | G5 | S3 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Leptodea leptodon</i> | scaleshell | LE | INV | G1G2 | S1 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Lirceus louisianae</i> | an isopod | - | INV | GNR | S1 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Obovaria olivaria</i> | hickorynut | - | INV | G4 | S3 |
| <i>Orconectes eupunctus</i> | coldwater crayfish | - | INV | G2 | S1 |
| <i>Orconectes marchandi</i> | Mammoth Spring crayfish | - | INV | G2 | S2 |
| <i>Pleurobema cordatum</i> | Ohio pigtoe | - | INV | G4 | S1 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Simpsonaias ambigua</i> | salamander mussel | - | INV | G3 | S1 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Venustaconcha pleasii</i> | bleedingtooth mussel | - | INV | G3G4 | S3 |
| <i>Villosa iris</i> | rainbow | - | INV | G5Q | S2S3 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ammocrypta clara</i> | western sand darter | - | INV | G3 | S2? |
| <i>Chrysemys picta dorsalis</i> | southern painted turtle | - | INV | G5 | S3 |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Crotaphytus collaris</i> | eastern collared lizard | - | INV | G5 | S3 |
| <i>Crystallaria asprella</i> | crystal darter | - | INV | G3 | S2? |
| <i>Cyprinella spiloptera</i> | spotfin shiner | - | INV | G5 | S1 |
| <i>Erimystax harrisi</i> | Ozark chub | - | INV | G3G4Q | S3S4 |
| <i>Eurycea spelaea</i> | grotto salamander | - | INV | G4 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |

Lawrence County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|------------------------------|----------------|--------------|-------------|------------|
| <i>Hiodon alosoides</i> | goldeye | - | INV | G5 | S2? |
| <i>Lampetra aepyptera</i> | least brook lamprey | - | INV | G5 | S2? |
| <i>Lasiurus seminolus</i> | Seminole bat | - | INV | G5 | S3 |
| <i>Myotis grisescens</i> | gray myotis | LE | INV | G3 | S2S3 |
| <i>Notropis maculatus</i> | taillight shiner | - | INV | G5 | S3 |
| <i>Notropis ozarcanus</i> | Ozark shiner | - | INV | G3 | S2 |
| <i>Notropis sabiniae</i> | sabine shiner | - | INV | G4 | S2? |
| <i>Ophisaurus attenuatus attenuatus</i> | western slender glass lizard | - | INV | G5T5 | S3 |
| <i>Pantherophis emoryi</i> | Great Plains rat snake | - | INV | G5 | S3 |
| <i>Percina phoxocephala</i> | slenderhead darter | - | INV | G5 | S2 |
| <i>Percina uranidea</i> | stargazing darter | - | INV | G3 | S3 |
| <i>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| <i>Taxidea taxus</i> | American badger | - | INV | G5 | S1S2 |
| Plants-Vascular | | | | | |
| <i>Brickellia grandiflora</i> | tassel flower | - | INV | G5 | S2 |
| <i>Carex muskingumensis</i> | palm caric sedge | - | INV | G4 | S1 |
| <i>Carex pellita</i> | a caric sedge | - | INV | G5 | SH |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Dryopteris celsa</i> | log fern | - | INV | G4 | S2 |
| <i>Leitneria floridana</i> | corkwood | - | INV | G3 | S3 |
| <i>Lindera melissifolia</i> | pondberry | LE | SE | G2G3 | S2 |
| <i>Perideridia americana</i> | American squaw-root | - | INV | G4 | S2 |
| <i>Phacelia gilioides</i> | hairy scorpionweed | - | INV | G5 | S2S3 |
| <i>Phlox bifida</i> | sand phlox | - | INV | G5? | S3 |
| <i>Platanthera peramoena</i> | purple fringeless-orchid | - | ST | G5 | S2 |
| <i>Sida elliotii</i> | a sida | - | INV | G4G5 | S2S3 |
| <i>Sium suave</i> | water parsnip | - | INV | G5 | S1S3 |
| <i>Tradescantia subaspera</i> | zigzag spiderwort | - | INV | G5 | S1S3 |
| Special Elements-Natural Communities | | | | | |
| Lowland oak-hickory forest | | - | INV | GNR | S1 |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|----------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Potamilus capax</i> | fat pocketbook | LE | INV | G1G2 | S1 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ammocrypta clara</i> | western sand darter | - | INV | G3 | S2? |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>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>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| Plants-Vascular | | | | | |
| <i>Carex kraliana</i> | Kral's caric sedge | - | INV | G5 | S1S2 |
| <i>Carex normalis</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex willdenowii</i> | Willdenow's caric sedge | - | INV | G5 | S1 |
| <i>Juglans cinerea</i> | butternut | - | INV | G4 | S3 |
| <i>Osmorhiza claytonii</i> | Clayton's sweet cicely | - | INV | G5 | S1S3 |
| <i>Schisandra glabra</i> | climbing magnolia | - | INV | G3 | S2S3 |
| <i>Zannichellia palustris</i> | horned pondweed | - | INV | G5 | S2S3 |
| Special Elements-Natural Communities | | | | | |
| Mississippi River Riparian Forest | | - | INV | GNR | SNR |
| Southern Crowley's Ridge Mesic Loess Slope Forest | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|----------------------------|-----------------------|---------------------|--------------------|-------------------|
| Animals-Invertebrates | | | | | |
| <i>Catocala lincolnana</i> | Lincoln underwing | - | INV | G3 | S3 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Uniomerus declivis</i> | tapered pondhorn | - | INV | G5Q | S2 |
| <i>Uniomerus tetralasmus</i> | pondhorn | - | INV | G5 | S2 |
| Animals-Vertebrates | | | | | |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Moxostoma pisolabrum</i> | pealip redhorse | - | INV | G5 | S2? |
| <i>Notropis maculatus</i> | taillight shiner | - | INV | G5 | S3 |
| <i>Pandion haliaetus</i> | Osprey | - | INV | G5 | S1B,S4N |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| Plants-Vascular | | | | | |
| <i>Bergia texana</i> | Texas bergia | - | INV | G5 | S2 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Eriocaulon decangulare</i> | hatpins | - | INV | G5 | S1S2 |
| <i>Eryngium integrifolium</i> | blue-flowered eryngo | - | INV | G5 | S2 |
| <i>Fuirena bushii</i> | Bush's umbrella-grass | - | INV | G5 | S3 |
| <i>Gymnopogon brevifolius</i> | shortleaf skeletongrass | - | INV | G5 | S2 |
| <i>Scleria muehlenbergii</i> | Muhlenberg's nutsedge | - | INV | G5 | S1S2 |
| Special Elements-Natural Communities | | | | | |
| Submesic oak-hickory forest | | - | INV | GNR | S1 |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|--------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Arkansia wheeleri</i> | Ouachita rock pocketbook | LE | INV | G1 | S1 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Lampsilis satura</i> | sandbank pocketbook | - | INV | G2 | S2 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Nicrophorus americanus</i> | American burying beetle | LE | INV | G2G3 | S1 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Obovaria olivaria</i> | hickorynut | - | INV | G4 | S3 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Tetraopes quinquemaculatus</i> | a red milkweed beetle | - | INV | GNR | S1S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Cycleptus elongatus</i> | blue sucker | - | INV | G3G4 | S2 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hiodon alosoides</i> | goldeye | - | INV | G5 | S2? |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Notropis atrocaudalis</i> | blackspot shiner | - | INV | G4 | S3 |
| <i>Percina phoxocephala</i> | slenderhead darter | - | INV | G5 | S2 |
| <i>Pteronotropis hubbsi</i> | bluehead shiner | - | INV | G3 | S3 |
| <i>Regina rigida sinicola</i> | gulf crayfish snake | - | INV | G5T5 | S3 |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| <i>Tyrannus verticalis</i> | Western Kingbird | - | INV | G5 | S1B,S1N |
| Plants-Vascular | | | | | |
| <i>Allium drummondii</i> | Drummond's wild onion | - | INV | G5 | S1 |
| <i>Amorpha paniculata</i> | panicled indigo bush | - | ST | G2G3 | S1 |
| <i>Aphanostephus skirrhobasis</i> var. <i>skirrhobasis</i> | lazy daisy | - | INV | G5TNR | SH |
| <i>Astragalus crassicaarpus</i> var. <i>crassicaarpus</i> | a ground plum | - | INV | G5T5 | S2 |
| <i>Astragalus nuttallianus</i> var. <i>nuttallianus</i> | Nuttall's milkvetch | - | INV | G5TNR | S1 |
| <i>Bouteloua rigidiseta</i> | Texas grama | - | SE | G5 | S1 |
| <i>Carex planostachys</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Condalia hookeri</i> | capul negro | - | INV | G5 | S1 |
| <i>Convolvulus equitans</i> | Texas bindweed | - | INV | G5 | S1 |
| <i>Crataegus brachyacantha</i> | blueberry hawthorn | - | INV | G4 | S2 |
| <i>Dalea compacta</i> var. <i>compacta</i> | a prairie clover | - | INV | G5T4 | S2 |
| <i>Dalea compacta</i> var. <i>pubescens</i> | a prairie clover | - | INV | G5T5 | SH |
| <i>Delphinium carolinianum</i> ssp. <i>virescens</i> | Carolina larkspur | - | INV | G5T5 | S2 |
| <i>Diaperia prolifera</i> | rabbit tobacco | - | INV | G5 | S1S3 |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | - | INV | G3G4 | S3 |
| <i>Engelmannia peristenia</i> | Engelmann's daisy | - | INV | G5 | S1 |

Little River County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|--------------------------|----------------|--------------|-------------|------------|
| <i>Eriogonum annuum</i> | a buckwheat | - | INV | G5 | S1 |
| <i>Eryngium leavenworthii</i> | Leavenworth's eryngo | - | INV | G4 | S1 |
| <i>Fuirena simplex</i> var. <i>aristulata</i> | umbrella-grass | - | INV | G5T4 | S1 |
| <i>Hexalectris spicata</i> var. <i>spicata</i> | crested coralroot | - | INV | G5T4T5 | S2 |
| <i>Indigofera miniata</i> var. <i>leptosepala</i> | scarlet pea | - | ST | G5T4Q | S2 |
| <i>Liatis squarrosa</i> var. <i>squarrosa</i> | loosescale gayfeather | - | INV | G5T5 | S1 |
| <i>Lithospermum incisum</i> | fringed puccoon | - | INV | G5 | S2S3 |
| <i>Lupinus texensis</i> | Texas bluebonnet | - | INV | G5 | S1 |
| <i>Machaeranthera pinnatifida</i> | lacy tansy-aster | - | INV | G5 | SU |
| <i>Nemastylis geminiflora</i> | celestial lily | - | INV | G4 | S3 |
| <i>Oenothera pilosella</i> ssp. <i>sessilis</i> | prairie evening primrose | - | ST | G5T2 | S2 |
| <i>Oenothera spachiana</i> | an evening primrose | - | INV | G5 | SH |
| <i>Penstemon cobaea</i> | showy beard-tongue | - | INV | G4 | S3 |
| <i>Physaria gracilis</i> ssp. <i>gracilis</i> | a bladderpod | - | INV | G5T4 | S1 |
| <i>Podostemum ceratophyllum</i> | riverweed | - | INV | G5 | S3 |
| <i>Quercus sinuata</i> | Durand's white oak | - | ST | G4G5 | S2 |
| <i>Rhus trilobata</i> var. <i>trilobata</i> | skunkbrush sumac | - | INV | G5T5 | S1 |
| <i>Rhynchospora colorata</i> | white top sedge | - | SE | G5 | S1 |
| <i>Rudbeckia maxima</i> | giant coneflower | - | INV | G4? | S3 |
| <i>Ruellia humilis</i> var. <i>depauperata</i> | a wild petunia | - | INV | G5T3T4Q | S1 |
| <i>Sophora affinis</i> | Eve's necklace | - | INV | G4 | S2S3 |
| <i>Stenosiphon linifolius</i> | false gaura | - | ST | G5 | S1 |
| <i>Thalictrum arkansanum</i> | Arkansas meadow rue | - | ST | G2Q | S2 |
| <i>Zephyranthes chlorosolen</i> | rain lily | - | INV | G5 | S1S2 |

Special Elements-Natural Communities

| | | | | |
|--|---|-----|-----|-----|
| Juniperus ashei Dry Chalk Outcrop Woodland | - | INV | G1 | SNR |
| Lowland pine-oak forest | - | INV | GNR | S1 |
| West Gulf Coastal Plain Nonriverine Wet Hardwood Flatwoods | - | INV | GNR | SNR |
| West Gulf Coastal Plain Northern Calcareous Prairie | - | INV | GNR | SNR |

Special Elements-Other

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

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|---------------------------------|-----------------------|---------------------|--------------------|-------------------|
| Animals-Invertebrates | | | | | |
| <i>Acalypta susanae</i> | a lace bug | - | INV | GNR | S1 |
| <i>Arianops sandersoni</i> | Magazine Mountain mold beetle | - | INV | G1? | S1? |
| <i>Cicindela duodecimguttata</i> | twelve-spotted tiger beetle | - | INV | G5 | S3S4 |
| <i>Inflectarius magazinensis</i> | Magazine Mountain Shagreen | LT | INV | G1 | S1 |
| <i>Isoperla szczytkoi</i> | Magazine stripetail | - | INV | G1 | S1 |
| <i>Ligidium elrodii</i> | an isopod | - | INV | G4G5 | S2 |
| <i>Lirceus bicuspidatus</i> | an Isopod | - | INV | G3Q | S2 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| <i>Nicrophorus americanus</i> | American burying beetle | LE | INV | G2G3 | S1 |
| <i>Ouachitychus parvoculus</i> | small-eyed mold beetle | - | INV | GNR | S2 |
| <i>Paraleptophlebia calcarica</i> | a mayfly | - | INV | G1G2 | S1? |
| <i>Paravitrea aulacogyra</i> | striate supercoil | - | INV | GHQ | SH |
| <i>Paucicalcaria ozarkensis</i> | a microcaddisfly | - | INV | G1 | S1 |
| <i>Pseudactium magazinensis</i> | Ouachita pseudactium | - | INV | GNR | S1 |
| <i>Scaphinotus parisiana</i> | a ground beetle | - | INV | GNR | S1 |
| <i>Speyeria diana</i> | Diana | - | INV | G3G4 | S2S3 |
| <i>Stygobromus elatus</i> | elevated spring amphipod | - | INV | G1G2 | SU |
| Animals-Vertebrates | | | | | |
| <i>Aimophila ruficeps</i> | Rufous-crowned Sparrow | - | INV | G5 | S1 |
| <i>Crotalus atrox</i> | western diamondback rattlesnake | - | INV | G5 | S2 |
| <i>Crotaphytus collaris</i> | eastern collared lizard | - | INV | G5 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hybognathus placitus</i> | plains minnow | - | INV | G4 | SX |
| <i>Lampropeltis triangulum amaura</i> | Louisiana milk snake | - | INV | G5T4 | S3 |
| <i>Myotis leibii</i> | eastern small-footed bat | - | INV | G3 | S1 |
| <i>Notropis girardi</i> | Arkansas River shiner | LT | INV | G2 | SX |
| <i>Pantherophis emoryi</i> | Great Plains rat snake | - | INV | G5 | S3 |
| <i>Percina phoxocephala</i> | slenderhead darter | - | INV | G5 | S2 |
| <i>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| <i>Rana areolata circulosa</i> | northern crawfish frog | - | INV | G4T4 | S2 |
| <i>Scaphiopus holbrookii</i> | eastern spadefoot | - | INV | G5 | S2 |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| Plants-Vascular | | | | | |
| <i>Amorpha ouachitensis</i> | Ouachita indigo bush | - | INV | G3Q | S3 |
| <i>Amsonia hubrichtii</i> | Ouachita bluestar | - | INV | G3 | S3 |
| <i>Callirhoe bushii</i> | Bush's poppy mallow | - | INV | G3 | S3 |
| <i>Camassia angusta</i> | wild hyacinth | - | INV | G5?Q | S2S3 |
| <i>Carex opaca</i> | a caric sedge | - | SE | G5T4 | S2S3 |
| <i>Carex pennsylvanica</i> | Pennsylvania caric sedge | - | INV | G5 | S3 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Caulophyllum thalictroides</i> | blue cohosh | - | INV | G4G5 | S2 |
| <i>Dennstaedtia punctilobula</i> | hay-scented cup fern | - | INV | G5 | S2 |
| <i>Deschampsia flexuosa</i> | crinkled hairgrass | - | INV | G5 | S2S3 |

Logan County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|----------------------------------|----------------|--------------|-------------|------------|
| <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-headed pipewort | - | SE | G2 | S2 |
| <i>Erysimum capitatum</i> var. <i>capitatum</i> | western wallflower | - | INV | G5T5 | S2 |
| <i>Liatris compacta</i> | Ouachita blazing star | - | INV | G5T3 | S3 |
| <i>Lilium superbum</i> | turk's-cap lily | - | INV | G5 | S1 |
| <i>Melanthium woodii</i> | false hellebore | - | INV | G5 | S3 |
| <i>Mimulus floribundus</i> | yellow monkey flower | - | INV | G5 | S2S3 |
| <i>Paronychia virginica</i> | nailwort | - | INV | G4 | S2 |
| <i>Quercus acerifolia</i> | maple-leaved 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> | hedgenettle | - | INV | GNR | S3 |
| <i>Tradescantia ozarkana</i> | Ozark spiderwort | - | INV | G3 | S3 |
| <i>Valerianella nuttallii</i> | Nuttall's cornsalad | - | INV | G2? | S2 |
| <i>Woodsia scopulina</i> ssp. <i>appalachiana</i> | Appalachian Mountain cliff fern | - | INV | G4 | S1 |
| Special Elements-Natural Communities | | | | | |
| Central Interior Highlands Dry Acidic Glade and Barrens | | - | INV | GNR | SNR |
| Ozark-Ouachita Dry-Mesic Oak Forest | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Colonial nesting site, swallows & swifts | | - | INV | GNR | SNR |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |
| Geological feature | | - | INV | GNR | SNR |

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

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

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Allocapnia jeanae</i> | a winter stonefly | - | INV | G2 | S1? |
| <i>Allocapnia ozarkana</i> | a winter stonefly | - | INV | G2 | S1? |
| <i>Arrhopalites clarus</i> | a springtail | - | INV | G4 | S1S2 |
| <i>Caecidotea ancyla</i> | an Isopod | - | INV | G3G4 | S2 |
| <i>Caecidotea steevesi</i> | an Isopod | - | INV | G3G4 | S1 |
| <i>Caecidotea stiladactyla</i> | an Isopod | - | INV | G3G4 | S3 |
| <i>Cambarus causeyi</i> | a crayfish | - | INV | G2 | S1 |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Daedalochila peregrina</i> | white liptooth | - | INV | G2 | SNR |
| <i>Gastrocopta rogersensis</i> | a land snail | - | INV | G3G4 | S2 |
| <i>Heterosternuta ouachita</i> | Ouachita diving beetle | - | INV | GNR | S2 |
| <i>Heterosternuta sulphuria</i> | Sulphur Springs diving beetle | - | INV | G1? | S1? |
| <i>Lampsilis siliquoidea</i> | fatmucket | - | INV | G5 | S3 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Orconectes neglectus chaenodactylus</i> | ringed crayfish | - | INV | G5T3 | S2 |
| <i>Orconectes williamsi</i> | William's crayfish | - | INV | G3G4 | S1 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Stygobromus ozarkensis</i> | Ozark cave amphipod | - | INV | G4 | S1 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Trigenotyia parca</i> | a cave obligate millipede | - | INV | G1G2 | S1 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma annulatum</i> | ringed salamander | - | INV | G4 | S3 |
| <i>Corynorhinus townsendii ingens</i> | Ozark big-eared bat | LE | INV | G4T1 | S1 |
| <i>Eurycea spelaea</i> | grotto salamander | - | INV | G4 | S3 |
| <i>Eurycea tynerensis</i> | Oklahoma salamander | - | INV | G3 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Myotis grisescens</i> | gray myotis | LE | INV | G3 | S2S3 |
| <i>Myotis sodalis</i> | Indiana bat | LE | INV | G2 | S1 |
| <i>Notropis ozarcanus</i> | Ozark shiner | - | INV | G3 | S2 |
| <i>Percina nasuta</i> | longnose darter | - | INV | G3 | S2 |
| <i>Percina phoxocephala</i> | slenderhead darter | - | INV | G5 | S2 |
| <i>Plethodon angusticlavius</i> | Ozark zigzag salamander | - | INV | G4 | S3 |
| <i>Rana sylvatica</i> | wood frog | - | INV | G5 | S3 |
| Plants-Vascular | | | | | |
| <i>Amorpha canescens</i> | leadplant | - | INV | G5 | S1 |
| <i>Argyrochosma dealbata</i> | powdery cloak fern | - | INV | G4G5 | S2 |
| <i>Asplenium pinnatifidum</i> | lobed spleenwort | - | INV | G4 | S3 |
| <i>Bromus nottowanus</i> | satin brome | - | INV | G3G5 | S2 |
| <i>Carex mesochorea</i> | a caric sedge | - | INV | G4G5 | S2 |
| <i>Carex sparganioides</i> | a caric sedge | - | INV | G5 | S3 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Crataegus phaenopyrum</i> | Washington hawthorn | - | INV | G4? | S1 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |

Madison County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|---------------------------|-----------------------|---------------------|--------------------|-------------------|
| <i>Draba aprica</i> | open-ground whitlow-grass | - | ST | G3 | S2 |
| <i>Eriocaulon koernickianum</i> | small-headed pipewort | - | SE | G2 | S2 |
| <i>Euonymus obovatus</i> | running strawberry bush | - | INV | G5 | S3 |
| <i>Gentiana puberulenta</i> | downy gentian | - | INV | G4G5 | S2 |
| <i>Heuchera villosa</i> var. <i>arkansana</i> | Arkansas alumroot | - | INV | G5T3Q | S3 |
| <i>Huperzia lucidula</i> | shining club-moss | - | INV | G5 | S2S3 |
| <i>Leavenworthia uniflora</i> | glade cress | - | INV | G4 | S3 |
| <i>Lilium superbum</i> | turk's-cap lily | - | INV | G5 | S1 |
| <i>Marshallia caespitosa</i> var. <i>caespitosa</i> | Barbara's buttons | - | INV | G4T4 | S2 |
| <i>Nemastylis nuttallii</i> | Nuttall's pleat-leaf | - | INV | G4 | S2 |
| <i>Osmorhiza claytonii</i> | Clayton's sweet cicely | - | INV | G5 | S1S3 |
| <i>Phlox amplifolia</i> | largeleaf phlox | - | INV | G3G5 | S1S2 |
| <i>Phlox bifida</i> | sand phlox | - | INV | G5? | S3 |
| <i>Platanthera flava</i> var. <i>flava</i> | southern tubercled-orchid | - | ST | G4?T4?Q | S2S3 |
| <i>Prosartes lanuginosa</i> | yellow mandarin | - | INV | G5 | S2 |
| <i>Silene regia</i> | royal catchfly | - | ST | G3 | S2 |
| <i>Symphotrichum sericeum</i> | silky 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 pusillum</i> var. <i>ozarkanum</i> | Ozark least trillium | - | INV | G3T3 | S3 |
| <i>Valerianella ozarkana</i> | Ozark cornsalad | - | INV | G3 | S3 |
| <i>Viburnum molle</i> | soft-leaved arrow-wood | - | INV | G5 | S1 |
| Special Elements-Natural Communities | | | | | |
| Ozark-Ouachita Dry-Mesic Oak Forest | | - | INV | GNR | SNR |
| Ozark-Ouachita Mesic Hardwood Forest | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |
| Geological feature | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Caecidotea dimorpha</i> | an Isopod | - | INV | G2G3 | S2 |
| <i>Caecidotea stiladactyla</i> | an Isopod | - | INV | G3G4 | S3 |
| <i>Cyclonaias tuberculata</i> | purple wartyback | - | INV | G5 | S3? |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Daedalochila peregrina</i> | white liptooth | - | INV | G2 | SNR |
| <i>Epioblasma triquetra</i> | snuffbox | - | INV | G3 | S1 |
| <i>Heterosternuta 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>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Rimulincola divalis</i> | a beetle | - | INV | G1 | S1 |
| <i>Stygobromus ozarkensis</i> | Ozark cave amphipod | - | INV | G4 | S1 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Venustaconcha pleasii</i> | bleedingtooth mussel | - | INV | G3G4 | S3 |
| <i>Villosa iris</i> | rainbow | - | INV | G5Q | S2S3 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma annulatum</i> | ringed salamander | - | INV | G4 | S3 |
| <i>Corynorhinus townsendii ingens</i> | Ozark big-eared bat | LE | INV | G4T1 | S1 |
| <i>Crotaphytus collaris</i> | eastern collared lizard | - | INV | G5 | S3 |
| <i>Erimystax harryi</i> | Ozark chub | - | INV | G3G4Q | S3S4 |
| <i>Eurycea spelaea</i> | grotto salamander | - | INV | G4 | S3 |
| <i>Eurycea tynerensis</i> | Oklahoma salamander | - | INV | G3 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Lampetra aepyptera</i> | least brook lamprey | - | INV | G5 | S2? |
| <i>Lampetra appendix</i> | American brook lamprey | - | INV | G4 | S2? |
| <i>Limnothlypis swainsonii</i> | Swainson's Warbler | - | INV | G4 | S3B |
| <i>Myotis grisescens</i> | gray myotis | LE | INV | G3 | S2S3 |
| <i>Myotis sodalis</i> | Indiana bat | LE | INV | G2 | S1 |
| <i>Notropis ozarcanus</i> | Ozark shiner | - | INV | G3 | S2 |
| <i>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>Rana sylvatica</i> | wood frog | - | INV | G5 | S3 |
| Plants-Vascular | | | | | |
| <i>Amorpha canescens</i> | leadplant | - | INV | G5 | S1 |
| <i>Arabis shortii</i> var. <i>shortii</i> | Short's rockcress | - | INV | G5T5 | S1 |
| <i>Argyrochosma dealbata</i> | powdery cloak fern | - | INV | G4G5 | S2 |
| <i>Asclepias incarnata</i> ssp. <i>incarnata</i> | northern swamp milkweed | - | INV | G5T5 | S2 |
| <i>Brickellia grandiflora</i> | tassel flower | - | INV | G5 | S2 |
| <i>Callirhoe bushii</i> | Bush's poppy mallow | - | INV | G3 | S3 |
| <i>Carex hitchcockiana</i> | Hitchcock's caric sedge | - | INV | G5 | S1S2 |
| <i>Carex leptalea</i> var. <i>harperi</i> | threadstem caric sedge | - | INV | G5T4T5 | S2S3 |

Marion County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|--------------------------|----------------|--------------|-------------|------------|
| <i>Carex mesochorea</i> | a caric sedge | - | INV | G4G5 | S2 |
| <i>Carex pellita</i> | a caric sedge | - | INV | G5 | SH |
| <i>Carex sparganioides</i> | a caric sedge | - | INV | G5 | S3 |
| <i>Carex stricta</i> | tussock sedge | - | INV | G5 | S3 |
| <i>Carex suberecta</i> | a caric sedge | - | INV | G4 | S2 |
| <i>Carex timida</i> | a caric sedge | - | INV | G2G3 | S2S3 |
| <i>Castanea pumila</i> var. <i>ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Delphinium treleasei</i> | Trelease's larkspur | - | INV | G3 | S3 |
| <i>Desmodium illinoense</i> | Illinois tick trefoil | - | INV | G5 | S2 |
| <i>Euonymus obovatus</i> | running strawberry bush | - | INV | G5 | S3 |
| <i>Juglans cinerea</i> | butternut | - | INV | G4 | S3 |
| <i>Leavenworthia uniflora</i> | glade cress | - | INV | G4 | S3 |
| <i>Lithospermum incisum</i> | fringed puccoon | - | INV | G5 | S2S3 |
| <i>Lysimachia hybrida</i> | lanceleaf loosestrife | - | INV | G5 | S1 |
| <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> | prairie turnip | - | INV | G5 | S2 |
| <i>Penstemon cobaea</i> | showy beard-tongue | - | INV | G4 | S3 |
| <i>Perideridia americana</i> | American squaw-root | - | INV | G4 | S2 |
| <i>Philadelphus hirsutus</i> | mock orange | - | INV | G5 | S2S3 |
| <i>Phlox bifida</i> | sand phlox | - | INV | G5? | S3 |
| <i>Prenanthes crepidinea</i> | nodding rattlesnake-root | - | INV | G4 | S1 |
| <i>Rhynchospora capillacea</i> | capillary beakrush | - | INV | G4 | S2 |
| <i>Ribes cynosbati</i> | prickly gooseberry | - | INV | G5 | S2S3 |
| <i>Salvia reflexa</i> | Rocky Mountain sage | - | INV | G5 | SH |
| <i>Silene regia</i> | royal catchfly | - | ST | G3 | S2 |
| <i>Spiranthes lucida</i> | shining ladies'-tresses | - | INV | G5 | S2 |
| <i>Stylophorum diphyllum</i> | celandine poppy | - | INV | G5 | S3 |
| <i>Symphotrichum sericeum</i> | silky aster | - | INV | G5 | S2 |
| <i>Tradescantia ozarkana</i> | Ozark spiderwort | - | INV | G3 | S3 |
| <i>Valerianella ozarkana</i> | Ozark cornsalad | - | INV | G3 | S3 |
| <i>Waldsteinia fragarioides</i> | barren strawberry | - | INV | G5 | S1 |
| Special Elements-Natural Communities | | | | | |
| Central Interior Highlands Calcareous Glade and Barrens | | - | INV | GNR | SNR |
| Ozark-Ouachita Dry Oak Woodland | | - | INV | GNR | SNR |
| Ozark-Ouachita Fen | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Faxonella blairi</i> | a crayfish | - | INV | G2 | S1 |
| <i>Pogonomyrmex comanche</i> | Comanche harvester ant | - | INV | GNR | S1S2 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Uniomerus declivis</i> | tapered pondhorn | - | INV | G5Q | S2 |
| <i>Uniomerus tetralasmus</i> | pondhorn | - | INV | G5 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ammocrypta clara</i> | western sand darter | - | INV | G3 | S2? |
| <i>Atractosteus spatula</i> | alligator gar | - | INV | G3G4 | S2? |
| <i>Cycleptus elongatus</i> | blue sucker | - | INV | G3G4 | S2 |
| <i>Etheostoma parvipinne</i> | goldstripe darter | - | INV | G4G5 | S2 |
| <i>Hiodon alosoides</i> | goldeye | - | INV | G5 | S2? |
| <i>Hybognathus placitus</i> | plains minnow | - | INV | G4 | SX |
| <i>Nerodia cyclopion</i> | Mississippi green water snake | - | INV | G5 | S3 |
| <i>Notropis atrocaudalis</i> | blackspot shiner | - | INV | G4 | S3 |
| <i>Notropis bairdi</i> | Red River shiner | - | INV | G4 | SH |
| <i>Polyodon spathula</i> | paddlefish | - | INV | G4 | S2? |
| <i>Regina grahamii</i> | Graham's crayfish snake | - | INV | G5 | S2 |
| <i>Reithrodontomys humulis</i> | eastern harvest mouse | - | INV | G5 | S2 |
| <i>Scaphiopus holbrookii</i> | eastern spadefoot | - | INV | G5 | S2 |
| <i>Scaphiopus hurterii</i> | Hurter's spadefoot | - | INV | G5 | S2 |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| Plants-Vascular | | | | | |
| <i>Aletris aurea</i> | golden colicroot | - | INV | G5 | S1S2 |
| <i>Alophia drummondii</i> | purple pleat-leaf | - | INV | G4 | S2 |
| <i>Amorpha paniculata</i> | panicled indigo bush | - | ST | G2G3 | S1 |
| <i>Aristida lanosa</i> | woolly threeawn | - | INV | G5 | S2 |
| <i>Asimina parviflora</i> | dwarf pawpaw | - | INV | G5 | S2S3 |
| <i>Astragalus leptocarpus</i> | slimpod milkvetch | - | INV | G5 | S2 |
| <i>Astragalus soxmaniorum</i> | Soxman's milkvetch | - | INV | G3 | S2 |
| <i>Azolla caroliniana</i> | Carolina mosquito fern | - | INV | G5 | SH |
| <i>Berlandiera pumila var. pumila</i> | green eyes | - | INV | G4G5TNR | S1 |
| <i>Bouteloua hirsuta</i> | hairy grama | - | SE | G5 | S1 |
| <i>Bulbostylis ciliatifolia var. coarctata</i> | hairsedge | - | INV | G5T3T5 | S1S2 |
| <i>Carex decomposita</i> | epiphytic caric sedge | - | INV | G3 | S2 |
| <i>Coreopsis intermedia</i> | a tickseed | - | INV | G3 | S1 |
| <i>Crataegus brachyacantha</i> | blueberry hawthorn | - | INV | G4 | S2 |
| <i>Croton michauxii</i> | narrowleaf rushfoil | - | INV | G5 | SNR |
| <i>Dalea phleoides var. microphylla</i> | little-leaved prairie clover | - | ST | G4T4 | S1 |
| <i>Dalea villosa var. grisea</i> | silky prairie clover | - | SE | G5T4 | S1 |
| <i>Delphinium carolinianum ssp. vimineum</i> | Carolina larkspur | - | INV | G5T5 | S2 |
| <i>Echinacea sanguinea</i> | red coneflower | - | ST | G3G5 | S2S3 |
| <i>Engelmannia peristenia</i> | Engelmann's daisy | - | INV | G5 | S1 |
| <i>Eryngium integrifolium</i> | blue-flowered eryngo | - | INV | G5 | S2 |

Miller County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|--------------------------|----------------|--------------|-------------|------------|
| <i>Fuirena bushii</i> | Bush's umbrella-grass | - | INV | G5 | S3 |
| <i>Fuirena simplex</i> var. <i>aristulata</i> | umbrella-grass | - | INV | G5T4 | S1 |
| <i>Geranium texanum</i> | Texas cranesbill | - | INV | G4 | SH |
| <i>Ipomoea cordatotriloba</i> var. <i>cordatotriloba</i> | tievine morning glory | - | INV | G5T5 | S1 |
| <i>Loeflingia squarrosa</i> | loeflingia | - | INV | G5 | S1 |
| <i>Magnolia macrophylla</i> | bigleaf magnolia | - | SE | G5 | S1 |
| <i>Matelea cynanchoides</i> | milkweed vine | - | SE | G4G5 | S1 |
| <i>Mitreola sessilifolia</i> | swamp hornpod | - | INV | G4G5 | S2 |
| <i>Monarda lindheimeri</i> | Lindheimer's beebalm | - | INV | G4 | S1 |
| <i>Nemastylis geminiflora</i> | celestial lily | - | INV | G4 | S3 |
| <i>Nuttallanthus canadensis</i> | sand barrens toadflax | - | INV | G5 | S1S2 |
| <i>Oenothera heterophylla</i> ssp. <i>heterophylla</i> | an evening primrose | - | INV | G4TNR | S1 |
| <i>Pediomelum digitatum</i> | palm-leaved scurf-pea | - | ST | G5 | S1 |
| <i>Pediomelum hypogaeum</i> var. <i>subulatum</i> | buried breadroot | - | SE | G5T4 | S1 |
| <i>Persea borbonia</i> | red bay | - | SE | G5 | SH |
| <i>Phemeranthus rugospermus</i> | rough-seeded fame flower | - | INV | G3G4 | S1 |
| <i>Prunus gracilis</i> | sand plum | - | INV | G4G5 | S1 |
| <i>Quercus arkansana</i> | Arkansas oak | - | INV | G3 | S3 |
| <i>Rhynchospora gracilentia</i> | slender beakrush | - | INV | G5 | S2 |
| <i>Rhynchospora rariflora</i> | fewflower beakrush | - | ST | G5 | S1S2 |
| <i>Scutellaria cardiophylla</i> | heartleaf skullcap | - | INV | G4? | S1 |
| <i>Selaginella arenicola</i> ssp. <i>riddellii</i> | Riddell's spike-moss | - | INV | G4T4 | S3 |
| <i>Sophora affinis</i> | Eve's necklace | - | INV | G4 | S2S3 |
| <i>Spiranthes odorata</i> | fragrant ladies'-tresses | - | INV | G5 | S1 |
| <i>Stenanthium gramineum</i> | featherbells | - | INV | G4G5 | S3 |
| <i>Streptanthus hyacinthoides</i> | a twistflower | - | ST | G4 | S2 |
| <i>Tetragonotheca ludoviciana</i> | Louisiana squarehead | - | SE | G4 | S1 |
| <i>Thalictrum arkansanum</i> | Arkansas meadow rue | - | ST | G2Q | S2 |
| <i>Thelesperma flavodiscum</i> | east Texas goldthread | - | 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> | deer pea vetch | - | INV | G5T5 | S1S2 |
| Special Elements-Natural Communities | | | | | |
| Forested canebrake | | - | INV | GNR | S1 |
| Lowland meander scar lake | | - | INV | GNR | SNR |
| Lowland pine-oak forest | | - | INV | GNR | S1 |
| Shrub swamp | | - | INV | GNR | S3 |
| West Gulf Coastal Plain Sandhill Oak & Shortleaf Pine Forest & Woodland | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Colonial nesting site, swallows & swifts | | - | INV | GNR | SNR |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Cicindela lepida</i> | little white tiger beetle | - | INV | G3G4 | S2S3 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Potamilus capax</i> | fat pocketbook | LE | INV | G1G2 | S1 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Uniomerus declivis</i> | tapered pondhorn | - | INV | G5Q | S2 |
| <i>Uniomerus tetralasmus</i> | pondhorn | - | INV | G5 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma talpoideum</i> | mole salamander | - | INV | G5 | S3 |
| <i>Chrysemys picta dorsalis</i> | southern painted turtle | - | INV | G5 | S3 |
| <i>Cypleptus elongatus</i> | blue sucker | - | INV | G3G4 | S2 |
| <i>Egretta tricolor</i> | Tricolored Heron | - | INV | G5 | S3B,S3N |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hiodon alosoides</i> | goldeye | - | INV | G5 | S2? |
| <i>Hybognathus placitus</i> | plains minnow | - | INV | G4 | SX |
| <i>Limnothlypis swainsonii</i> | Swainson's Warbler | - | INV | G4 | S3B |
| <i>Nerodia cyclopion</i> | Mississippi green water snake | - | INV | G5 | S3 |
| <i>Pandion haliaetus</i> | Osprey | - | INV | G5 | S1B,S4N |
| <i>Platygobio gracilis</i> | flathead chub | - | INV | G5 | S1? |
| <i>Polyodon spathula</i> | paddlefish | - | INV | G4 | S2? |
| <i>Regina grahamii</i> | Graham's crayfish snake | - | INV | G5 | S2 |
| <i>Reithrodontomys humulis</i> | eastern harvest mouse | - | INV | G5 | S2 |
| <i>Scaphiopus holbrookii</i> | eastern spadefoot | - | INV | G5 | S2 |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| Plants-Vascular | | | | | |
| <i>Carex normalis</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Magnolia macrophylla</i> | bigleaf magnolia | - | SE | G5 | S1 |
| <i>Mentha arvensis</i> | field mint | - | INV | G5 | S1 |
| Special Elements-Natural Communities | | | | | |
| Lower Mississippi River Bottomland Depression | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|----------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Cicindela cursitans</i> | ant-like tiger beetle | - | INV | G4 | S2S3 |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Gryllotalpa major</i> | prairie mole cricket | - | INV | G3 | S1S2 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Lirceus louisianae</i> | an isopod | - | INV | GNR | S1 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Obovaria olivaria</i> | hickorynut | - | INV | G4 | S3 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| Animals-Vertebrates | | | | | |
| <i>Ammodramus henslowii</i> | Henslow's Sparrow | - | INV | G4 | S1B,S2N |
| <i>Atractosteus spatula</i> | alligator gar | - | INV | G3G4 | S2? |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Crystallaria asprella</i> | crystal darter | - | INV | G3 | S2? |
| <i>Etheostoma fusiforme</i> | swamp darter | - | INV | G5 | S2? |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hiodon alosoides</i> | goldeye | - | INV | G5 | S2? |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Lasiurus seminolus</i> | Seminole bat | - | INV | G5 | S3 |
| <i>Limnothlypis swainsonii</i> | Swainson's Warbler | - | INV | G4 | S3B |
| <i>Moxostoma pisolabrum</i> | pealip redhorse | - | INV | G5 | S2? |
| <i>Notropis maculatus</i> | taillight shiner | - | INV | G5 | S3 |
| <i>Notropis sabiniae</i> | sabine shiner | - | INV | G4 | S2? |
| <i>Picoides borealis</i> | Red-cockaded Woodpecker | LE | INV | G3 | S2 |
| <i>Polyodon spathula</i> | paddlefish | - | INV | G4 | S2? |
| <i>Regina grahamii</i> | Graham's crayfish snake | - | INV | G5 | S2 |
| Plants-Vascular | | | | | |
| <i>Carex davisii</i> | Davis' caric sedge | - | INV | G4 | S3 |
| <i>Carex gigantea</i> | giant caric sedge | - | INV | G4 | S1S2 |
| <i>Carex opaca</i> | a caric sedge | - | SE | G5T4 | S2S3 |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | - | INV | G3G4 | S3 |
| <i>Minuartia drummondii</i> | a sandwort | - | INV | G5 | S2S3 |
| <i>Oenothera pilosella ssp. sessilis</i> | prairie evening primrose | - | ST | G5T2 | S2 |
| <i>Spiranthes praecox</i> | giant ladies'-tresses | - | INV | G5 | S1S2 |
| Special Elements-Natural Communities | | | | | |
| Lower Mississippi River Bottomland Depression | | - | INV | GNR | SNR |
| Lowland Headwater Stream-Delta | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|-----------------------------------|---------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Cicindela macra</i> | sandy stream tiger beetle | - | INV | G5 | S2S3 |
| <i>Cordulegaster talaria</i> | Ouachita spiketail | - | INV | G1G3 | S1 |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Fallicambarus harpi</i> | a crayfish | - | INV | G2 | S1 |
| <i>Gomphus ozarkensis</i> | Ozark Clubtail Dragonfly | - | INV | G4 | S1 |
| <i>Lampsilis powellii</i> | Arkansas fatmucket | LT | INV | G2 | S2 |
| <i>Lampsilis satura</i> | sandbank pocketbook | - | INV | G2 | S2 |
| <i>Lampsilis siliquoidea</i> | fatmucket | - | INV | G5 | S3 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligidium elrodii</i> | an isopod | - | INV | G4G5 | S2 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| <i>Ophiogomphus westfalli</i> | Ozark snaketail dragonfly | - | INV | G3 | S1S2 |
| <i>Orconectes menae</i> | a crayfish | - | INV | G3 | S3 |
| <i>Pentacora ouachita</i> | Ouachita shore bug | - | INV | GNR | S1 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Procambarus parasimulans</i> | a crayfish | - | INV | G4 | S2 |
| <i>Procambarus tenuis</i> | a crayfish | - | INV | G3 | S2 |
| <i>Pseudactium magazinensis</i> | Ouachita pseudactium | - | INV | GNR | S1 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Stenotrema unciferum</i> | Ouachita slitmouth | - | INV | G2 | SNR |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Uniomerus tetralasmus</i> | pondhorn | - | INV | G5 | S2 |
| <i>Villosa arkansasensis</i> | Ouachita creekshell | - | INV | G2 | S2 |
| <i>Villosa iris</i> | rainbow | - | INV | G5Q | S2S3 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma annulatum</i> | ringed salamander | - | INV | G4 | S3 |
| <i>Crotalus atrox</i> | western diamondback rattlesnake | - | INV | G5 | S2 |
| <i>Dendroica virens</i> | Black-throated Green Warbler | - | INV | G5 | S2B,S5N |
| <i>Etheostoma pallidiorum</i> | paleback darter | - | INV | G2 | S2 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hemidactylium scutatum</i> | four-toed salamander | - | INV | G5 | S3 |
| <i>Lythrurus snelsoni</i> | Ouachita shiner | - | INV | G3 | SNR |
| <i>Myotis austroriparius</i> | southeastern myotis | - | INV | G3G4 | S3 |
| <i>Nocomis asper</i> | redspot chub | - | INV | G4 | S2? |
| <i>Notropis perpallidus</i> | peppered shiner | - | INV | G3 | S2 |
| <i>Noturus lachneri</i> | Ouachita madtom | - | INV | G2 | S2 |
| <i>Noturus taylori</i> | Caddo madtom | - | INV | G1 | S1? |
| <i>Pantherophis emoryi</i> | Great Plains rat snake | - | INV | G5 | S3 |
| <i>Percina sp. nov.</i> | Ouachita darter | - | INV | G2? | SNR |

Montgomery County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-----------------------------|----------------|--------------|-------------|------------|
| <i>Percina uranidea</i> | stargazing darter | - | INV | G3 | S3 |
| <i>Plethodon angusticlavius</i> | Ozark zigzag salamander | - | INV | G4 | S3 |
| <i>Plethodon caddoensis</i> | Caddo Mountain salamander | - | INV | G2 | S2 |
| <i>Plethodon fourchensis</i> | Fourche Mountain salamander | - | INV | G2Q | S2 |
| <i>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| Plants-Vascular | | | | | |
| <i>Acer saccharum</i> var. <i>leucoderme</i> | chalk maple | - | INV | G5 | S2S3 |
| <i>Amorpha ouachitensis</i> | Ouachita indigo bush | - | INV | G3Q | S3 |
| <i>Amsonia hubrichtii</i> | Ouachita bluestar | - | INV | G3 | S3 |
| <i>Asplenium pinnatifidum</i> | lobed spleenwort | - | INV | G4 | S3 |
| <i>Asplenium x gravesii</i> | Grave's hybrid spleenwort | - | INV | GNA | S1 |
| <i>Cardamine angustata</i> | slender toothwort | - | INV | G5 | S2 |
| <i>Carex bromoides</i> ssp. <i>bromoides</i> | a caric sedge | - | INV | G5T5 | S2 |
| <i>Carex emoryi</i> | Emory's caric sedge | - | INV | G5 | S1 |
| <i>Carex laevivaginata</i> | a caric sedge | - | INV | G5 | S2 |
| <i>Carex latebracteata</i> | Waterfall's sedge | - | ST | G3 | S3 |
| <i>Carex leptalea</i> var. <i>harperi</i> | threadstem caric sedge | - | INV | G5T4T5 | S2S3 |
| <i>Carex pennsylvanica</i> | Pennsylvania caric sedge | - | INV | G5 | S3 |
| <i>Carex prasina</i> | drooping caric sedge | - | INV | G4 | SH |
| <i>Carex stricta</i> | tussock sedge | - | INV | G5 | S3 |
| <i>Carex timida</i> | a caric sedge | - | INV | G2G3 | S2S3 |
| <i>Castanea pumila</i> var. <i>ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Cirsium muticum</i> | swamp thistle | - | ST | G5 | S1 |
| <i>Cyrtopodium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Delphinium newtonianum</i> | Moore's larkspur | - | INV | G3 | S3 |
| <i>Dennstaedtia punctilobula</i> | hay-scented cup fern | - | INV | G5 | S2 |
| <i>Didiplis diandra</i> | water purslane | - | INV | G5 | S1S3 |
| <i>Diphasiastrum digitatum</i> | southern running-pine | - | INV | G5 | S1S2 |
| <i>Draba aprica</i> | open-ground whitlow-grass | - | ST | G3 | S2 |
| <i>Dryopteris celsa</i> | log fern | - | INV | G4 | S2 |
| <i>Dryopteris x australis</i> | southern hybrid log fern | - | INV | GNA | S1 |
| <i>Dulichium arundinaceum</i> var. <i>arundinaceum</i> | threeway sedge | - | INV | G5TNR | S2S3 |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | - | INV | G3G4 | S3 |
| <i>Eriocaulon koernickianum</i> | small-headed pipewort | - | SE | G2 | S2 |
| <i>Euphorbia longicuris</i> | wedgeleaf spurge | - | INV | G4G5 | S1 |
| <i>Euphorbia tetrapora</i> | weak spurge | - | INV | G4 | S1 |
| <i>Galium arkansanum</i> var. <i>pubiflorum</i> | Arkansas bedstraw | - | INV | G5T2Q | S2 |
| <i>Gaylussacia baccata</i> | black huckleberry | - | INV | G5 | S3 |
| <i>Gratiola brevifolia</i> | sticky hedge-hyssop | - | INV | G4 | S3 |
| <i>Hedyotis ouachitana</i> | Ouachita bluets | - | INV | G3 | S3 |
| <i>Helianthus occidentalis</i> ssp. <i>plantagineus</i> | plantain-leaf sunflower | - | INV | G5T2T3 | S1 |
| <i>Heuchera villosa</i> var. <i>arkansana</i> | Arkansas alumroot | - | INV | G5T3Q | S3 |
| <i>Hydrophyllum brownei</i> | Browne's waterleaf | - | INV | G2 | S2 |
| <i>Ilex decidua</i> var. <i>longipes</i> | Georgia holly | - | INV | G5 | S3 |
| <i>Iris verna</i> | dwarf iris | - | INV | G5 | S2 |
| <i>Liatris compacta</i> | Ouachita blazing star | - | INV | G5T3 | S3 |
| <i>Luzula acuminata</i> var. <i>carolinae</i> | hairy wood rush | - | INV | G5T4T5 | S2 |
| <i>Marshallia caespitosa</i> var. <i>caespitosa</i> | Barbara's buttons | - | INV | G4T4 | S2 |
| <i>Melanthium woodii</i> | false hellebore | - | INV | G5 | S3 |

Montgomery County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|-----------------------------|----------------|--------------|-------------|------------|
| <i>Osmorhiza claytonii</i> | Clayton's sweet cicely | - | INV | G5 | S1S3 |
| <i>Paronychia virginica</i> | nailwort | - | INV | G4 | S2 |
| <i>Platanthera flava</i> var. <i>flava</i> | southern tubercled-orchid | - | ST | G4?T4?Q | S2S3 |
| <i>Podostemum ceratophyllum</i> | riverweed | - | INV | G5 | S3 |
| <i>Polymnia cossatotensis</i> | Cossatot leafcup | - | INV | G1 | S1 |
| <i>Ptilimnium nodosum</i> | harperella | LE | INV | G2 | S2 |
| <i>Quercus acerifolia</i> | maple-leaved oak | - | ST | G1 | S1 |
| <i>Sanicula smallii</i> | 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 Mountain goldenrod | - | INV | G3 | S3 |
| <i>Stachys iltisii</i> | hedgenettle | - | 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> | a 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 pusillum</i> var. <i>ozarkanum</i> | Ozark least trillium | - | INV | G3T3 | S3 |
| <i>Uvularia perfoliata</i> | perfoliate bellwort | - | INV | G5 | S3 |
| <i>Valerianella nuttallii</i> | Nuttall's cornsalad | - | INV | G2? | S2 |
| <i>Valerianella palmeri</i> | Palmer's cornsalad | - | INV | G3 | S3 |
| <i>Vernonia lettermannii</i> | Letterman's ironweed | - | INV | G3 | S3 |

Special Elements-Natural Communities

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

Special Elements-Other

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

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Bouchardina robisoni</i> | a crayfish | - | INV | G1 | S1 |
| <i>Caecidotea foxi</i> | an isopod | - | INV | GNR | S1 |
| <i>Caecidotea obtusa</i> | an isopod | - | INV | GNR | S1 |
| <i>Cicindela formosa pigmentosignata</i> | big sand tiger beetle | - | INV | G5T5 | S2S3 |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Pogonomyrmex comanche</i> | Comanche harvester ant | - | INV | GNR | S1S2 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Villosa arkansasensis</i> | Ouachita creekshell | - | INV | G2 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Alosa alabamae</i> | Alabama shad | - | INV | G3 | S1S2 |
| <i>Ambystoma talpoideum</i> | mole salamander | - | INV | G5 | S3 |
| <i>Cemophora coccinea copei</i> | northern scarlet snake | - | INV | G5T5 | S3 |
| <i>Etheostoma parvipinne</i> | goldstripe darter | - | INV | G4G5 | S2 |
| <i>Eurycea quadridigitata</i> | dwarf salamander | - | INV | G5 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Micrurus tener tener</i> | Texas coral snake | - | INV | G5T5 | S2 |
| <i>Myotis austroriparius</i> | southeastern myotis | - | INV | G3G4 | S3 |
| <i>Ophisaurus attenuatus attenuatus</i> | western slender glass lizard | - | INV | G5T5 | S3 |
| <i>Percina sp. nov.</i> | Ouachita darter | - | INV | G2? | SNR |
| Plants-Vascular | | | | | |
| <i>Aristida desmantha</i> | curly threeawn | - | INV | G5 | S1 |
| <i>Aristida lanosa</i> | woolly threeawn | - | INV | G5 | S2 |
| <i>Astragalus leptocarpus</i> | slimpod milkvetch | - | INV | G5 | S2 |
| <i>Astragalus soxmaniorum</i> | Soxman's milkvetch | - | INV | G3 | S2 |
| <i>Bulbostylis ciliatifolia var. ciliatifolia</i> | hairsedge | - | INV | G5T3T5 | SNR |
| <i>Carex leptalea var. harperi</i> | threadstem caric sedge | - | INV | G5T4T5 | S2S3 |
| <i>Coreopsis basalis</i> | a tickseed | - | INV | G5 | S2 |
| <i>Croton michauxii</i> | narrowleaf rushfoil | - | INV | G5 | SNR |
| <i>Cyperus grayoides</i> | Mohlenbrock's flatsedge | - | INV | G3 | S1 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Danthonia sericea</i> | downy oatgrass | - | INV | G5? | S1 |
| <i>Delphinium carolinianum ssp. vimineum</i> | Carolina larkspur | - | INV | G5T5 | S2 |
| <i>Dulichium arundinaceum var. arundinaceum</i> | threeway sedge | - | INV | G5TNR | S2S3 |
| <i>Eriogonum multiflorum var. multiflorum</i> | many-flowered buckwheat | - | INV | G5T3T5 | S3 |

Nevada County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------|----------------|--------------|-------------|------------|
| <i>Gymnopogon brevifolius</i> | shortleaf skeletongrass | - | INV | G5 | S2 |
| <i>Halesia diptera</i> | two-winged silverbell | - | SE | G5 | SH |
| <i>Nemastylis geminiflora</i> | celestial lily | - | INV | G4 | S3 |
| <i>Oenothera heterophylla ssp. orientalis</i> | an evening primrose | - | INV | G4T1T2 | S1S2 |
| <i>Pediomelum hypogaeum var. subulatum</i> | buried breadroot | - | SE | G5T4 | S1 |
| <i>Penstemon murrayanus</i> | scarlet beard-tongue | - | ST | G4 | S2 |
| <i>Phacelia strictiflora var. robbinsii</i> | Robbin's scorpionweed | - | INV | G5T4 | S1S2 |
| <i>Polanisia erosa ssp. erosa</i> | clammyweed | - | INV | G5T5 | S1S2 |
| <i>Pseudolycopodiella caroliniana</i> | Carolina bog club-moss | - | INV | G5T4 | S1 |
| <i>Quercus arkansana</i> | Arkansas oak | - | INV | G3 | S3 |
| <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> | redberry greenbrier | - | INV | G5 | S2S3 |
| <i>Sophora affinis</i> | Eve's necklace | - | INV | G4 | S2S3 |
| <i>Spiranthes praecox</i> | giant ladies'-tresses | - | INV | G5 | S1S2 |
| <i>Streptanthus hyacinthoides</i> | a twistflower | - | ST | G4 | S2 |
| <i>Stylisma pickeringii var. pattersonii</i> | Patterson's dawnflower | - | INV | G4T4 | S2 |
| <i>Tradescantia reverchonii</i> | Reverchon's spiderwort | - | INV | G4 | S3 |
| <i>Trifolium bejariense</i> | Bejar clover | - | INV | G4 | SH |
| Special Elements-Natural Communities | | | | | |
| Cypress-tupelo swamp | | - | INV | GNR | S2 |
| Lowland oak-sweetgum forest | | - | INV | GNR | S1 |
| West Gulf Coastal Plain Sandhill Oak & Shortleaf Pine Forest & Woodland | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---------------------------------------|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Alasmidonta viridis</i> | slippershell mussel | - | INV | G4G5 | S1 |
| <i>Arrhopalites clarus</i> | a springtail | - | INV | G4 | S1S2 |
| <i>Caecidotea ancyla</i> | an Isopod | - | INV | G3G4 | S2 |
| <i>Caecidotea macropropoda</i> | bat cave isopod | - | INV | G2G3 | S2 |
| <i>Caecidotea stiladactyla</i> | an isopod | - | INV | G3G4 | S3 |
| <i>Cambarus causeyi</i> | a crayfish | - | INV | G2 | S1 |
| <i>Cicindela unipunctata</i> | woodland tiger beetle | - | INV | G4G5 | S2 |
| <i>Crosbyella distincta</i> | a cave obligate harvestman | - | INV | G1G2 | S1 |
| <i>Cyclonaias tuberculata</i> | purple wartyback | - | INV | G5 | S3? |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Dendrocoelopsis americana</i> | a cave obligate planarian | - | INV | G2G3 | S1 |
| <i>Heterosternuta phoebeae</i> | a predaceous diving beetle | - | INV | GNR | 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>Ptychobranchnus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Scaphinotus inflectus</i> | a ground beetle | - | INV | GNR | S1 |
| <i>Stygobromus ozarkensis</i> | Ozark cave amphipod | - | INV | G4 | S1 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Trigenotyla parca</i> | a cave obligate millipede | - | INV | G1G2 | S1 |
| <i>Venustaconcha pleasii</i> | bleedingtooth mussel | - | INV | G3G4 | S3 |
| <i>Villosa iris</i> | rainbow | - | INV | G5Q | S2S3 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Accipiter striatus</i> | Sharp-shinned Hawk | - | INV | G5 | S1S2B |
| <i>Ambystoma tigrinum tigrinum</i> | eastern tiger salamander | - | INV | G5T5 | S3 |
| <i>Corynorhinus townsendii ingens</i> | Ozark big-eared bat | LE | INV | G4T1 | S1 |
| <i>Crotaphytus collaris</i> | eastern collared lizard | - | INV | G5 | S3 |
| <i>Dendroica cerulea</i> | Cerulean Warbler | - | INV | G4 | S4B |
| <i>Erimystax harrisi</i> | Ozark chub | - | INV | G3G4Q | S3S4 |
| <i>Eurycea spelaea</i> | grotto salamander | - | INV | G4 | S3 |
| <i>Eurycea tynerensis</i> | Oklahoma salamander | - | INV | G3 | S3 |
| <i>Lampetra aepyptera</i> | least brook lamprey | - | INV | G5 | S2? |
| <i>Lampetra appendix</i> | American brook lamprey | - | INV | G4 | S2? |
| <i>Limnothlypis swainsonii</i> | Swainson's Warbler | - | INV | G4 | S3B |
| <i>Myotis grisescens</i> | gray myotis | LE | INV | G3 | S2S3 |
| <i>Myotis leibii</i> | eastern small-footed bat | - | INV | G3 | S1 |
| <i>Myotis sodalis</i> | Indiana bat | LE | INV | G2 | S1 |
| <i>Notropis ozarcanus</i> | Ozark shiner | - | INV | G3 | S2 |
| <i>Plethodon angusticlavius</i> | Ozark zigzag salamander | - | INV | G4 | S3 |

Newton County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-----------------------------|-----------------------|---------------------|--------------------|-------------------|
| <i>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| <i>Rana sylvatica</i> | wood frog | - | INV | G5 | S3 |
| <i>Thryomanes bewickii</i> | Bewick's Wren | - | INV | G5 | S2B,S3N |
| Plants-Vascular | | | | | |
| <i>Abutilon incanum</i> | Texas Indian mallow | - | INV | G5? | S1S2 |
| <i>Amorpha canescens</i> | leadplant | - | INV | G5 | S1 |
| <i>Arnoglossum reniforme</i> | great Indian plantain | - | INV | G4 | S2 |
| <i>Brickellia grandiflora</i> | tassel flower | - | INV | G5 | S2 |
| <i>Carex careyana</i> | Carey's caric sedge | - | INV | G4G5 | S3 |
| <i>Carex hirtifolia</i> | a caric sedge | - | INV | G5 | S3 |
| <i>Carex hitchcockiana</i> | Hitchcock's caric sedge | - | INV | G5 | S1S2 |
| <i>Carex shortiana</i> | Short's caric sedge | - | INV | G5 | S2 |
| <i>Carex sparganioides</i> | a caric sedge | - | INV | G5 | S3 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Caulophyllum thalictroides</i> | blue cohosh | - | INV | G4G5 | S2 |
| <i>Collinsia verna</i> | blue-eyed Mary | - | INV | G5 | S1 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Delphinium newtonianum</i> | Moore's larkspur | - | INV | G3 | S3 |
| <i>Diphasiastrum digitatum</i> | southern running-pine | - | INV | G5 | S1S2 |
| <i>Dodecatheon frenchii</i> | French's shooting star | - | ST | G3 | S2 |
| <i>Elymus churchii</i> | Church's wild rye | - | INV | G2G3 | S2? |
| <i>Heuchera villosa var. arkansana</i> | Arkansas alumroot | - | INV | G5T3Q | S3 |
| <i>Hieracium scabrum</i> | rough hawkweed | - | INV | G5 | S2 |
| <i>Huperzia lucidula</i> | shining club-moss | - | INV | G5 | S2S3 |
| <i>Juglans cinerea</i> | butternut | - | INV | G4 | S3 |
| <i>Leavenworthia uniflora</i> | glade cress | - | INV | G4 | S3 |
| <i>Lilium superbum</i> | turk's-cap lily | - | INV | G5 | S1 |
| <i>Melanthium woodii</i> | false hellebore | - | INV | G5 | S3 |
| <i>Mimulus floribundus</i> | yellow monkey flower | - | INV | G5 | S2S3 |
| <i>Muhlenbergia bushii</i> | nodding muhly | - | INV | G5 | S2 |
| <i>Nemastylis nuttallii</i> | Nuttall's pleat-leaf | - | INV | G4 | S2 |
| <i>Neviusia alabamensis</i> | Alabama snow wreath | - | ST | G2 | S1S2 |
| <i>Osmorhiza claytonii</i> | Clayton's sweet cicely | - | INV | G5 | S1S3 |
| <i>Phacelia gilioides</i> | hairy scorpionweed | - | INV | G5 | S2S3 |
| <i>Philadelphus hirsutus</i> | mock orange | - | INV | G5 | S2S3 |
| <i>Phlox bifida</i> | sand phlox | - | INV | G5? | S3 |
| <i>Prosartes lanuginosa</i> | yellow mandarin | - | INV | G5 | S2 |
| <i>Silene ovata</i> | ovate-leaved catchfly | - | ST | G3 | S3 |
| <i>Silene regia</i> | royal catchfly | - | ST | G3 | S2 |
| <i>Smilax ecirrata</i> | carrion-flower | - | INV | G5? | SH |
| <i>Stachys iltisii</i> | hedgenettle | - | INV | GNR | S3 |
| <i>Stylophorum diphyllum</i> | celandine poppy | - | INV | G5 | S3 |
| <i>Symphotrichum sericeum</i> | silky aster | - | INV | G5 | S2 |
| <i>Symphotrichum shortii</i> | Short's aster | - | INV | G5 | S1 |
| <i>Tradescantia ozarkana</i> | Ozark spiderwort | - | INV | G3 | S3 |
| <i>Trichomanes petersii</i> | dwarf bristle fern | - | ST | G4G5 | S2 |
| <i>Trillium pusillum var. ozarkanum</i> | Ozark least trillium | - | INV | G3T3 | S3 |
| <i>Viola canadensis var. canadensis</i> | Canada violet | - | INV | G5T5 | S2 |
| Special Elements-Natural Communities | | | | | |
| Central Interior Highlands & Appalachian Sinkhole & Depression Pond | | - | INV | GNR | SNR |

Newton County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|--------------------|-----------------------|---------------------|--------------------|-------------------|
| Ozark-Ouachita Mesic Hardwood Forest | | - | INV | GNR | SNR |
| Upland Headwater Stream-Ozark Mountains | | - | INV | GNR | SNR |
| Upland River-Ozark Mountains | | - | INV | GNR | SNR |
| Upland Stream-Ozark Mountains | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |
| Geological feature | | - | INV | GNR | SNR |

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| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|--------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Arkansia wheeleri</i> | Ouachita rock pocketbook | LE | INV | G1 | S1 |
| <i>Caecidotea foxi</i> | an isopod | - | INV | GNR | S1 |
| <i>Cicindela formosa pigmentosignata</i> | big sand tiger beetle | - | INV | G5T5 | S2S3 |
| <i>Cumberlandia monodonta</i> | spectaclecase | C | INV | G3 | S1 |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Lampsilis ornata</i> | southern pocketbook | - | INV | G5 | S1 |
| <i>Lampsilis satura</i> | sandbank pocketbook | - | INV | G2 | S2 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Pogonomyrmex comanche</i> | Comanche harvester ant | - | INV | GNR | S1S2 |
| <i>Ptychobranchus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula fragosa</i> | winged mapleleaf | LE | INV | G1 | S1 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Acipenser fulvescens</i> | lake sturgeon | - | INV | G3G4 | S1 |
| <i>Alosa alabamae</i> | Alabama shad | - | INV | G3 | S1S2 |
| <i>Crystallaria asprella</i> | crystal darter | - | INV | G3 | S2? |
| <i>Erimyzon sucetta</i> | lake chubsucker | - | INV | G5 | S2? |
| <i>Etheostoma parvipinne</i> | goldstripe darter | - | INV | G4G5 | S2 |
| <i>Eurycea quadridigitata</i> | dwarf salamander | - | INV | G5 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Micrurus tener tener</i> | Texas coral snake | - | INV | G5T5 | S2 |
| <i>Myotis austroriparius</i> | southeastern myotis | - | INV | G3G4 | S3 |
| <i>Notropis perpallidus</i> | peppered shiner | - | INV | G3 | S2 |
| <i>Percina sp. nov.</i> | Ouachita darter | - | INV | G2? | SNR |
| <i>Percina uranidea</i> | stargazing darter | - | INV | G3 | S3 |
| <i>Pteronotrops hubbsi</i> | bluehead shiner | - | INV | G3 | S3 |
| <i>Regina rigida sinicola</i> | gulf crayfish snake | - | INV | G5T5 | S3 |
| <i>Scaphiopus holbrookii</i> | eastern spadefoot | - | INV | G5 | S2 |
| <i>Scaphiopus hurterii</i> | Hurter's spadefoot | - | INV | G5 | S2 |
| Plants-Vascular | | | | | |
| <i>Acer saccharum var. leucoderme</i> | chalk maple | - | INV | G5 | S2S3 |
| <i>Alophia drummondii</i> | purple pleat-leaf | - | INV | G4 | S2 |
| <i>Aristida lanosa</i> | woolly threeawn | - | INV | G5 | S2 |
| <i>Astragalus leptocarpus</i> | slimpod milkvetch | - | INV | G5 | S2 |

Ouachita County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|--------------------------|----------------|--------------|-------------|------------|
| <i>Astragalus soxmaniorum</i> | Soxman's milkvetch | - | INV | G3 | S2 |
| <i>Bulbostylis ciliatifolia</i> var. <i>coarctata</i> | hairsedge | - | INV | G5T3T5 | S1S2 |
| <i>Coelorachis rugosa</i> | wrinkled jointgrass | - | INV | G5 | S2 |
| <i>Coreopsis basalis</i> | a tickseed | - | INV | G5 | S2 |
| <i>Cyperus grayoides</i> | Mohlenbrock's flatsedge | - | INV | G3 | S1 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Danthonia sericea</i> | downy oatgrass | - | INV | G5? | S1 |
| <i>Delphinium carolinianum</i> ssp. <i>vimineum</i> | Carolina larkspur | - | INV | G5T5 | S2 |
| <i>Diphasiastrum digitatum</i> | southern running-pine | - | INV | G5 | S1S2 |
| <i>Dulichium arundinaceum</i> var. <i>arundinaceum</i> | threeway sedge | - | INV | G5TNR | S2S3 |
| <i>Eriogonum multiflorum</i> var. <i>multiflorum</i> | many-flowered buckwheat | - | INV | G5T3T5 | S3 |
| <i>Ipomoea cordatotriloba</i> var. <i>cordatotriloba</i> | tievine morning glory | - | INV | G5T5 | S1 |
| <i>Nuttallanthus canadensis</i> | sand barrens toadflax | - | INV | G5 | S1S2 |
| <i>Oenothera heterophylla</i> ssp. <i>orientalis</i> | an evening primrose | - | INV | G4T1T2 | S1S2 |
| <i>Penstemon murrayanus</i> | scarlet beard-tongue | - | ST | G4 | S2 |
| <i>Phacelia strictiflora</i> var. <i>robbinsii</i> | Robbin's scorpionweed | - | INV | G5T4 | S1S2 |
| <i>Phemeranthus rugospermus</i> | rough-seeded fame flower | - | INV | G3G4 | S1 |
| <i>Polanisia erosa</i> ssp. <i>erosa</i> | clammyweed | - | INV | G5T5 | S1S2 |
| <i>Quercus arkansana</i> | Arkansas oak | - | INV | G3 | S3 |
| <i>Quercus sinuata</i> | Durand's white oak | - | ST | G4G5 | S2 |
| <i>Selaginella arenicola</i> ssp. <i>riddellii</i> | Riddell's spike-moss | - | INV | G4T4 | S3 |
| <i>Smilax walteri</i> | redberry greenbrier | - | INV | G5 | S2S3 |
| <i>Spiraea tomentosa</i> | hardhack | - | INV | G5 | S2 |
| <i>Spiranthes praecox</i> | giant ladies'-tresses | - | INV | G5 | S1S2 |
| <i>Stenanthium gramineum</i> | featherbells | - | INV | G4G5 | S3 |
| <i>Stewartia malacodendron</i> | silky camellia | - | SE | G4 | S1 |
| <i>Streptanthus hyacinthoides</i> | a twistflower | - | ST | G4 | S2 |
| <i>Stylisma pickeringii</i> var. <i>pattersonii</i> | Patterson's dawnflower | - | INV | G4T4 | S2 |
| <i>Tradescantia reverchonii</i> | Reverchon's spiderwort | - | INV | G4 | S3 |

Special Elements-Natural Communities

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

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|---------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alloperla caddo</i> | Caddo sallfly | - | INV | G2 | S1 |
| <i>Caecidotea holti</i> | an isopod | - | INV | GNR | S1 |
| <i>Cicindela hirticollis</i> | beach-dune tiger beetle | - | INV | G5 | S2S3 |
| <i>Cicindela macra</i> | sandy stream tiger beetle | - | INV | G5 | S2S3 |
| <i>Lampsilis satura</i> | sandbank pocketbook | - | INV | G2 | S2 |
| <i>Leptodea leptodon</i> | scaleshell | LE | INV | G1G2 | S1 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Ochrotrichia robisoni</i> | a microcaddisfly | - | INV | G1G3 | S1 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma annulatum</i> | ringed salamander | - | INV | G4 | S3 |
| <i>Atractosteus spatula</i> | alligator gar | - | INV | G3G4 | S2? |
| <i>Cemophora coccinea copei</i> | northern scarlet snake | - | INV | G5T5 | S3 |
| <i>Crotalus atrox</i> | western diamondback rattlesnake | - | INV | G5 | S2 |
| <i>Eurycea quadridigitata</i> | dwarf salamander | - | INV | G5 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hemidactylium scutatum</i> | four-toed salamander | - | INV | G5 | S3 |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Notropis ortenburgeri</i> | Kiamichi shiner | - | INV | G3 | S2 |
| <i>Pantherophis emoryi</i> | Great Plains rat snake | - | INV | G5 | S3 |
| <i>Percina nasuta</i> | longnose darter | - | INV | G3 | S2 |
| <i>Picoides borealis</i> | Red-cockaded Woodpecker | LE | INV | G3 | S2 |
| <i>Pseudacris streckeri</i> | Strecker's chorus frog | - | INV | G5 | S2 |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| Plants-Vascular | | | | | |
| <i>Amorpha ouachitensis</i> | Ouachita indigo bush | - | INV | G3Q | S3 |
| <i>Amsonia hubrichtii</i> | Ouachita bluestar | - | INV | G3 | S3 |
| <i>Bergia texana</i> | Texas bergia | - | INV | G5 | S2 |
| <i>Calamovilfa arcuata</i> | Cumberland sandreed | - | INV | G2 | S1 |
| <i>Carex pensylvanica</i> | Pennsylvania caric sedge | - | INV | G5 | S3 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Dulichium arundinaceum var. arundinaceum</i> | threeway sedge | - | INV | G5TNR | S2S3 |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | - | INV | G3G4 | S3 |
| <i>Gratiola brevifolia</i> | sticky hedge-hyssop | - | INV | G4 | S3 |
| <i>Hedyotis ouachitana</i> | Ouachita bluets | - | INV | G3 | S3 |
| <i>Helianthus occidentalis ssp. plantagineus</i> | plantain-leaf sunflower | - | INV | G5T2T3 | S1 |
| <i>Liatris compacta</i> | Ouachita blazing star | - | INV | G5T3 | S3 |
| <i>Marshallia caespitosa var. signata</i> | Barbara's buttons | - | INV | G4T4 | S1 |
| <i>Philadelphus hirsutus</i> | mock orange | - | INV | G5 | S2S3 |
| <i>Podostemum ceratophyllum</i> | riverweed | - | INV | G5 | S3 |
| <i>Potamogeton pulcher</i> | spotted pondweed | - | INV | G5 | S3 |
| <i>Ptilimnium nodosum</i> | harperella | LE | INV | G2 | S2 |

Perry County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|---------------------------------|-----------------------|---------------------|--------------------|-------------------|
| <i>Stachys iltisii</i> | hedgenettle | - | INV | GNR | S3 |
| <i>Uvularia perfoliata</i> | perfoliate bellwort | - | INV | G5 | S3 |
| <i>Woodsia scopulina ssp. appalachiana</i> | Appalachian Mountain cliff fern | - | INV | G4 | S1 |
| <i>Xyris difformis var. difformis</i> | a yellow-eyed grass | - | INV | G5T5 | S2 |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|----------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Lirceus louisianae</i> | an isopod | - | INV | GNR | S1 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| <i>Obovaria olivaria</i> | hickorynut | - | INV | G4 | S3 |
| <i>Potamilus capax</i> | fat pocketbook | LE | INV | G1G2 | S1 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| Animals-Vertebrates | | | | | |
| <i>Acipenser fulvescens</i> | lake sturgeon | - | INV | G3G4 | S1 |
| <i>Atractosteus spatula</i> | alligator gar | - | INV | G3G4 | S2? |
| <i>Chrysemys picta dorsalis</i> | southern painted turtle | - | INV | G5 | S3 |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Hiodon alosoides</i> | goldeye | - | INV | G5 | S2? |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Limnothlypis swainsonii</i> | Swainson's Warbler | - | INV | G4 | S3B |
| <i>Noturus flavus</i> | stonecat | - | INV | G5 | S1 |
| <i>Polyodon spathula</i> | paddlefish | - | INV | G4 | S2? |
| <i>Regina grahamii</i> | Graham's crayfish snake | - | INV | G5 | S2 |
| <i>Scaphirhynchus albus</i> | pallid sturgeon | LE | INV | G2 | S1 |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| Plants-Vascular | | | | | |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | - | INV | G3G4 | S3 |
| <i>Juglans cinerea</i> | butternut | - | INV | G4 | S3 |
| <i>Obolaria virginica</i> | Virginia pennywort | - | INV | G5 | S2 |
| <i>Osmorhiza claytonii</i> | Clayton's sweet cicely | - | INV | G5 | S1S3 |
| <i>Schisandra glabra</i> | climbing magnolia | - | INV | G3 | S2S3 |
| <i>Zannichellia palustris</i> | horned pondweed | - | INV | G5 | S2S3 |
| Special Elements-Natural Communities | | | | | |
| Mississippi River Riparian Forest | | - | INV | GNR | SNR |
| Southern Crowley's Ridge Mesic Loess Slope Forest | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Alasmidonta viridis</i> | slippershell mussel | - | INV | G4G5 | S1 |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Fallicambarus harpi</i> | a crayfish | - | INV | G2 | S1 |
| <i>Fallicambarus jeanae</i> | a crayfish | - | INV | G2 | S2 |
| <i>Fallicambarus strawni</i> | a crayfish | - | INV | G1G2 | S1 |
| <i>Heterosternuta ouachita</i> | Ouachita diving beetle | - | INV | GNR | S2 |
| <i>Lampsilis ornata</i> | southern pocketbook | - | INV | G5 | S1 |
| <i>Lampsilis powellii</i> | Arkansas fatmucket | LT | INV | G2 | S2 |
| <i>Lampsilis satura</i> | sandbank pocketbook | - | INV | G2 | S2 |
| <i>Lampsilis siliquoidea</i> | fatmucket | - | INV | G5 | S3 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Ptychobranchus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Aimophila ruficeps</i> | Rufous-crowned Sparrow | - | INV | G5 | S1 |
| <i>Ambystoma talpoideum</i> | mole salamander | - | INV | G5 | S3 |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Dendroica cerulea</i> | Cerulean Warbler | - | INV | G4 | S4B |
| <i>Etheostoma pallidiorsum</i> | paleback darter | - | INV | G2 | S2 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Nerodia cyclopion</i> | Mississippi green water snake | - | INV | G5 | S3 |
| <i>Nocomis asper</i> | redspot chub | - | INV | G4 | S2? |
| <i>Notropis perpalidus</i> | peppered shiner | - | INV | G3 | S2 |
| <i>Noturus taylori</i> | Caddo madtom | - | INV | G1 | S1? |
| <i>Ophisaurus attenuatus attenuatus</i> | western slender glass lizard | - | INV | G5T5 | S3 |
| <i>Percina sp. nov.</i> | Ouachita darter | - | INV | G2? | SNR |
| <i>Plethodon caddoensis</i> | Caddo Mountain salamander | - | INV | G2 | S2 |
| <i>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| <i>Polyodon spathula</i> | paddlefish | - | INV | G4 | S2? |
| Plants-Vascular | | | | | |
| <i>Acer saccharum var. leucoderme</i> | chalk maple | - | INV | G5 | S2S3 |
| <i>Amsonia hubrichtii</i> | Ouachita bluestar | - | INV | G3 | S3 |
| <i>Asplenium pinnatifidum</i> | lobed spleenwort | - | INV | G4 | S3 |
| <i>Cardamine angustata</i> | slender toothwort | - | INV | G5 | S2 |
| <i>Carex emoryi</i> | Emory's caric sedge | - | INV | G5 | S1 |
| <i>Carex latebracteata</i> | Waterfall's sedge | - | ST | G3 | S3 |
| <i>Carex pennsylvanica</i> | Pennsylvania caric sedge | - | INV | G5 | S3 |
| <i>Carex stricta</i> | tussock sedge | - | INV | G5 | S3 |
| <i>Carex timida</i> | a caric sedge | - | INV | G2G3 | S2S3 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |

Pike County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|-----------------------------|-----------------------|---------------------|--------------------|-------------------|
| <i>Delphinium newtonianum</i> | Moore's larkspur | - | INV | G3 | S3 |
| <i>Deschampsia flexuosa</i> | crinkled hairgrass | - | INV | G5 | S2S3 |
| <i>Galium arkansanum</i> var. <i>pubiflorum</i> | Arkansas bedstraw | - | INV | G5T2Q | S2 |
| <i>Gaylussacia baccata</i> | black huckleberry | - | INV | G5 | S3 |
| <i>Gratiola brevifolia</i> | sticky hedge-hyssop | - | INV | G4 | S3 |
| <i>Hedyotis ouachitana</i> | Ouachita bluets | - | INV | G3 | S3 |
| <i>Hydrophyllum brownei</i> | Browne's waterleaf | - | INV | G2 | S2 |
| <i>Ilex decidua</i> var. <i>longipes</i> | Georgia holly | - | INV | G5 | S3 |
| <i>Liatris compacta</i> | Ouachita blazing star | - | INV | G5T3 | S3 |
| <i>Luzula acuminata</i> var. <i>carolinae</i> | hairy wood rush | - | INV | G5T4T5 | S2 |
| <i>Lycopodiella prostrata</i> | prostrate bog club-moss | - | INV | G5 | S1 |
| <i>Podostemum ceratophyllum</i> | riverweed | - | INV | G5 | S3 |
| <i>Pseudolycopodiella caroliniana</i> | Carolina bog club-moss | - | INV | G5T4 | S1 |
| <i>Selaginella arenicola</i> ssp. <i>riddellii</i> | Riddell's spike-moss | - | INV | G4T4 | S3 |
| <i>Solidago ouachitensis</i> | Ouachita Mountain goldenrod | - | INV | G3 | S3 |
| <i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i> | Arkansas twistflower | - | INV | G3T3 | S3 |
| <i>Streptanthus squamiformis</i> | a twistflower | - | ST | G2 | S2 |
| Special Elements-Natural Communities | | | | | |
| West Gulf Coastal Plain Seepage Swamp and Baygall | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Geological feature | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---------------------------------------|-------------------------------|-----------------------|---------------------|--------------------|-------------------|
| Animals-Invertebrates | | | | | |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Potamilus capax</i> | fat pocketbook | LE | INV | G1G2 | S1 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Uniomereus declivis</i> | tapered pondhorn | - | INV | G5Q | S2 |
| <i>Uniomereus tetralasmus</i> | pondhorn | - | INV | G5 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma talpoideum</i> | mole salamander | - | INV | G5 | S3 |
| <i>Carphophis amoenus helenae</i> | midwest worm snake | - | INV | G5T5 | S2 |
| <i>Chrysemys picta dorsalis</i> | southern painted turtle | - | INV | G5 | S3 |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Deirochelys reticularia miaria</i> | western chicken turtle | - | INV | G5T5 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Lasiurus seminolus</i> | Seminole bat | - | INV | G5 | S3 |
| <i>Nerodia cyclopion</i> | Mississippi green water snake | - | INV | G5 | S3 |
| <i>Notropis maculatus</i> | taillight shiner | - | INV | G5 | S3 |
| <i>Regina grahamii</i> | Graham's crayfish snake | - | INV | G5 | S2 |
| <i>Taxidea taxus</i> | American badger | - | INV | G5 | S1S2 |
| <i>Thryomanes bewickii</i> | Bewick's Wren | - | INV | G5 | S2B,S3N |
| Plants-Vascular | | | | | |
| <i>Carex muskingumensis</i> | palm caric sedge | - | INV | G4 | S1 |
| <i>Carex opaca</i> | a caric sedge | - | SE | G5T4 | S2S3 |
| <i>Lindera melissifolia</i> | pondberry | LE | SE | G2G3 | S2 |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---------------------------------------|---------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Abacion wilhelminae</i> | a millipede | - | INV | GNR | S1 |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Caecidotea fonticulus</i> | an isopod | - | INV | GNR | S1 |
| <i>Caecidotea oculata</i> | an isopod | - | INV | G2G3 | S1 |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Dendrocoelopsis americana</i> | a cave obligate planarian | - | INV | G2G3 | S1 |
| <i>Diplocardia meansi</i> | an earthworm | - | INV | GNR | S2S3 |
| <i>Lampsilis powellii</i> | Arkansas fatmucket | LT | INV | G2 | S2 |
| <i>Lampsilis satura</i> | sandbank pocketbook | - | INV | G2 | S2 |
| <i>Lampsilis siliquoidea</i> | fatmucket | - | INV | G5 | S3 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Lirceus ouachitaensis</i> | an isopod | - | INV | GNR | S1 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Orconectes menae</i> | a crayfish | - | INV | G3 | S3 |
| <i>Procambarus reimeri</i> | a crayfish | - | INV | G1 | S1 |
| <i>Procambarus tenuis</i> | a crayfish | - | INV | G3 | S2 |
| <i>Pseudactium magazinensis</i> | Ouachita pseudactium | - | INV | GNR | S1 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Rimulincola divalis</i> | a beetle | - | INV | G1 | S1 |
| <i>Stenotrema pilsbryi</i> | Rich Mountain slitmouth | - | INV | G2 | S2 |
| <i>Stenotrema unciferum</i> | Ouachita slitmouth | - | INV | G2 | SNR |
| <i>Stygobromus montanus</i> | mountain cave amphipod | - | INV | G1G2 | S1 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Uniomerus tetralasmus</i> | pondhorn | - | INV | G5 | S2 |
| <i>Villosa arkansasensis</i> | Ouachita creekshell | - | INV | G2 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| <i>Zealeuctra wachita</i> | Ouachita needlefly | - | INV | G2 | S1 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma annulatum</i> | ringed salamander | - | INV | G4 | S3 |
| <i>Crotalus atrox</i> | western diamondback rattlesnake | - | INV | G5 | S2 |
| <i>Crotaphytus collaris</i> | eastern collared lizard | - | INV | G5 | S3 |
| <i>Dendroica cerulea</i> | Cerulean Warbler | - | INV | G4 | S4B |
| <i>Dendroica virens</i> | Black-throated Green Warbler | - | INV | G5 | S2B,S5N |
| <i>Etheostoma pallidiorsum</i> | paleback darter | - | INV | G2 | S2 |
| <i>Eumeces obtusirostris</i> | southern prairie skink | - | INV | G5 | S2 |
| <i>Eurycea quadridigitata</i> | dwarf salamander | - | INV | G5 | S3 |
| <i>Hemidactylum scutatum</i> | four-toed salamander | - | INV | G5 | S3 |
| <i>Lampropeltis triangulum amaura</i> | Louisiana milk snake | - | INV | G5T4 | S3 |
| <i>Lythrurus snelsoni</i> | Ouachita shiner | - | INV | G3 | SNR |
| <i>Notropis ortenburgeri</i> | Kiamichi shiner | - | INV | G3 | S2 |
| <i>Notropis perpallidus</i> | peppered shiner | - | INV | G3 | S2 |
| <i>Noturus taylori</i> | Caddo madtom | - | INV | G1 | S1? |

Polk County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|-----------------------------|----------------|--------------|-------------|------------|
| <i>Pantherophis emoryi</i> | Great Plains rat snake | - | INV | G5 | S3 |
| <i>Percina pantherina</i> | leopard darter | LT | INV | G1 | S1 |
| <i>Percina sp. nov.</i> | Ouachita darter | - | INV | G2? | SNR |
| <i>Picoides borealis</i> | Red-cockaded Woodpecker | LE | INV | G3 | S2 |
| <i>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 | G2Q | S1 |
| <i>Plethodon kisatchie</i> | Louisiana slimy salamander | - | INV | G3G4Q | S2 |
| <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 | G5 | S2 |
| <i>Sorex longirostris</i> | southeastern shrew | - | INV | G5 | S2 |
| Plants-Vascular | | | | | |
| <i>Acer saccharum var. leucoderme</i> | chalk maple | - | INV | G5 | S2S3 |
| <i>Amorpha canescens</i> | leadplant | - | INV | G5 | S1 |
| <i>Amorpha ouachitensis</i> | Ouachita indigo bush | - | INV | G3Q | S3 |
| <i>Amsonia hubrichtii</i> | Ouachita bluestar | - | INV | G3 | S3 |
| <i>Astragalus crassicaarpus var. crassicaarpus</i> | a ground plum | - | INV | G5T5 | S2 |
| <i>Calamagrostis porteri ssp. insperata</i> | Porter's reedgrass | - | SE | G4T3 | SH |
| <i>Cardamine angustata</i> | slender toothwort | - | INV | G5 | S2 |
| <i>Cardamine dissecta</i> | forkleaf toothwort | - | INV | G4? | S1 |
| <i>Carex hitchcockiana</i> | Hitchcock's caric sedge | - | INV | G5 | S1S2 |
| <i>Carex laevivaginata</i> | a caric sedge | - | INV | G5 | S2 |
| <i>Carex latebracteata</i> | Waterfall's sedge | - | ST | G3 | S3 |
| <i>Carex normalis</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex pennsylvanica</i> | Pennsylvania caric sedge | - | INV | G5 | S3 |
| <i>Carex scoparia var. scoparia</i> | a caric sedge | - | INV | G5T5 | S1S2 |
| <i>Carex stricta</i> | tussock sedge | - | INV | G5 | S3 |
| <i>Carex timida</i> | a caric sedge | - | INV | G2G3 | S2S3 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Crataegus brachyacantha</i> | blueberry hawthorn | - | INV | G4 | S2 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Delphinium newtonianum</i> | Moore's larkspur | - | INV | G3 | S3 |
| <i>Deschampsia flexuosa</i> | crinkled hairgrass | - | INV | G5 | S2S3 |
| <i>Draba aprica</i> | open-ground whitlow-grass | - | ST | G3 | S2 |
| <i>Dryopteris celsa</i> | log fern | - | INV | G4 | S2 |
| <i>Dryopteris x australis</i> | southern hybrid log fern | - | INV | GNA | S1 |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | - | INV | G3G4 | S3 |
| <i>Elymus churchii</i> | Church's wild rye | - | INV | G2G3 | S2? |
| <i>Euphorbia tetrapora</i> | weak spurge | - | INV | G4 | S1 |
| <i>Galium arkansanum var. pubiflorum</i> | Arkansas bedstraw | - | INV | G5T2Q | S2 |
| <i>Gaylussacia baccata</i> | black huckleberry | - | INV | G5 | S3 |
| <i>Gratiola brevifolia</i> | sticky hedge-hyssop | - | INV | G4 | S3 |
| <i>Hedyotis ouachitana</i> | Ouachita bluets | - | INV | G3 | S3 |
| <i>Hydrophyllum brownei</i> | Browne's waterleaf | - | INV | G2 | S2 |
| <i>Ilex decidua var. longipes</i> | Georgia holly | - | INV | G5 | S3 |
| <i>Iris verna</i> | dwarf iris | - | INV | G5 | S2 |
| <i>Liatris compacta</i> | Ouachita blazing star | - | INV | G5T3 | S3 |

Polk County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|-----------------------------|-----------------------|---------------------|--------------------|-------------------|
| <i>Luzula acuminata</i> var. <i>carolinae</i> | hairy wood rush | - | INV | G5T4T5 | S2 |
| <i>Melanthium woodii</i> | false hellebore | - | INV | G5 | S3 |
| <i>Podostemum ceratophyllum</i> | riverweed | - | INV | G5 | S3 |
| <i>Polymnia cossatotensis</i> | Cossatot leafcup | - | INV | G1 | S1 |
| <i>Ptilimnium nodosum</i> | harperella | LE | INV | G2 | S2 |
| <i>Pycnanthemum virginianum</i> | Virginia mountain mint | - | INV | G5 | S1S2 |
| <i>Quercus acerifolia</i> | maple-leaved oak | - | ST | G1 | S1 |
| <i>Ribes cynosbati</i> | prickly gooseberry | - | INV | G5 | S2S3 |
| <i>Rosa foliolosa</i> | white prairie rose | - | INV | G5 | S2 |
| <i>Sanicula smallii</i> | black snakeroot | - | INV | G5 | S3 |
| <i>Scirpus polyphyllus</i> | leafy bulrush | - | INV | G5 | S2 |
| <i>Solidago ouachitensis</i> | Ouachita Mountain goldenrod | - | INV | G3 | S3 |
| <i>Stachys iltisii</i> | hedgenettle | - | INV | GNR | S3 |
| <i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i> | Arkansas twistflower | - | INV | G3T3 | S3 |
| <i>Streptanthus squamiformis</i> | a twistflower | - | ST | G2 | S2 |
| <i>Tradescantia ozarkana</i> | Ozark spiderwort | - | INV | G3 | S3 |
| <i>Trillium pusillum</i> var. <i>ozarkanum</i> | Ozark least trillium | - | INV | G3T3 | S3 |
| <i>Valerianella nuttallii</i> | Nuttall's cornsalad | - | INV | G2? | S2 |
| <i>Valerianella palmeri</i> | Palmer's cornsalad | - | INV | G3 | S3 |
| <i>Verbesina walteri</i> | rayless crownbeard | - | INV | G4 | S1 |
| <i>Vernonia lettermannii</i> | Letterman's ironweed | - | INV | G3 | S3 |
| <i>Xyris difformis</i> var. <i>difformis</i> | a yellow-eyed grass | - | INV | G5T5 | S2 |

Special Elements-Natural Communities

| | | | | |
|--|---|-----|-----|-----|
| Ouachita Montane Oak Forest | - | INV | GNR | SNR |
| Ouachita Mountain Forested Seep | - | INV | GNR | SNR |
| Ozark-Ouachita Mesic Hardwood Forest | - | INV | GNR | SNR |
| Ozark-Ouachita Shortleaf Pine-Oak Forest | - | INV | GNR | SNR |
| Upland Headwater Stream-Ouachita Mountains | - | INV | GNR | SNR |
| Upland Stream-Ouachita Mountains | - | INV | GNR | SNR |
| Xeric shortleaf pine-oak woodland | - | INV | GNR | S3 |

Special Elements-Other

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

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <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>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Heterosternuta ouachita</i> | Ouachita diving beetle | - | INV | GNR | S2 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Lirceus bicuspidatus</i> | an isopod | - | INV | G3Q | S2 |
| <i>Scaphinotus inflectus</i> | a ground beetle | - | INV | GNR | S1 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Villosa iris</i> | rainbow | - | INV | G5Q | S2S3 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Accipiter striatus</i> | Sharp-shinned Hawk | - | INV | G5 | S1S2B |
| <i>Atractosteus spatula</i> | alligator gar | - | INV | G3G4 | S2? |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Cycleptus elongatus</i> | blue sucker | - | INV | G3G4 | S2 |
| <i>Dendroica cerulea</i> | Cerulean Warbler | - | INV | G4 | S4B |
| <i>Dendroica pensylvanica</i> | Chestnut-sided Warbler | - | INV | G5 | S1B,S5N |
| <i>Dendroica virens</i> | Black-throated Green Warbler | - | INV | G5 | S2B,S5N |
| <i>Erimyzon sucetta</i> | lake chubsucker | - | INV | G5 | S2? |
| <i>Eurycea spelaea</i> | grotto salamander | - | INV | G4 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hybognathus placitus</i> | plains minnow | - | INV | G4 | SX |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Myotis grisescens</i> | gray myotis | LE | INV | G3 | S2S3 |
| <i>Notropis girardi</i> | Arkansas River shiner | LT | INV | G2 | SX |
| <i>Ophisaurus attenuatus attenuatus</i> | western slender glass lizard | - | INV | G5T5 | S3 |
| <i>Pandion haliaetus</i> | Osprey | - | INV | G5 | S1B,S4N |
| <i>Percina nasuta</i> | longnose darter | - | INV | G3 | S2 |
| <i>Phenacobius mirabilis</i> | suckermouth minnow | - | INV | G5 | S1 |
| <i>Plethodon angusticlavius</i> | Ozark zigzag salamander | - | INV | G4 | S3 |
| <i>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| <i>Polyodon spathula</i> | paddlefish | - | INV | G4 | S2? |
| <i>Pseudacris streckeri</i> | Strecker's chorus frog | - | INV | G5 | S2 |
| <i>Rana areolata circulosa</i> | northern crawfish frog | - | INV | G4T4 | S2 |
| <i>Regina septemvittata</i> | queen snake | - | INV | G5 | S2 |
| <i>Spea bombifrons</i> | plains spadefoot | - | INV | G5 | S1 |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| Plants-Vascular | | | | | |
| <i>Carex careyana</i> | Carey's caric sedge | - | INV | G4G5 | S3 |
| <i>Carex stricta</i> | tussock sedge | - | INV | G5 | S3 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Caulophyllum thalictroides</i> | blue cohosh | - | INV | G4G5 | S2 |

Pope County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|---------------------------|----------------|--------------|-------------|------------|
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Delphinium newtonianum</i> | Moore's larkspur | - | INV | G3 | S3 |
| <i>Draba aprica</i> | open-ground whitlow-grass | - | ST | G3 | S2 |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | - | INV | G3G4 | S3 |
| <i>Elymus churchii</i> | Church's wild rye | - | INV | G2G3 | S2? |
| <i>Eriocaulon koernickianum</i> | small-headed pipewort | - | SE | G2 | S2 |
| <i>Euphorbia hexagona</i> | six-angled spurge | - | INV | G5 | S2 |
| <i>Heuchera villosa</i> var. <i>arkansana</i> | Arkansas alumroot | - | INV | G5T3Q | S3 |
| <i>Hydrocotyle americana</i> | marsh pennywort | - | INV | G5 | SH |
| <i>Lilium superbum</i> | turk's-cap lily | - | INV | G5 | S1 |
| <i>Malus coronaria</i> | a crabapple | - | INV | G5 | S2S3 |
| <i>Mimulus floribundus</i> | yellow monkey flower | - | INV | G5 | S2S3 |
| <i>Neviusia alabamensis</i> | Alabama snow wreath | - | ST | G2 | S1S2 |
| <i>Osmunda claytoniana</i> | interrupted fern | - | ST | G5 | S1 |
| <i>Philadelphus hirsutus</i> | mock orange | - | INV | G5 | S2S3 |
| <i>Podostemum ceratophyllum</i> | riverweed | - | INV | G5 | S3 |
| <i>Sanicula smallii</i> | black snakeroot | - | INV | G5 | S3 |
| <i>Selaginella arenicola</i> ssp. <i>riddellii</i> | Riddell's spike-moss | - | INV | G4T4 | S3 |
| <i>Silene ovata</i> | ovate-leaved catchfly | - | ST | G3 | S3 |
| <i>Spiranthes odorata</i> | fragrant ladies'-tresses | - | INV | G5 | S1 |
| <i>Trichomanes petersii</i> | dwarf bristle fern | - | ST | G4G5 | S2 |

Special Elements-Natural Communities

| | | | | |
|---|---|-----|-----|-----|
| Arkansas Valley Prairie and Woodland | - | INV | GNR | SNR |
| Central Interior Highlands & Appalachian Sinkhole & Depression Pond | - | INV | GNR | SNR |
| Central Interior Highlands Dry Acidic Glade and Barrens | - | INV | GNR | SNR |
| Ozark-Ouachita Dry-Mesic Oak Forest | - | INV | GNR | SNR |
| Sandstone glade/outcrop | - | INV | GNR | S4 |
| South-Central Interior Large Floodplain | - | INV | GNR | SNR |
| Upland Stream-Ozark Mountains | - | INV | GNR | SNR |

Special Elements-Other

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

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Gryllotalpa major</i> | prairie mole cricket | - | INV | G3 | S1S2 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Obovaria olivaria</i> | hickorynut | - | INV | G4 | S3 |
| <i>Potamilus capax</i> | fat pocketbook | LE | INV | G1G2 | S1 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Tetraopes quinque maculatus</i> | a red milkweed beetle | - | INV | GNR | S1S2 |
| Animals-Vertebrates | | | | | |
| <i>Acipenser fulvescens</i> | lake sturgeon | - | INV | G3G4 | S1 |
| <i>Ammodramus henslowii</i> | Henslow's Sparrow | - | INV | G4 | S1B,S2N |
| <i>Cistothorus platensis</i> | Sedge Wren | - | INV | G5 | S1B,S4N |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Cycleptus elongatus</i> | blue sucker | - | INV | G3G4 | S2 |
| <i>Deirochelys reticularia miaria</i> | western chicken turtle | - | INV | G5T5 | S3 |
| <i>Empidonax traillii</i> | Willow Flycatcher | - | INV | G5 | S1B,S3N |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Lasiurus seminolus</i> | Seminole bat | - | INV | G5 | S3 |
| <i>Nerodia cyclopion</i> | Mississippi green water snake | - | INV | G5 | S3 |
| <i>Polyodon spathula</i> | paddlefish | - | INV | G4 | S2? |
| <i>Regina grahamii</i> | Graham's crayfish snake | - | INV | G5 | S2 |
| <i>Terrapene ornata ornata</i> | ornate box turtle | - | INV | G5T5 | S2 |
| Plants-Vascular | | | | | |
| <i>Antennaria neglecta</i> | field pussytoes | - | INV | G5 | S1 |
| <i>Asclepias obovata</i> | savannah milkweed | - | INV | G5? | S2 |
| <i>Calopogon oklahomensis</i> | Oklahoma grass-pink | - | INV | G4? | S2 |
| <i>Carex normalis</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex opaca</i> | a caric sedge | - | SE | G5T4 | S2S3 |
| <i>Coelorachis rugosa</i> | wrinkled jointgrass | - | INV | G5 | S2 |
| <i>Crataegus x canescens</i> | Stern's medlar | - | INV | G1 | S1 |
| <i>Dichanthelium dichotomum var. roanokense</i> | forked rosette grass | - | INV | G5T4? | S1 |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | - | INV | G3G4 | S3 |
| <i>Gentiana puberulenta</i> | downy gentian | - | INV | G4G5 | S2 |
| <i>Gymnopogon brevifolius</i> | shortleaf skeletongrass | - | INV | G5 | S2 |
| <i>Hypericum adpressum</i> | Creeping St. John's-wort | - | INV | G3 | S1 |
| <i>Muhlenbergia glabrifloris</i> | inland muhly | - | INV | G4? | S1 |
| <i>Nemastylis geminiflora</i> | celestial lily | - | INV | G4 | S3 |
| <i>Oenothera pilosella ssp. sessilis</i> | prairie evening primrose | - | ST | G5T2 | S2 |
| <i>Prunus pumila var. susquehanae</i> | sand cherry | - | ST | G5T4 | S1 |
| <i>Sabatia campanulata</i> | slender marsh-pink | - | SE | G5 | S1 |
| <i>Solidago juncea</i> | early goldenrod | - | INV | G5 | S1 |

Prairie County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|--------------------------|-----------------------|---------------------|--------------------|-------------------|
| <i>Spiraea tomentosa</i> | hardhack | - | INV | G5 | S2 |
| <i>Spiranthes odorata</i> | fragrant ladies'-tresses | - | INV | G5 | S1 |
| <i>Vernonia lettermannii</i> | Letterman's ironweed | - | INV | G3 | S3 |
| Special Elements-Natural Communities | | | | | |
| Lower Mississippi Alluvial Plain Grand Prairie | | - | INV | GNR | SNR |
| Lower Mississippi River Bottomland Depression | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|---------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Arianops copelandi</i> | Copeland's mold beetle | - | INV | GNR | S1 |
| <i>Dryobius sexnotatus</i> | six-banded longhorn beetle | - | INV | GNR | S2 |
| <i>Lirceus bicuspidatus</i> | an isopod | - | INV | G3Q | S2 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| <i>Somatochlora ozarkensis</i> | Ozark Emerald | - | INV | G3 | S1 |
| <i>Speyeria diana</i> | Diana | - | INV | G3G4 | S2S3 |
| Animals-Vertebrates | | | | | |
| <i>Aimophila ruficeps</i> | Rufous-crowned Sparrow | - | INV | G5 | S1 |
| <i>Ambystoma annulatum</i> | ringed salamander | - | INV | G4 | S3 |
| <i>Ammodramus henslowii</i> | Henslow's Sparrow | - | INV | G4 | S1B,S2N |
| <i>Cemophora coccinea copei</i> | northern scarlet snake | - | INV | G5T5 | S3 |
| <i>Chrysemys picta 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>Nerodia cyclopion</i> | Mississippi green water snake | - | INV | G5 | S3 |
| <i>Ophisaurus attenuatus attenuatus</i> | western slender glass lizard | - | INV | G5T5 | S3 |
| <i>Pantherophis emoryi</i> | Great Plains rat snake | - | INV | G5 | S3 |
| <i>Picoides borealis</i> | Red-cockaded Woodpecker | LE | INV | G3 | S2 |
| <i>Polyodon spathula</i> | paddlefish | - | INV | G4 | S2? |
| <i>Porphyrio martinica</i> | Purple Gallinule | - | INV | G5 | S1B |
| <i>Pseudacris streckeri</i> | Strecker's chorus frog | - | INV | G5 | S2 |
| <i>Rallus elegans</i> | King Rail | - | INV | G4 | S1B,S3N |
| <i>Rana sylvatica</i> | wood frog | - | INV | G5 | S3 |
| <i>Regina rigida sinicola</i> | gulf crayfish snake | - | INV | G5T5 | S3 |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| Plants-Vascular | | | | | |
| <i>Callirhoe bushii</i> | Bush's poppy mallow | - | INV | G3 | S3 |
| <i>Carex arkansana</i> | Arkansas caric sedge | - | INV | G4 | S1 |
| <i>Carex bromoides ssp. bromoides</i> | a caric sedge | - | INV | G5T5 | S2 |
| <i>Carex bullata</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex comosa</i> | a caric sedge | - | INV | G5 | S1S2 |
| <i>Carex davisii</i> | Davis' caric sedge | - | INV | G4 | S3 |
| <i>Carex decomposita</i> | epiphytic caric sedge | - | INV | G3 | S2 |
| <i>Carex stricta</i> | tussock sedge | - | INV | G5 | S3 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Crassula aquatica</i> | water pigmy-weed | - | INV | G5 | S1S3 |
| <i>Cuscuta obtusiflora var. glandulosa</i> | glandular dodder | - | INV | G5T4T5 | SU |
| <i>Cyripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Eriocaulon koernickianum</i> | small-headed pipewort | - | SE | G2 | S2 |
| <i>Eustoma exaltatum ssp. exaltatum</i> | catchfly prairie gentian | - | INV | G5T4T5 | S2 |

Pulaski County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|---------------------------|-----------------------|---------------------|--------------------|-------------------|
| <i>Gratiola brevifolia</i> | sticky hedge-hyssop | - | INV | G4 | S3 |
| <i>Heliotropium convolvulaceum</i> | phlox heliotrope | - | INV | G5 | S2 |
| <i>Hexalectris spicata</i> var. <i>spicata</i> | crested coralroot | - | INV | G5T4T5 | S2 |
| <i>Hieracium scabrum</i> | rough hawkweed | - | INV | G5 | S2 |
| <i>Liatris compacta</i> | Ouachita blazing star | - | INV | G5T3 | S3 |
| <i>Marshallia caespitosa</i> var. <i>signata</i> | Barbara's buttons | - | INV | G4T4 | S1 |
| <i>Nemastylis nuttallii</i> | Nuttall's pleat-leaf | - | INV | G4 | S2 |
| <i>Platanthera cristata</i> | yellow crested-orchid | - | INV | G5 | S1S2 |
| <i>Platanthera flava</i> var. <i>flava</i> | southern tubercled-orchid | - | ST | G4?T4?Q | S2S3 |
| <i>Platanthera peramoena</i> | purple fringeless-orchid | - | ST | G5 | S2 |
| <i>Potamogeton pulcher</i> | spotted pondweed | - | INV | G5 | S3 |
| <i>Prenanthes crepidinea</i> | nodding rattlesnake-root | - | INV | G4 | S1 |
| <i>Ranunculus aquatilis</i> var. <i>diffusus</i> | white water crowfoot | - | INV | G5T5 | S2S3 |
| <i>Ranunculus flabellaris</i> | yellow water crowfoot | - | INV | G5 | S3 |
| <i>Rhynchospora colorata</i> | white top sedge | - | SE | G5 | S1 |
| <i>Sabatia campanulata</i> | slender marsh-pink | - | SE | G5 | S1 |
| <i>Saxifraga virginensis</i> | early saxifrage | - | INV | G5 | S3 |
| <i>Schoenoplectus californicus</i> | California bulrush | - | INV | G5 | S1S2 |
| <i>Spiraea tomentosa</i> | hardhack | - | INV | G5 | S2 |
| <i>Stenanthium gramineum</i> | featherbells | - | INV | G4G5 | S3 |
| <i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i> | Arkansas twistflower | - | INV | G3T3 | S3 |
| <i>Thalictrum arkansanum</i> | Arkansas meadow rue | - | ST | G2Q | S2 |
| <i>Tradescantia longipes</i> | dwarf spiderwort | - | INV | G4 | S2 |
| <i>Tradescantia paludosa</i> | confederate spiderwort | - | INV | G4?Q | S1S2 |
| <i>Trifolium stoloniferum</i> | running buffalo clover | LE | INV | G3 | SH |
| <i>Trillium pusillum</i> var. <i>ozarkanum</i> | Ozark least trillium | - | INV | G3T3 | S3 |
| Special Elements-Natural Communities | | | | | |
| Lower Mississippi River Bottomland Depression | | - | INV | GNR | SNR |
| Ozark-Ouachita Dry Oak Woodland | | - | INV | GNR | SNR |
| West Gulf Coastal Plain Nepheline Syenite Glade | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Colonial nesting site, swallows & swifts | | - | INV | GNR | SNR |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |
| Geological feature | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Bactrurus pseudomucronatus</i> | false sword-tailed cave | - | INV | G2G3 | S1 |
| <i>Caecidotea brevicauda</i> | an isopod | - | INV | GNR | S1 |
| <i>Cyclonaias tuberculata</i> | purple wartyback | - | INV | G5 | S3? |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Epioblasma florentina curtisi</i> | Curtis pearlymussel | LE | INV | G1T1 | S1 |
| <i>Epioblasma triquetra</i> | snuffbox | - | INV | G3 | S1 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Lampsilis siliquoidea</i> | fatmucket | - | INV | G5 | S3 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Obovaria olivaria</i> | hickorynut | - | INV | G4 | S3 |
| <i>Ophiogomphus westfalli</i> | Ozark snaketail dragonfly | - | INV | G3 | S1S2 |
| <i>Orconectes eupunctus</i> | coldwater crayfish | - | INV | G2 | S1 |
| <i>Orconectes marchandi</i> | Mammoth Spring crayfish | - | INV | G2 | S2 |
| <i>Pleurobema cordatum</i> | Ohio pigtoe | - | INV | G4 | S1 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Simpsonaias ambigua</i> | salamander mussel | - | INV | G3 | S1 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Venustaconcha pleasii</i> | bleedingtooth mussel | - | INV | G3G4 | S3 |
| <i>Villosa iris</i> | rainbow | - | INV | G5Q | S2S3 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma tigrinum tigrinum</i> | eastern tiger salamander | - | INV | G5T5 | S3 |
| <i>Ammocrypta clara</i> | western sand darter | - | INV | G3 | S2? |
| <i>Chrysemys picta dorsalis</i> | southern painted turtle | - | INV | G5 | S3 |
| <i>Cistothorus platensis</i> | Sedge Wren | - | INV | G5 | S1B,S4N |
| <i>Cryptobranhus alleganiensis bishopi</i> | Ozark Hellbender | C | INV | G3G4T2Q | S2 |
| <i>Cyprinella spiloptera</i> | spotfin shiner | - | INV | G5 | S1 |
| <i>Erimystax harrisi</i> | Ozark chub | - | INV | G3G4Q | S3S4 |
| <i>Eurycea spelaea</i> | grotto salamander | - | INV | G4 | S3 |
| <i>Hiodon alosoides</i> | goldeye | - | INV | G5 | S2? |
| <i>Lampetra aepyptera</i> | least brook lamprey | - | INV | G5 | S2? |
| <i>Lampetra appendix</i> | American brook lamprey | - | INV | G4 | S2? |
| <i>Moxostoma anisurum</i> | silver redhorse | - | INV | G5 | S1? |
| <i>Moxostoma pisolabrum</i> | pealip redhorse | - | INV | G5 | S2? |
| <i>Notropis atrocaudalis</i> | blackspot shiner | - | INV | G4 | S3 |
| <i>Notropis ozarcanus</i> | Ozark shiner | - | INV | G3 | S2 |
| <i>Notropis sabinae</i> | sabine shiner | - | INV | G4 | S2? |
| <i>Ophisaurus attenuatus attenuatus</i> | western slender glass lizard | - | INV | G5T5 | S3 |

Randolph County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|----------------------------------|------------------------|----------------|--------------|-------------|------------|
| <i>Percina nasuta</i> | longnose darter | - | INV | G3 | S2 |
| <i>Percina uranidea</i> | stargazing darter | - | INV | G3 | S3 |
| <i>Typhlichthys subterraneus</i> | southern cavefish | - | INV | G3G4 | S1 |
| Plants-Vascular | | | | | |
| <i>Carex suberecta</i> | a caric sedge | - | INV | G4 | S2 |
| <i>Leavenworthia uniflora</i> | glade cress | - | INV | G4 | S3 |
| <i>Leitneria floridana</i> | corkwood | - | INV | G3 | S3 |
| <i>Orbexilum onobrychis</i> | french-grass | - | INV | G5 | S1 |
| <i>Phacelia gilioides</i> | hairy scorpionweed | - | INV | G5 | S2S3 |
| <i>Plantago cordata</i> | heartleaf plantain | - | ST | G4 | S2 |
| <i>Pycnanthemum virginianum</i> | Virginia mountain mint | - | INV | G5 | S1S2 |
| <i>Sium suave</i> | water parsnip | - | INV | G5 | S1S3 |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|---------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Lampsilis siliquoidea</i> | fatmucket | - | INV | G5 | S3 |
| <i>Leptodea leptodon</i> | scaleshell | LE | INV | G1G2 | S1 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| <i>Pleurobema cordatum</i> | Ohio pigtoe | - | INV | G4 | S1 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Potamilus alatus</i> | pink heelsplitter | - | INV | G5 | S1 |
| <i>Potamilus capax</i> | fat pocketbook | LE | INV | G1G2 | S1 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| Animals-Vertebrates | | | | | |
| <i>Cemophora coccinea copei</i> | northern scarlet snake | - | INV | G5T5 | S3 |
| <i>Desmognathus conanti</i> | spotted dusky salamander | - | INV | G5 | S1 |
| <i>Etheostoma fusiforme</i> | swamp darter | - | INV | G5 | S2? |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Notropis maculatus</i> | taillight shiner | - | INV | G5 | S3 |
| <i>Scaphirhynchus albus</i> | pallid sturgeon | LE | INV | G2 | S1 |
| Plants-Vascular | | | | | |
| <i>Carex normalis</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex opaca</i> | a caric sedge | - | SE | G5T4 | S2S3 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Juglans cinerea</i> | butternut | - | INV | G4 | S3 |
| <i>Obolaria virginica</i> | Virginia pennywort | - | INV | G5 | S2 |
| <i>Oenothera pilosella ssp. sessilis</i> | prairie evening primrose | - | ST | G5T2 | S2 |
| <i>Platanthera flava var. flava</i> | southern tuberclad-orchid | - | ST | G4?T4?Q | S2S3 |
| <i>Schisandra glabra</i> | climbing magnolia | - | INV | G3 | S2S3 |
| <i>Sida elliptii</i> | a sida | - | INV | G4G5 | S2S3 |
| <i>Spiranthes odorata</i> | fragrant ladies'-tresses | - | INV | G5 | S1 |
| Special Elements-Natural Communities | | | | | |
| Lower Mississippi Alluvial Plain Grand Prairie | | - | INV | GNR | SNR |
| Lower Mississippi River Flatwoods | | - | INV | GNR | SNR |
| Southern Crowley's Ridge Mesic Loess Slope Forest | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-----------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Lampsilis ornata</i> | southern pocketbook | - | INV | G5 | S1 |
| <i>Lampsilis powellii</i> | Arkansas fatmucket | LT | INV | G2 | S2 |
| <i>Lampsilis satura</i> | sandbank pocketbook | - | INV | G2 | S2 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Lirceus bicuspidatus</i> | an isopod | - | INV | G3Q | S2 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Ophiogomphus westfalli</i> | Ozark snaketail dragonfly | - | INV | G3 | S1S2 |
| <i>Pleurobema cordatum</i> | Ohio pigtoe | - | INV | G4 | S1 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Speyeria diana</i> | Diana | - | INV | G3G4 | S2S3 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Uniomerus declivis</i> | tapered pondhorn | - | INV | G5Q | S2 |
| <i>Uniomerus tetralasmus</i> | pondhorn | - | INV | G5 | S2 |
| <i>Venustaconcha pleasii</i> | bleedingtooth mussel | - | INV | G3G4 | S3 |
| <i>Villosa arkansasensis</i> | Ouachita creekshell | - | INV | G2 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Erimyzon sucetta</i> | lake chubsucker | - | INV | G5 | S2? |
| <i>Etheostoma fusiforme</i> | swamp darter | - | INV | G5 | S2? |
| <i>Hemidactylium scutatum</i> | four-toed salamander | - | INV | G5 | S3 |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Lasiurus seminolus</i> | Seminole bat | - | INV | G5 | S3 |
| <i>Notropis ortenburgeri</i> | Kiamichi shiner | - | INV | G3 | S2 |
| <i>Notropis perpallidus</i> | peppered shiner | - | INV | G3 | S2 |
| <i>Noturus lachneri</i> | Ouachita madtom | - | INV | G2 | S2 |
| <i>Pantherophis emoryi</i> | Great Plains rat snake | - | INV | G5 | S3 |
| <i>Picoides borealis</i> | Red-cockaded Woodpecker | LE | INV | G3 | S2 |
| <i>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| <i>Regina grahamii</i> | Graham's crayfish snake | - | INV | G5 | S2 |
| <i>Regina rigida sinicola</i> | gulf crayfish snake | - | INV | G5T5 | S3 |
| <i>Scaphiopus holbrookii</i> | eastern spadefoot | - | INV | G5 | S2 |
| <i>Scaphiopus hurterii</i> | Hurter's spadefoot | - | INV | G5 | S2 |
| Plants-Vascular | | | | | |
| <i>Amorpha ouachitensis</i> | Ouachita indigo bush | - | INV | G3Q | S3 |
| <i>Amsonia hubrichtii</i> | Ouachita bluestar | - | INV | G3 | S3 |
| <i>Anthaenantia texana</i> | Kral's silkscale | - | INV | G3G4 | S3 |
| <i>Calopogon tuberosus var. tuberosus</i> | tuberous grass-pink | - | INV | G5T5 | S1 |
| <i>Camassia angusta</i> | wild hyacinth | - | INV | G5?Q | S2S3 |

Saline County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|---------------------------|----------------|--------------|-------------|------------|
| <i>Cardamine douglassii</i> | purple cress | - | INV | G5 | S1 |
| <i>Carex alata</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex atlantica ssp. atlantica</i> | a caric sedge | - | INV | G5T4 | S2 |
| <i>Carex bullata</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex conjuncta</i> | a caric sedge | - | INV | G4G5 | S1 |
| <i>Carex davisii</i> | Davis' caric sedge | - | INV | G4 | S3 |
| <i>Carex decomposita</i> | epiphytic caric sedge | - | INV | G3 | S2 |
| <i>Carex fissa var. fissa</i> | a caric sedge | - | INV | G4?T3T4 | S1 |
| <i>Carex gigantea</i> | giant caric sedge | - | INV | G4 | S1S2 |
| <i>Carex laevivaginata</i> | a caric sedge | - | INV | G5 | S2 |
| <i>Carex lupuliformis</i> | hop sedge | - | INV | G4 | S1S2 |
| <i>Carex opaca</i> | a caric sedge | - | SE | G5T4 | S2S3 |
| <i>Carex stricta</i> | tussock sedge | - | INV | G5 | S3 |
| <i>Carex willdenowii</i> | Willdenow's caric sedge | - | INV | G5 | S1 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Chamaesyce missurica</i> | Missouri spurge | - | INV | G5 | S2 |
| <i>Chelone glabra</i> | white turtlehead | - | INV | G5 | S1 |
| <i>Cyperus haspan</i> | soft flatsedge | - | INV | G5 | S2 |
| <i>Cyripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Didiplis diandra</i> | water purslane | - | INV | G5 | S1S3 |
| <i>Diphasiastrum digitatum</i> | southern running-pine | - | INV | G5 | S1S2 |
| <i>Draba aprica</i> | open-ground whitlow-grass | - | ST | G3 | S2 |
| <i>Dulichium arundinaceum var. arundinaceum</i> | threeway sedge | - | INV | G5TNR | S2S3 |
| <i>Eleocharis equisetoides</i> | horsetail spike rush | - | INV | G4 | SH |
| <i>Eleocharis flavescens</i> | pale spike rush | - | INV | G5 | S1S2 |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | - | INV | G3G4 | S3 |
| <i>Eriocaulon koernickianum</i> | small-headed pipewort | - | SE | G2 | S2 |
| <i>Festuca versuta</i> | Texas fescue | - | INV | G3 | S1 |
| <i>Fuirena bushii</i> | Bush's umbrella-grass | - | INV | G5 | S3 |
| <i>Gentiana puberulenta</i> | downy gentian | - | INV | G4G5 | S2 |
| <i>Gratiola brevifolia</i> | sticky hedge-hyssop | - | INV | G4 | S3 |
| <i>Gymnopogon brevifolius</i> | shortleaf skeletongrass | - | INV | G5 | S2 |
| <i>Hydrophyllum brownei</i> | Browne's waterleaf | - | INV | G2 | S2 |
| <i>Hypericum adpressum</i> | Creeping St. John's-wort | - | INV | G3 | S1 |
| <i>Ilex verticillata</i> | winterberry holly | - | ST | G5 | S2 |
| <i>Iris verna</i> | dwarf iris | - | INV | G5 | S2 |
| <i>Juncus arcticus var. balticus</i> | Baltic rush | - | INV | G5 | S1S2 |
| <i>Juncus canadensis</i> | Canada rush | - | INV | G5 | S1 |
| <i>Liatris compacta</i> | Ouachita blazing star | - | INV | G5T3 | S3 |
| <i>Lycopodiella prostrata</i> | prostrate bog club-moss | - | INV | G5 | S1 |
| <i>Melanthium woodii</i> | false hellebore | - | INV | G5 | S3 |
| <i>Muhlenbergia glabrifloris</i> | inland muhly | - | INV | G4? | S1 |
| <i>Nemastylis nuttallii</i> | Nuttall's pleat-leaf | - | INV | G4 | S2 |
| <i>Paspalum bifidum</i> | pitchfork paspalum | - | INV | G5 | SH |
| <i>Philadelphus hirsutus</i> | mock orange | - | INV | G5 | S2S3 |
| <i>Photinia melanocarpa</i> | black chokeberry | - | INV | G5 | S1 |
| <i>Platanthera cristata</i> | yellow crested-orchid | - | INV | G5 | S1S2 |
| <i>Platanthera peramoena</i> | purple fringeless-orchid | - | ST | G5 | S2 |
| <i>Platanthera x channellii</i> | Channell's fringed-orchid | - | INV | GNA | S1 |
| <i>Podostemum ceratophyllum</i> | riverweed | - | INV | G5 | S3 |
| <i>Pogonia ophioglossoides</i> | rose pogonia | - | ST | G5 | S2 |
| <i>Potamogeton pulcher</i> | spotted pondweed | - | INV | G5 | S3 |

Saline County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|----------------------------------|----------------|--------------|-------------|------------|
| <i>Prenanthes aspera</i> | rough rattlesnake-root | - | INV | G4? | S1S2 |
| <i>Prenanthes barbata</i> | barbed rattlesnake root | - | INV | G3 | S2 |
| <i>Prenanthes crepidinea</i> | nodding rattlesnake-root | - | INV | G4 | S1 |
| <i>Ptilimnium costatum</i> | mock bishop weed | - | INV | G4 | S1 |
| <i>Rhynchospora gracilentia</i> | slender beakrush | - | INV | G5 | S2 |
| <i>Rhynchospora rariflora</i> | fewflower beakrush | - | ST | G5 | S1S2 |
| <i>Rhynchospora scirpoides</i> | long-beaked beakrush | - | INV | G4 | S1 |
| <i>Sabatia arkansana</i> | Pelton's rose gentian | - | INV | G1 | S1 |
| <i>Sabatia campanulata</i> | slender marsh-pink | - | SE | G5 | S1 |
| <i>Sanicula smallii</i> | black snakeroot | - | INV | G5 | S3 |
| <i>Scirpus polyphyllus</i> | leafy bulrush | - | INV | G5 | S2 |
| <i>Scleria muehlenbergii</i> | Muhlenberg's nutsedge | - | INV | G5 | S1S2 |
| <i>Scleria verticillata</i> | whorled nutsedge | - | ST | G5 | S1 |
| <i>Scutellaria cardiophylla</i> | heartleaf skullcap | - | INV | G4? | S1 |
| <i>Spiraea tomentosa</i> | hardhack | - | INV | G5 | S2 |
| <i>Spiranthes lacera</i> var. <i>lacera</i> | northern slender ladies'-tresses | - | INV | G5T5 | S1 |
| <i>Stachys iltisii</i> | hedgenettle | - | 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. Johnswort | - | INV | G5 | S1 |
| <i>Uvularia perfoliata</i> | perfoliate bellwort | - | INV | G5 | S3 |
| <i>Valerianella nuttallii</i> | Nuttall's cornsalad | - | INV | G2? | S2 |
| <i>Valerianella palmeri</i> | Palmer's cornsalad | - | INV | G3 | S3 |
| <i>Xyris ambigua</i> | a yellow-eyed grass | - | INV | G5 | S2 |
| Special Elements-Natural Communities | | | | | |
| Ozark-Ouachita Shortleaf Pine-Oak Forest | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |
| Geological feature | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-----------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Caecidotea montana</i> | an isopod | - | INV | GNR | S1 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Lampsilis siliquoidea</i> | fatmucket | - | INV | G5 | S3 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Lirceus garmani</i> | an isopod | - | INV | GNR | S1 |
| <i>Nicrophorus americanus</i> | American burying beetle | LE | INV | G2G3 | S1 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Procambarus tenuis</i> | a crayfish | - | INV | G3 | S2 |
| <i>Ptychobranhus 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 | G2 | S2 |
| <i>Villosa arkansasensis</i> | Ouachita creekshell | - | INV | G2 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| <i>Zealeuctra wachita</i> | Ouachita needlefly | - | INV | G2 | S1 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma annulatum</i> | ringed salamander | - | INV | G4 | S3 |
| <i>Crotaphytus collaris</i> | eastern collared lizard | - | INV | G5 | S3 |
| <i>Desmognathus conanti</i> | spotted dusky salamander | - | INV | G5 | S1 |
| <i>Eumeces obsoletus</i> | Great Plains skink | - | INV | G5 | S1 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Notropis ortenburgeri</i> | Kiamichi shiner | - | INV | G3 | S2 |
| <i>Pantherophis emoryi</i> | Great Plains rat snake | - | INV | G5 | S3 |
| <i>Phenacobius mirabilis</i> | suckermouth minnow | - | INV | G5 | S1 |
| <i>Picoides borealis</i> | Red-cockaded Woodpecker | LE | INV | G3 | S2 |
| <i>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 |
| Plants-Vascular | | | | | |
| <i>Amorpha ouachitensis</i> | Ouachita indigo bush | - | INV | G3Q | S3 |
| <i>Amsonia hubrichtii</i> | Ouachita bluestar | - | INV | G3 | S3 |
| <i>Calamovilfa arcuata</i> | Cumberland sandreed | - | INV | G2 | S1 |
| <i>Carex pensylvanica</i> | Pennsylvania caric sedge | - | INV | G5 | S3 |
| <i>Carex stricta</i> | tussock sedge | - | INV | G5 | S3 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Dulichium arundinaceum var. arundinaceum</i> | threeway sedge | - | INV | G5TNR | S2S3 |
| <i>Gratiola brevifolia</i> | sticky hedge-hyssop | - | INV | G4 | S3 |
| <i>Hedyotis ouachitana</i> | Ouachita bluets | - | INV | G3 | S3 |
| <i>Iva angustifolia</i> | slender marsh elder | - | INV | G5? | S1 |
| <i>Liatris compacta</i> | Ouachita blazing star | - | INV | G5T3 | S3 |
| <i>Melanthium woodii</i> | false hellebore | - | INV | G5 | S3 |
| <i>Podostemum ceratophyllum</i> | riverweed | - | INV | G5 | S3 |
| <i>Potamogeton pulcher</i> | spotted pondweed | - | INV | G5 | S3 |

Scott County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|----------------------|----------------|--------------|-------------|------------|
| <i>Ptilimnium nodosum</i> | harperella | LE | INV | G2 | S2 |
| <i>Sanicula smallii</i> | black snakeroot | - | INV | G5 | S3 |
| <i>Stachys iltisii</i> | hedgenettle | - | INV | GNR | S3 |
| <i>Vernonia lettermannii</i> | Letterman's ironweed | - | INV | G3 | S3 |
| <i>Xyris difformis</i> var. <i>difformis</i> | a yellow-eyed grass | - | INV | G5T5 | S2 |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Arrhopalites clarus</i> | a springtail | - | INV | G4 | S1S2 |
| <i>Caecidotea dimorpha</i> | an isopod | - | INV | G2G3 | S2 |
| <i>Cambarus causeyi</i> | a crayfish | - | INV | G2 | S1 |
| <i>Cyclonaias tuberculata</i> | purple wartyback | - | INV | G5 | S3? |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Daedalochila peregrina</i> | white liptooth | - | INV | G2 | SNR |
| <i>Heterosternuta phoebeae</i> | a predaceous diving beetle | - | INV | GNR | S2 |
| <i>Heterosternuta sulphuria</i> | Sulphur Springs diving beetle | - | INV | G1? | S1? |
| <i>Lampsilis siliquoidea</i> | fatmucket | - | INV | G5 | S3 |
| <i>Lampsilis streckeri</i> | speckled pocketbook | LE | INV | G1Q | S1 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Lirceus bicuspidatus</i> | an isopod | - | INV | G3Q | S2 |
| <i>Patera clenchi</i> | Calico Rock oval | - | INV | G1 | SNR |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Venustaconcha pleasii</i> | bleedingtooth mussel | - | INV | G3G4 | S3 |
| <i>Villosa arkansasensis</i> | Ouachita creekshell | - | INV | G2 | S2 |
| <i>Villosa iris</i> | rainbow | - | INV | G5Q | S2S3 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma annulatum</i> | ringed salamander | - | INV | G4 | S3 |
| <i>Corynorhinus townsendii ingens</i> | Ozark big-eared bat | LE | INV | G4T1 | S1 |
| <i>Erimystax harryi</i> | Ozark chub | - | INV | G3G4Q | S3S4 |
| <i>Etheostoma moorei</i> | yellowcheek darter | C | INV | G1 | S1 |
| <i>Eurycea spelaea</i> | grotto salamander | - | INV | G4 | S3 |
| <i>Eurycea tynerensis</i> | Oklahoma salamander | - | INV | G3 | S3 |
| <i>Lampetra appendix</i> | American brook lamprey | - | INV | G4 | S2? |
| <i>Moxostoma pisolabrum</i> | pealip redbhorse | - | INV | G5 | S2? |
| <i>Myotis grisescens</i> | gray myotis | LE | INV | G3 | S2S3 |
| <i>Myotis leibii</i> | eastern small-footed bat | - | INV | G3 | S1 |
| <i>Myotis sodalis</i> | Indiana bat | LE | INV | G2 | S1 |
| <i>Notropis ozarcanus</i> | Ozark shiner | - | INV | G3 | S2 |
| <i>Percina nasuta</i> | longnose darter | - | INV | G3 | S2 |
| <i>Plethodon angusticlavius</i> | Ozark zigzag salamander | - | INV | G4 | S3 |
| <i>Rana sylvatica</i> | wood frog | - | INV | G5 | S3 |
| Plants-Vascular | | | | | |
| <i>Arabis shortii</i> var. <i>shortii</i> | Short's rockcress | - | INV | G5T5 | S1 |
| <i>Asplenium pinnatifidum</i> | lobed spleenwort | - | INV | G4 | S3 |
| <i>Brickellia grandiflora</i> | tassel flower | - | INV | G5 | S2 |
| <i>Carex radiata</i> | a caric sedge | - | INV | G4 | S1 |
| <i>Carex sparganioides</i> | a caric sedge | - | INV | G5 | S3 |

Searcy County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-----------------------|-----------------------|---------------------|--------------------|-------------------|
| <i>Castanea pumila</i> var. <i>ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Caulophyllum thalictroides</i> | blue cohosh | - | INV | G4G5 | S2 |
| <i>Delphinium newtonianum</i> | Moore's larkspur | - | INV | G3 | S3 |
| <i>Delphinium treleasei</i> | Trelease's larkspur | - | INV | G3 | S3 |
| <i>Desmodium illinoense</i> | Illinois tick trefoil | - | INV | G5 | S2 |
| <i>Fothergilla major</i> | witch alder | - | INV | G3 | S1 |
| <i>Heuchera villosa</i> var. <i>arkansana</i> | Arkansas alumroot | - | INV | G5T3Q | S3 |
| <i>Juglans cinerea</i> | butternut | - | INV | G4 | S3 |
| <i>Mimulus floribundus</i> | yellow monkey flower | - | INV | G5 | S2S3 |
| <i>Neviusia alabamensis</i> | Alabama snow wreath | - | ST | G2 | S1S2 |
| <i>Penstemon cobaea</i> | showy beard-tongue | - | INV | G4 | S3 |
| <i>Philadelphus hirsutus</i> | mock orange | - | INV | G5 | S2S3 |
| <i>Phlox amplifolia</i> | largeleaf phlox | - | INV | G3G5 | S1S2 |
| <i>Phlox bifida</i> | sand phlox | - | INV | G5? | S3 |
| <i>Ribes cynosbati</i> | prickly gooseberry | - | INV | G5 | S2S3 |
| <i>Silene regia</i> | royal catchfly | - | ST | G3 | S2 |
| <i>Stylophorum diphyllum</i> | celandine poppy | - | INV | G5 | S3 |
| <i>Tradescantia ozarkana</i> | Ozark spiderwort | - | INV | G3 | S3 |
| <i>Valerianella ozarkana</i> | Ozark cornsalad | - | INV | G3 | S3 |

Special Elements-Natural Communities

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

Special Elements-Other

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

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Cicindela hirticollis</i> | beach-dune tiger beetle | - | INV | G5 | S2S3 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| <i>Nicrophorus americanus</i> | American burying beetle | LE | INV | G2G3 | S1 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma talpoideum</i> | mole salamander | - | INV | G5 | S3 |
| <i>Cemophora coccinea copei</i> | northern scarlet snake | - | INV | G5T5 | S3 |
| <i>Crotaphytus collaris</i> | eastern collared lizard | - | INV | G5 | S3 |
| <i>Eumeces obtusirostris</i> | southern prairie skink | - | INV | G5 | S2 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hiodon alosoides</i> | goldeye | - | INV | G5 | S2? |
| <i>Hybognathus placitus</i> | plains minnow | - | INV | G4 | SX |
| <i>Limnothlypis swainsonii</i> | Swainson's Warbler | - | INV | G4 | S3B |
| <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>Polyodon spathula</i> | paddlefish | - | INV | G4 | S2? |
| <i>Pseudacris streckeri</i> | Strecker's chorus frog | - | INV | G5 | S2 |
| <i>Rana areolata circulosa</i> | northern crawfish frog | - | INV | G4T4 | S2 |
| <i>Rana sylvatica</i> | wood frog | - | INV | G5 | S3 |
| <i>Regina rigida sinicola</i> | gulf crayfish snake | - | INV | G5T5 | S3 |
| <i>Reithrodontomys humulis</i> | eastern harvest mouse | - | INV | G5 | S2 |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| <i>Terrapene ornata ornata</i> | ornate box turtle | - | INV | G5T5 | S2 |
| <i>Thryomanes bewickii</i> | Bewick's Wren | - | INV | G5 | S2B,S3N |
| <i>Tyrannus verticalis</i> | Western Kingbird | - | INV | G5 | S1B,S1N |
| Plants-Vascular | | | | | |
| <i>Androsace occidentalis</i> | rock jasmine | - | INV | G5 | S1 |
| <i>Calopogon oklahomensis</i> | Oklahoma grass-pink | - | INV | G4? | S2 |
| <i>Camassia angusta</i> | wild hyacinth | - | INV | G5?Q | S2S3 |
| <i>Carex gravida</i> | a caric sedge | - | INV | G5 | S2S3 |
| <i>Carex opaca</i> | a caric sedge | - | SE | G5T4 | S2S3 |
| <i>Croton lindheimerianus var.</i> | Lindheimer's croton | - | INV | G5TNR | SH |
| <i>Dalea lanata var. lanata</i> | wooly dalea | - | INV | G5TNR | S2S3 |
| <i>Equisetum laevigatum</i> | smooth scouring rush | - | INV | G5 | S1 |
| <i>Festuca versuta</i> | Texas fescue | - | INV | G3 | S1 |
| <i>Iva angustifolia</i> | slender marsh elder | - | INV | G5? | S1 |
| <i>Liatris compacta</i> | Ouachita blazing star | - | INV | G5T3 | S3 |
| <i>Lithospermum incisum</i> | fringed puccoon | - | INV | G5 | S2S3 |
| <i>Minuartia drummondii</i> | a sandwort | - | INV | G5 | S2S3 |
| <i>Nemastylis nuttallii</i> | Nuttall's pleat-leaf | - | INV | G4 | S2 |
| <i>Quercus acerifolia</i> | maple-leaved oak | - | ST | G1 | S1 |

Sebastian County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|---------------------|-----------------------|---------------------|--------------------|-------------------|
| <i>Rudbeckia maxima</i> | giant coneflower | - | INV | G4? | S3 |
| <i>Valerianella nuttallii</i> | Nuttall's cornsalad | - | INV | G2? | S2 |
| <i>Zephyranthes chlorosolen</i> | rain lily | - | INV | G5 | S1S2 |
| Special Elements-Natural Communities | | | | | |
| Arkansas Valley Prairie and Woodland | | - | INV | GNR | SNR |
| Ozark-Ouachita Dry Oak Woodland | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Arkansia wheeleri</i> | Ouachita rock pocketbook | LE | INV | G1 | S1 |
| <i>Fallicambarus strawni</i> | a crayfish | - | INV | G1G2 | S1 |
| <i>Gomphus ozarkensis</i> | Ozark Clubtail Dragonfly | - | INV | G4 | S1 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Lampsilis satura</i> | sandbank pocketbook | - | INV | G2 | S2 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Leptodea leptodon</i> | scaleshell | LE | INV | G1G2 | S1 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Obovaria olivaria</i> | hickorynut | - | INV | G4 | S3 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Procambarus parasimulans</i> | a crayfish | - | INV | G4 | S2 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Villosa arkansasensis</i> | Ouachita creekshell | - | INV | G2 | S2 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ammocrypta clara</i> | western sand darter | - | INV | G3 | S2? |
| <i>Etheostoma fusiforme</i> | swamp darter | - | INV | G5 | S2? |
| <i>Etheostoma parvipinne</i> | goldstripe darter | - | INV | G4G5 | S2 |
| <i>Eurycea quadridigitata</i> | dwarf salamander | - | INV | G5 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Limnothlypis swainsonii</i> | Swainson's Warbler | - | INV | G4 | S3B |
| <i>Lythrurus snelsoni</i> | Ouachita shiner | - | INV | G3 | SNR |
| <i>Nerodia cyclopiion</i> | Mississippi green water snake | - | INV | G5 | S3 |
| <i>Notropis atrocaudalis</i> | blackspot shiner | - | INV | G4 | S3 |
| <i>Notropis ortenburgeri</i> | Kiamichi shiner | - | INV | G3 | S2 |
| <i>Percina pantherina</i> | leopard darter | LT | INV | G1 | S1 |
| <i>Percina phoxocephala</i> | slenderhead darter | - | INV | G5 | S2 |
| <i>Phrynosoma cornutum</i> | Texas horned lizard | - | INV | G4G5 | S2 |
| <i>Plethodon sequoyah</i> | Sequoyah slimy salamander | - | INV | G2Q | S1 |
| <i>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| <i>Pteronotropis hubbsi</i> | bluehead shiner | - | INV | G3 | S3 |
| Plants-Vascular | | | | | |
| <i>Astragalus crassicaarpus var. crassicaarpus</i> | a ground plum | - | INV | G5T5 | S2 |
| <i>Carex latebracteata</i> | Waterfall's sedge | - | ST | G3 | S3 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Diaperia prolifera</i> | rabbit tobacco | - | INV | G5 | S1S3 |
| <i>Engelmannia peristenia</i> | Engelmann's daisy | - | INV | G5 | S1 |
| <i>Gratiola brevifolia</i> | sticky hedge-hyssop | - | INV | G4 | S3 |
| <i>Hydrophyllum brownei</i> | Browne's waterleaf | - | INV | G2 | S2 |

Sevier County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|---------------------------|----------------|--------------|-------------|------------|
| <i>Lindheimeria texana</i> | Texas yellow star | - | INV | G5 | SH |
| <i>Lithospermum tuberosum</i> | a pucoon | - | INV | G4 | S2 |
| <i>Penstemon cobaea</i> | showy beard-tongue | - | INV | G4 | S3 |
| <i>Platanthera flava</i> var. <i>flava</i> | southern tuberclad-orchid | - | ST | G4?T4?Q | S2S3 |
| <i>Quercus sinuata</i> | Durand's white oak | - | ST | G4G5 | S2 |
| <i>Ranunculus flabellaris</i> | yellow water crowfoot | - | INV | G5 | S3 |
| <i>Sanicula smallii</i> | black snakeroot | - | INV | G5 | S3 |
| <i>Spiranthes odorata</i> | fragrant ladies'-tresses | - | INV | G5 | S1 |
| <i>Streptanthus squamiformis</i> | a twistflower | - | ST | G2 | S2 |
| <i>Vernonia lettermannii</i> | Letterman's ironweed | - | INV | G3 | S3 |

Special Elements-Natural Communities

| | | | | |
|---|---|-----|-----|-----|
| Cypress swamp | - | INV | GNR | S3 |
| Lowland meander scar lake | - | INV | GNR | SNR |
| West Gulf Coastal Plain Northern Calcareous Prairie | - | INV | GNR | SNR |

Special Elements-Other

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

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Bactrurus speleopolis</i> | Cave City cave amphipod | - | INV | G1 | 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 triquetra</i> | snuffbox | - | INV | G3 | S1 |
| <i>Epioblasma turgidula</i> | turgid blossom | LE | INV | GX | SX |
| <i>Gomphus ozarkensis</i> | Ozark Clubtail Dragonfly | - | INV | G4 | S1 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Lampsilis siliquoidea</i> | fatmucket | - | INV | G5 | S3 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Obovaria jacksoniana</i> | southern hickorynut | - | INV | G2 | S2 |
| <i>Obovaria olivaria</i> | hickorynut | - | INV | G4 | S3 |
| <i>Ophiogomphus westfalli</i> | Ozark snaketail dragonfly | - | INV | G3 | S1S2 |
| <i>Orconectes eupunctus</i> | coldwater crayfish | - | INV | G2 | S1 |
| <i>Orconectes marchandi</i> | Mammoth Spring crayfish | - | INV | G2 | S2 |
| <i>Pleurobema cordatum</i> | Ohio pigtoe | - | INV | G4 | S1 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Simpsonaias ambigua</i> | salamander mussel | - | INV | G3 | S1 |
| <i>Venustaconcha pleasii</i> | bleedingtooth mussel | - | INV | G3G4 | S3 |
| <i>Villosa iris</i> | rainbow | - | INV | G5Q | S2S3 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma annulatum</i> | ringed salamander | - | INV | G4 | S3 |
| <i>Ambystoma tigrinum tigrinum</i> | eastern tiger salamander | - | INV | G5T5 | S3 |
| <i>Cemophora coccinea copei</i> | northern scarlet snake | - | INV | G5T5 | S3 |
| <i>Cycleptus elongatus</i> | blue sucker | - | INV | G3G4 | S2 |
| <i>Erimystax harrisi</i> | Ozark chub | - | INV | G3G4Q | S3S4 |
| <i>Etheostoma fragi</i> | Strawberry River darter | - | INV | G4 | S1 |
| <i>Eurycea spelaea</i> | grotto salamander | - | INV | G4 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Lampetra aepyptera</i> | least brook lamprey | - | INV | G5 | S2? |
| <i>Lampetra appendix</i> | American brook lamprey | - | INV | G4 | S2? |
| <i>Myotis grisescens</i> | gray myotis | LE | INV | G3 | S2S3 |
| <i>Notropis ozarcanus</i> | Ozark shiner | - | INV | G3 | S2 |
| <i>Notropis 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 |
|--|--------------------------|----------------|--------------|-------------|------------|
| Plants-Vascular | | | | | |
| <i>Arnoglossum reniforme</i> | great Indian plantain | - | INV | G4 | S2 |
| <i>Carex aggregata</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex conjuncta</i> | a caric sedge | - | INV | G4G5 | S1 |
| <i>Carex davisii</i> | Davis' caric sedge | - | INV | G4 | S3 |
| <i>Carex gravida</i> | a caric sedge | - | INV | G5 | S2S3 |
| <i>Carex interior</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex leptalea</i> var. <i>harperi</i> | threadstem caric sedge | - | INV | G5T4T5 | S2S3 |
| <i>Carex normalis</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex shortiana</i> | Short's caric sedge | - | INV | G5 | S2 |
| <i>Carex sparganioides</i> | a caric sedge | - | INV | G5 | S3 |
| <i>Carex suberecta</i> | a caric sedge | - | INV | G4 | S2 |
| <i>Carex timida</i> | a caric sedge | - | INV | G2G3 | S2S3 |
| <i>Castanea pumila</i> var. <i>ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Diaperia prolifera</i> | rabbit tobacco | - | INV | G5 | S1S3 |
| <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> | floating mannagrass | - | INV | G5 | S1 |
| <i>Juncus subcaudatus</i> | a rush | - | INV | G5 | S1 |
| <i>Leavenworthia uniflora</i> | glade cress | - | INV | G4 | S3 |
| <i>Ludwigia microcarpa</i> | false loosestrife | - | INV | G5 | S1 |
| <i>Lysimachia hybrida</i> | lanceleaf loosestrife | - | INV | G5 | S1 |
| <i>Marshallia caespitosa</i> var. <i>signata</i> | Barbara's buttons | - | INV | G4T4 | S1 |
| <i>Mimulus ringens</i> var. <i>ringens</i> | monkey flower | - | INV | G5T5 | S1S2 |
| <i>Nemastylis geminiflora</i> | celestial lily | - | INV | G4 | S3 |
| <i>Pediomelum esculentum</i> | prairie turnip | - | INV | G5 | S2 |
| <i>Penstemon cobaea</i> | showy beard-tongue | - | INV | G4 | S3 |
| <i>Perideridia americana</i> | American squaw-root | - | INV | G4 | S2 |
| <i>Phlox bifida</i> | sand phlox | - | INV | G5? | S3 |
| <i>Physaria filiformis</i> | Missouri bladderpod | LT | INV | G3 | S1 |
| <i>Plantago cordata</i> | heartleaf plantain | - | ST | G4 | S2 |
| <i>Prenanthes crepidinea</i> | nodding rattlesnake-root | - | INV | G4 | S1 |
| <i>Pycnanthemum virginianum</i> | Virginia mountain mint | - | INV | G5 | S1S2 |
| <i>Rhynchospora capillacea</i> | capillary beakrush | - | INV | G4 | S2 |
| <i>Scleria verticillata</i> | whorled nutsedge | - | ST | G5 | S1 |
| <i>Scutellaria bushii</i> | Bush's skullcap | - | ST | G3 | S2 |
| <i>Sida elliotii</i> | a sida | - | INV | G4G5 | S2S3 |
| <i>Silene regia</i> | royal catchfly | - | ST | G3 | S2 |
| <i>Solidago riddellii</i> | Riddell's goldenrod | - | ST | G5 | S1 |
| <i>Spiranthes lucida</i> | shining ladies'-tresses | - | INV | G5 | S2 |
| <i>Valerianella ozarkana</i> | Ozark cornsalad | - | INV | G3 | S3 |
| Special Elements-Natural Communities | | | | | |
| Central Interior Highlands Calcareous Glade and Barrens | | - | INV | GNR | SNR |
| Ozark-Ouachita Fen | | - | INV | GNR | SNR |
| Spring-Ozark Mountains | | - | INV | GNR | SNR |
| Upland Stream-Ozark Mountains | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|--------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Apochthonius titanicus</i> | a cave obligate pseudoscorpion | - | INV | G1G2 | S1 |
| <i>Arrhopalites clarus</i> | a springtail | - | INV | G4 | S1S2 |
| <i>Caecidotea ancyla</i> | an isopod | - | INV | G3G4 | S2 |
| <i>Caecidotea dimorpha</i> | an isopod | - | INV | G2G3 | S2 |
| <i>Caecidotea stiladactyla</i> | an isopod | - | INV | G3G4 | S3 |
| <i>Cambarus causeyi</i> | a crayfish | - | INV | G2 | S1 |
| <i>Cambarus zophonastes</i> | a crayfish | LE | INV | G1 | S1 |
| <i>Cicindela obsoleta</i> | scrubland tiger beetle | - | INV | G5 | S1S2 |
| <i>Cyclonaias tuberculata</i> | purple wartyback | - | INV | G5 | S3? |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Daedalochila peregrina</i> | white liptooth | - | INV | G2 | SNR |
| <i>Gastrocopta rogersensis</i> | a land snail | - | INV | G3G4 | S2 |
| <i>Lampsilis siliquoidea</i> | fatmucket | - | INV | G5 | S3 |
| <i>Lampsilis streckeri</i> | speckled pocketbook | LE | INV | G1Q | S1 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligidium elrodii</i> | an isopod | - | INV | G4G5 | S2 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Lirceus bicuspidatus</i> | an isopod | - | INV | G3Q | S2 |
| <i>Lirceus ouachitaensis</i> | an isopod | - | INV | GNR | S1 |
| <i>Orconectes neglectus chaenodactylus</i> | ringed crayfish | - | INV | G5T3 | S2 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Ptychobranchus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Rimulincola divalis</i> | a beetle | - | INV | G1 | S1 |
| <i>Stygobromus ozarkensis</i> | Ozark cave amphipod | - | INV | G4 | S1 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Venustaconcha pleasii</i> | bleedingtooth mussel | - | INV | G3G4 | S3 |
| <i>Villosa iris</i> | rainbow | - | INV | G5Q | S2S3 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <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 moorei</i> | yellowcheek darter | C | INV | G1 | S1 |
| <i>Eurycea spelaea</i> | grotto salamander | - | INV | G4 | S3 |
| <i>Eurycea tynerensis</i> | Oklahoma salamander | - | INV | G3 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Lampetra aepyptera</i> | least brook lamprey | - | INV | G5 | S2? |
| <i>Lampetra appendix</i> | American brook lamprey | - | INV | G4 | S2? |
| <i>Limnothlypis swainsonii</i> | Swainson's Warbler | - | INV | G4 | S3B |
| <i>Myotis grisescens</i> | gray myotis | LE | INV | G3 | S2S3 |
| <i>Myotis sodalis</i> | Indiana bat | LE | INV | G2 | S1 |
| <i>Notropis ozarcanus</i> | Ozark shiner | - | INV | G3 | S2 |

Stone County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|----------------------------------|-----------------------------|----------------|--------------|-------------|------------|
| <i>Percina nasuta</i> | longnose darter | - | INV | G3 | S2 |
| <i>Percina phoxocephala</i> | slenderhead darter | - | INV | G5 | S2 |
| <i>Plethodon angusticlavius</i> | Ozark zigzag salamander | - | INV | G4 | S3 |
| <i>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| <i>Rana sylvatica</i> | wood frog | - | INV | G5 | S3 |
| <i>Scaphiopus hurterii</i> | Hurter's spadefoot | - | INV | G5 | S2 |
| <i>Sorex longirostris</i> | southeastern shrew | - | INV | G5 | S2 |
| <i>Taxidea taxus</i> | American badger | - | INV | G5 | S1S2 |
| <i>Typhlichthys subterraneus</i> | southern cavefish | - | INV | G3G4 | S1 |

Plants-Vascular

| | | | | | |
|---|---------------------------|---|-----|--------|------|
| <i>Anemone quinquefolia</i> var. | wood anemone | - | INV | G5T4T5 | S2 |
| <i>Arabis shortii</i> var. <i>shortii</i> | Short's rockcress | - | INV | G5T5 | S1 |
| <i>Arnoglossum reniforme</i> | great Indian plantain | - | INV | G4 | 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 caric sedge | - | INV | G4G5 | S3 |
| <i>Carex hirtifolia</i> | a caric sedge | - | INV | G5 | S3 |
| <i>Carex laevivaginata</i> | a caric sedge | - | INV | G5 | S2 |
| <i>Carex leptalea</i> var. <i>harperi</i> | threadstem caric sedge | - | INV | G5T4T5 | S2S3 |
| <i>Carex sparganioides</i> | a caric sedge | - | INV | G5 | S3 |
| <i>Carex timida</i> | a caric sedge | - | INV | G2G3 | S2S3 |
| <i>Castanea pumila</i> var. <i>ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Caulophyllum thalictroides</i> | blue cohosh | - | INV | G4G5 | S2 |
| <i>Coreopsis grandiflora</i> var. <i>saxicola</i> | large-flowered tickseed | - | INV | G5T4? | S3 |
| <i>Cypripedium reginae</i> | showy lady's-slipper | - | SE | G4 | S1 |
| <i>Delphinium treleasei</i> | Trelease's larkspur | - | INV | G3 | S3 |
| <i>Dennstaedtia punctilobula</i> | hay-scented cup fern | - | INV | G5 | S2 |
| <i>Draba aprica</i> | open-ground whitlow-grass | - | ST | G3 | S2 |
| <i>Dryopteris carthusiana</i> | spinulose wood fern | - | ST | G5 | S1 |
| <i>Echinacea paradoxa</i> var. <i>paradoxa</i> | Bush's yellow coneflower | - | ST | G2T2 | S2 |
| <i>Euonymus obovatus</i> | running strawberry bush | - | INV | G5 | S3 |
| <i>Heuchera villosa</i> var. <i>arkansana</i> | Arkansas alumroot | - | INV | G5T3Q | S3 |
| <i>Hieracium scabrum</i> | rough hawkweed | - | INV | G5 | S2 |
| <i>Juglans cinerea</i> | butternut | - | INV | G4 | S3 |
| <i>Leavenworthia uniflora</i> | glade cress | - | INV | G4 | S3 |
| <i>Lysimachia hybrida</i> | lanceleaf loosestrife | - | INV | G5 | S1 |
| <i>Melanthium latifolium</i> | bunchflower | - | INV | G5 | SH |
| <i>Mimulus floribundus</i> | yellow monkey flower | - | INV | G5 | S2S3 |
| <i>Mitella diphylla</i> | two-leaf bishop's cap | - | INV | G5 | S2 |
| <i>Nemastylis nuttallii</i> | Nuttall's pleat-leaf | - | INV | G4 | S2 |
| <i>Osmorhiza claytonii</i> | Clayton's sweet cicely | - | INV | G5 | S1S3 |
| <i>Osmunda claytoniana</i> | interrupted fern | - | ST | G5 | S1 |
| <i>Penstemon cobaea</i> | showy beard-tongue | - | INV | G4 | S3 |
| <i>Phlox bifida</i> | sand phlox | - | INV | G5? | S3 |
| <i>Plantago cordata</i> | heartleaf plantain | - | ST | G4 | S2 |
| <i>Rhynchospora capillacea</i> | capillary beakrush | - | INV | G4 | S2 |
| <i>Silene ovata</i> | ovate-leaved catchfly | - | ST | G3 | S3 |
| <i>Silene regia</i> | royal catchfly | - | ST | G3 | S2 |
| <i>Spiranthes lucida</i> | shining ladies'-tresses | - | INV | G5 | S2 |

Stone County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------|----------------|--------------|-------------|------------|
| <i>Stenanthium gramineum</i> | featherbells | - | INV | G4G5 | S3 |
| <i>Stylophorum diphyllum</i> | celandine poppy | - | INV | G5 | S3 |
| <i>Trichomanes petersii</i> | dwarf bristle fern | - | ST | G4G5 | S2 |
| <i>Trillium flexipes</i> | white flowered trillium | - | INV | G5 | S1 |
| <i>Valerianella ozarkana</i> | Ozark cornsalad | - | INV | G3 | S3 |
| <i>Waldsteinia fragarioides</i> | barren strawberry | - | INV | G5 | S1 |
| Special Elements-Natural Communities | | | | | |
| Central Interior Highlands Calcareous Glade and Barrens | | - | INV | GNR | SNR |
| Central Interior Highlands Dry Acidic Glade and Barrens | | - | INV | GNR | SNR |
| Ozark-Ouachita Dry-Mesic Oak Forest | | - | INV | GNR | SNR |
| Ozark-Ouachita Fen | | - | INV | GNR | SNR |
| Ozark-Ouachita Mesic Hardwood Forest | | - | INV | GNR | SNR |
| Upland Stream-Ozark Mountains | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |
| Geological feature | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|--------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Cicindela formosa pigmentosignata</i> | big sand tiger beetle | - | INV | G5T5 | S2S3 |
| <i>Fallicambarus petilicarpus</i> | a crayfish | - | INV | G1 | S1 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| Animals-Vertebrates | | | | | |
| <i>Bufo nebulifer</i> | coastal plain toad | - | INV | G5 | S1 |
| <i>Cemophora coccinea copei</i> | northern scarlet snake | - | INV | G5T5 | S3 |
| <i>Coluber constrictor anthicus</i> | buttermilk racer | - | INV | G5T4 | S3 |
| <i>Crystallaria asprella</i> | crystal darter | - | INV | G3 | S2? |
| <i>Dendroica cerulea</i> | Cerulean Warbler | - | INV | G4 | S4B |
| <i>Etheostoma fusiforme</i> | swamp darter | - | INV | G5 | S2? |
| <i>Etheostoma parvipinne</i> | goldstripe darter | - | INV | G4G5 | S2 |
| <i>Eurycea quadridigitata</i> | dwarf salamander | - | INV | G5 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Micrurus tener tener</i> | Texas coral snake | - | INV | G5T5 | S2 |
| <i>Moxostoma pisolabrum</i> | pealip redhorse | - | INV | G5 | S2? |
| <i>Myotis austroriparius</i> | southeastern myotis | - | INV | G3G4 | S3 |
| <i>Notropis maculatus</i> | taillight shiner | - | INV | G5 | S3 |
| <i>Picoides borealis</i> | Red-cockaded Woodpecker | LE | INV | G3 | S2 |
| <i>Polyodon spathula</i> | paddlefish | - | INV | G4 | S2? |
| <i>Pteronotropis hubbsi</i> | bluehead shiner | - | INV | G3 | S3 |
| <i>Regina rigida sinicola</i> | gulf crayfish snake | - | INV | G5T5 | S3 |
| <i>Scaphiopus holbrookii</i> | eastern spadefoot | - | INV | G5 | S2 |
| <i>Scaphiopus hurterii</i> | Hurter's spadefoot | - | INV | G5 | S2 |
| Plants-Vascular | | | | | |
| <i>Alophia drummondii</i> | purple pleat-leaf | - | INV | G4 | S2 |
| <i>Aristida lanosa</i> | woolly threeawn | - | INV | G5 | S2 |
| <i>Asimina parviflora</i> | dwarf pawpaw | - | INV | G5 | S2S3 |
| <i>Astragalus soxmaniorum</i> | Soxman's milkvetch | - | INV | G3 | S2 |
| <i>Bolboschoenus robustus</i> | sturdy bulrush | - | INV | G5 | S1 |
| <i>Bulbostylis ciliatifolia var. coarctata</i> | hairsedge | - | INV | G5T3T5 | S1S2 |
| <i>Carex decomposita</i> | epiphytic caric sedge | - | INV | G3 | S2 |
| <i>Carex glaucescens</i> | a caric sedge | - | INV | G4 | S1 |
| <i>Carex laevivaginata</i> | a caric sedge | - | INV | G5 | S2 |
| <i>Carex leptalea var. harperi</i> | threadstem caric sedge | - | INV | G5T4T5 | S2S3 |
| <i>Cladium jamaicense</i> | sawgrass | - | INV | G5T5 | SH |
| <i>Crataegus brachyacantha</i> | blueberry hawthorn | - | INV | G4 | S2 |
| <i>Cyperus haspan</i> | soft flatsedge | - | INV | G5 | S2 |
| <i>Decumaria barbara</i> | climbing hydrangea | - | INV | G5 | S1 |
| <i>Eleocharis equisetoides</i> | horsetail spike rush | - | INV | G4 | SH |
| <i>Eleocharis flavescens</i> | pale spike rush | - | INV | G5 | S1S2 |
| <i>Eryngium integrifolium</i> | blue-flowered eryngo | - | INV | G5 | S2 |
| <i>Fuirena breviseta</i> | saltmarsh umbrella-grass | - | INV | G5 | S1 |

Union County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|----------------------------------|----------------|--------------|-------------|------------|
| <i>Fuirena bushii</i> | Bush's umbrella-grass | - | INV | G5 | S3 |
| <i>Fuirena scirpoidea</i> | southern umbrella-grass | - | INV | G5 | S1 |
| <i>Gymnopogon brevifolius</i> | shortleaf skeletongrass | - | INV | G5 | S2 |
| <i>Hypericum fasciculatum</i> | peelbark St. John's-wort | - | INV | G5 | S1 |
| <i>Hypericum nudiflorum</i> | early St. Johnswort | - | INV | G5 | S1S2 |
| <i>Ipomoea cordatotriloba</i> var. <i>cordatotriloba</i> | tievine morning glory | - | INV | G5T5 | S1 |
| <i>Juncus canadensis</i> | Canada rush | - | INV | G5 | S1 |
| <i>Krigia occidentalis</i> | western dwarf dandelion | - | INV | G5 | S3 |
| <i>Leersia hexandra</i> | southern cutgrass | - | INV | G5 | S1 |
| <i>Ludwigia brevipes</i> | Long Beach primrose willow | - | INV | G2G3 | S1 |
| <i>Ludwigia microcarpa</i> | false loosestrife | - | INV | G5 | S1 |
| <i>Ludwigia octovalvis</i> | Mexican primrose willow | - | INV | G5 | S1 |
| <i>Ludwigia pilosa</i> | hairy primrose willow | - | INV | G5 | S1 |
| <i>Mitreola sessilifolia</i> | swamp hornpod | - | INV | G4G5 | S2 |
| <i>Platanthera cristata</i> | yellow crested-orchid | - | INV | G5 | S1S2 |
| <i>Platanthera flava</i> var. <i>flava</i> | southern tubercled-orchid | - | ST | G4?T4?Q | S2S3 |
| <i>Polygala nana</i> | bachelor's button | - | INV | G5 | S2S3 |
| <i>Pseudolycopodiella caroliniana</i> | Carolina bog club-moss | - | INV | G5T4 | S1 |
| <i>Quercus arkansana</i> | Arkansas oak | - | INV | G3 | S3 |
| <i>Quercus sinuata</i> | Durand's white oak | - | ST | G4G5 | S2 |
| <i>Rudbeckia maxima</i> | giant coneflower | - | INV | G4? | S3 |
| <i>Schoenoplectus californicus</i> | California bulrush | - | INV | G5 | S1S2 |
| <i>Seymeria cassioides</i> | seymeria | - | INV | G5 | S1 |
| <i>Smilax walteri</i> | redberry greenbrier | - | INV | G5 | S2S3 |
| <i>Solidago patula</i> ssp. <i>strictula</i> | willow goldenrod | - | INV | G5T5 | S1S2 |
| <i>Spiranthes lacera</i> var. <i>lacera</i> | northern slender ladies'-tresses | - | INV | G5T5 | S1 |
| <i>Spiranthes odorata</i> | fragrant ladies'-tresses | - | INV | G5 | S1 |
| <i>Spiranthes praecox</i> | giant ladies'-tresses | - | INV | G5 | S1S2 |
| <i>Stylisma aquatica</i> | water dawnflower | - | INV | G4 | S1S2 |
| <i>Utricularia striata</i> | stripped bladderwort | - | INV | G4G5 | S1 |
| <i>Xyris baldwiniana</i> | a yellow-eyed grass | - | ST | G5 | S1 |
| <i>Xyris difformis</i> var. <i>difformis</i> | a yellow-eyed grass | - | INV | G5T5 | S2 |
| <i>Zephyranthes chlorosolen</i> | rain lily | - | INV | G5 | S1S2 |
| Special Elements-Natural Communities | | | | | |
| Cattail marsh | | - | INV | GNR | S1S2 |
| Lowland oak-hickory forest | | - | INV | GNR | S1 |
| West Gulf Coastal Plain Seepage Swamp and Baygall | | - | INV | GNR | SNR |
| Willow oak forest | | - | INV | GNR | S2 |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Alasmidonta marginata</i> | elktoe | - | INV | G4 | S3 |
| <i>Allocapnia oribata</i> | bowed snowfly | - | INV | G1 | S1 |
| <i>Cicindela hirticollis</i> | beach-dune tiger beetle | - | INV | G5 | S2S3 |
| <i>Cicindela unipunctata</i> | woodland tiger beetle | - | INV | G4G5 | S2 |
| <i>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 | INV | G1Q | S1 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Ptychobranhus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Simpsonaias ambigua</i> | salamander mussel | - | INV | G3 | S1 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Uniomerus tetralasmus</i> | pondhorn | - | INV | G5 | S2 |
| <i>Venustaconcha pleasii</i> | bleedingtooth mussel | - | INV | G3G4 | S3 |
| <i>Villosa iris</i> | rainbow | - | INV | G5Q | S2S3 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma annulatum</i> | ringed salamander | - | INV | G4 | S3 |
| <i>Cyprinella spiloptera</i> | spotfin shiner | - | INV | G5 | S1 |
| <i>Empidonax traillii</i> | Willow Flycatcher | - | INV | G5 | S1B,S3N |
| <i>Erimystax harrisi</i> | Ozark chub | - | INV | G3G4Q | S3S4 |
| <i>Etheostoma moorei</i> | yellowcheek darter | C | INV | G1 | S1 |
| <i>Eurycea tynerensis</i> | Oklahoma salamander | - | INV | G3 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Myotis grisescens</i> | gray myotis | LE | INV | G3 | S2S3 |
| <i>Notropis ozarcanus</i> | Ozark shiner | - | INV | G3 | S2 |
| <i>Ophisaurus attenuatus attenuatus</i> | western slender glass lizard | - | INV | G5T5 | S3 |
| <i>Pantherophis emoryi</i> | Great Plains rat snake | - | INV | G5 | S3 |
| <i>Percina nasuta</i> | longnose darter | - | INV | G3 | S2 |
| <i>Plethodon angusticlavius</i> | Ozark zigzag salamander | - | INV | G4 | S3 |
| <i>Regina septemvittata</i> | queen snake | - | INV | G5 | S2 |
| Plants-Vascular | | | | | |
| <i>Arabis shortii</i> var. <i>shortii</i> | Short's rockcress | - | INV | G5T5 | S1 |
| <i>Asplenium pinnatifidum</i> | lobed spleenwort | - | INV | G4 | S3 |
| <i>Callirhoe bushii</i> | Bush's poppy mallow | - | INV | G3 | S3 |
| <i>Carex careyana</i> | Carey's caric sedge | - | INV | G4G5 | S3 |
| <i>Carex hirtifolia</i> | a caric sedge | - | INV | G5 | S3 |
| <i>Carex sparganioides</i> | a caric sedge | - | INV | G5 | S3 |
| <i>Castanea pumila</i> var. <i>ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |

Van Buren County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|--------------------------|----------------|--------------|-------------|------------|
| <i>Caulophyllum thalictroides</i> | blue cohosh | - | INV | G4G5 | S2 |
| <i>Claytonia ozarkensis</i> | Ozark spring beauty | - | INV | G1G3Q | S2 |
| <i>Cuscuta coryli</i> | hazel dodder | - | INV | G5? | SU |
| <i>Delphinium newtonianum</i> | Moore's larkspur | - | INV | G3 | S3 |
| <i>Diphasiastrum digitatum</i> | southern running-pine | - | INV | G5 | S1S2 |
| <i>Dryopteris x leedsii</i> | Leed's hybrid log fern | - | INV | GNA | S1 |
| <i>Eriocaulon koernickianum</i> | small-headed pipewort | - | SE | G2 | S2 |
| <i>Heuchera villosa</i> var. <i>arkansana</i> | Arkansas alumroot | - | INV | G5T3Q | S3 |
| <i>Nemastylis nuttallii</i> | Nuttall's pleat-leaf | - | INV | G4 | S2 |
| <i>Paronychia virginica</i> | nailwort | - | INV | G4 | S2 |
| <i>Podostemum ceratophyllum</i> | riverweed | - | INV | G5 | S3 |
| <i>Sanicula smallii</i> | black snakeroot | - | INV | G5 | S3 |
| <i>Scleria muehlenbergii</i> | Muhlenberg's nutsedge | - | INV | G5 | S1S2 |
| <i>Silene ovata</i> | ovate-leaved catchfly | - | ST | G3 | S3 |
| <i>Solidago ptarmicoides</i> | white-flowered goldenrod | - | INV | G5 | S1S2 |
| <i>Stylophorum diphyllum</i> | celandine poppy | - | INV | G5 | S3 |
| <i>Symphotrichum sericeum</i> | silky aster | - | INV | G5 | S2 |
| <i>Tradescantia ozarkana</i> | Ozark spiderwort | - | INV | G3 | S3 |
| <i>Valerianella ozarkana</i> | Ozark cornsalad | - | INV | G3 | S3 |
| <i>Viola canadensis</i> var. <i>canadensis</i> | Canada violet | - | INV | G5T5 | S2 |
| Special Elements-Natural Communities | | | | | |
| Upland Stream-Ozark Mountains | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Geological feature | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|------------------------------------|--------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Allocapnia jeanae</i> | a winter stonefly | - | INV | G2 | S1? |
| <i>Allocapnia warreni</i> | a winter stonefly | - | INV | GH | SH |
| <i>Apochthonius diabolus</i> | a cave obligate pseudoscorpion | - | INV | G1G2 | S1 |
| <i>Arrhopalites clarus</i> | a springtail | - | INV | G4 | S1S2 |
| <i>Caecidotea ancyla</i> | an isopod | - | INV | G3G4 | S2 |
| <i>Caecidotea macropropoda</i> | bat cave isopod | - | INV | G2G3 | S2 |
| <i>Caecidotea simulator</i> | a cave obligate isopod | - | INV | G2G3 | S1 |
| <i>Caecidotea stiladactyla</i> | an isopod | - | INV | G3G4 | S3 |
| <i>Cambarus aculabrum</i> | a crayfish | LE | INV | G1 | S1 |
| <i>Cicindela duodecimguttata</i> | twelve-spotted tiger beetle | - | INV | G5 | S3S4 |
| <i>Cicindela lepida</i> | little white tiger beetle | - | INV | G3G4 | S2S3 |
| <i>Cicindela macra</i> | sandy stream tiger beetle | - | INV | G5 | S2S3 |
| <i>Cicindela unipunctata</i> | woodland tiger beetle | - | INV | G4G5 | S2 |
| <i>Crosbyella roeweri</i> | a cave obligate harvestman | - | INV | G1G2 | S1 |
| <i>Dendrocoelopsis americana</i> | a cave obligate planarian | - | INV | G2G3 | S1 |
| <i>Gomphus ozarkensis</i> | Ozark Clubtail Dragonfly | - | INV | G4 | S1 |
| <i>Heterosternuta sulphurica</i> | Sulphur Springs diving beetle | - | INV | G1? | S1? |
| <i>Lampsilis rafinesqueana</i> | Neosho mucket | C | INV | G2 | S1 |
| <i>Lampsilis siliquoidea</i> | fatmucket | - | INV | G5 | S3 |
| <i>Lasmigona costata</i> | flutedshell | - | INV | G5 | S3 |
| <i>Lucanus elephus</i> | giant stag beetle | - | INV | G3G5 | S2 |
| <i>Microcreagris ozarkensis</i> | a pseudoscorpion | - | INV | GNR | S1 |
| <i>Nicrophorus americanus</i> | American burying beetle | LE | INV | G2G3 | S1 |
| <i>Orconectes meeki brevis</i> | a crayfish | - | INV | G4T3 | S1 |
| <i>Orconectes nana</i> | a crayfish | - | INV | G3 | S2 |
| <i>Orconectes williamsi</i> | William's crayfish | - | INV | G3G4 | S1 |
| <i>Paduniella nearctica</i> | nearctic paduniellan caddisfly | - | INV | G1G2 | S1? |
| <i>Pseudosinella dubia</i> | a springtail | - | INV | G1G2 | SNR |
| <i>Pseudozaona occidentalis</i> | a pseudoscorpion | - | INV | G5 | S1 |
| <i>Ptychobranthus occidentalis</i> | Ouachita kidneyshell | - | INV | G3G4 | S3 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Rhadine ozarkensis</i> | a ground beetle | - | INV | GH | SH |
| <i>Rimulincola divalis</i> | a beetle | - | INV | G1 | S1 |
| <i>Speyeria idalia</i> | Regal Fritillary | - | INV | G3 | S1 |
| <i>Stygobromus ozarkensis</i> | Ozark cave amphipod | - | INV | G4 | S1 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Trigenotyla parca</i> | a cave obligate millipede | - | INV | G1G2 | S1 |
| <i>Venustaconcha ellipsiformis</i> | ellipse | - | INV | G4 | S1 |
| <i>Villosa iris</i> | rainbow | - | INV | G5Q | S2S3 |
| <i>Villosa lienosa</i> | little spectaclecase | - | INV | G5 | S3 |
| Animals-Vertebrates | | | | | |
| <i>Amblyopsis rosae</i> | Ozark cavefish | LT | INV | G3 | S1 |
| <i>Ambystoma annulatum</i> | ringed salamander | - | INV | G4 | S3 |
| <i>Ammodramus henslowii</i> | Henslow's Sparrow | - | INV | G4 | S1B,S2N |

Washington County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-------------------------------|----------------|--------------|-------------|------------|
| <i>Cemophora coccinea copei</i> | northern scarlet snake | - | INV | G5T5 | S3 |
| <i>Corynorhinus townsendii ingens</i> | Ozark big-eared bat | LE | INV | G4T1 | S1 |
| <i>Crystallaria asprella</i> | crystal darter | - | INV | G3 | S2? |
| <i>Cyprinella camura</i> | bluntnose shiner | - | INV | G5 | SH |
| <i>Cyprinella spiloptera</i> | spotfin shiner | - | INV | G5 | S1 |
| <i>Etheostoma cragini</i> | Arkansas darter | C | INV | G3G4 | S1 |
| <i>Etheostoma microperca</i> | least darter | - | INV | G5 | S1 |
| <i>Eurycea spelaea</i> | grotto salamander | - | INV | G4 | S3 |
| <i>Eurycea tynnerensis</i> | Oklahoma salamander | - | INV | G3 | S3 |
| <i>Limnothlypis swainsonii</i> | Swainson's Warbler | - | INV | G4 | S3B |
| <i>Myotis grisescens</i> | gray myotis | LE | INV | G3 | S2S3 |
| <i>Myotis sodalis</i> | Indiana bat | LE | INV | G2 | S1 |
| <i>Nerodia cyclopion</i> | Mississippi green water snake | - | INV | G5 | S3 |
| <i>Nocomis asper</i> | redspot chub | - | INV | G4 | S2? |
| <i>Notiosorex crawfordi</i> | Crawford's gray shrew | - | INV | G5 | S2 |
| <i>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>Rana sylvatica</i> | wood frog | - | INV | G5 | S3 |
| <i>Regina grahamii</i> | Graham's crayfish snake | - | INV | G5 | S2 |
| <i>Reithrodontomys montanus</i> | plains harvest mouse | - | INV | G5 | S1 |
| <i>Sorex longirostris</i> | southeastern shrew | - | INV | G5 | S2 |
| <i>Taxidea taxus</i> | American badger | - | INV | G5 | S1S2 |
| <i>Thryomanes bewickii</i> | Bewick's Wren | - | INV | G5 | S2B,S3N |
| Plants-Vascular | | | | | |
| <i>Agalinis auriculata</i> | earleaf false-foxglove | - | INV | G3 | 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>Asclepias incarnata ssp. incarnata</i> | northern swamp milkweed | - | INV | G5T5 | S2 |
| <i>Callirhoe bushii</i> | Bush's poppy mallow | - | INV | G3 | S3 |
| <i>Carex aggregata</i> | a caric sedge | - | INV | G5 | S1 |
| <i>Carex arkansana</i> | Arkansas caric sedge | - | INV | G4 | S1 |
| <i>Carex davisii</i> | Davis' caric sedge | - | INV | G4 | S3 |
| <i>Carex fissa var. fissa</i> | a caric sedge | - | INV | G4?T3T4 | S1 |
| <i>Carex opaca</i> | a caric sedge | - | SE | G5T4 | S2S3 |
| <i>Carex pellita</i> | a caric sedge | - | INV | G5 | SH |
| <i>Carex radiata</i> | a caric sedge | - | INV | G4 | S1 |
| <i>Carex scoparia var. scoparia</i> | a caric sedge | - | INV | G5T5 | S1S2 |
| <i>Carex shortiana</i> | Short's caric sedge | - | INV | G5 | S2 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Claytonia ozarkensis</i> | Ozark spring beauty | - | INV | G1G3Q | S2 |
| <i>Cuscuta coryli</i> | hazel dodder | - | INV | G5? | SU |
| <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> | threeway sedge | - | INV | G5TNR | S2S3 |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | - | INV | G3G4 | S3 |
| <i>Gentiana puberulenta</i> | downy gentian | - | INV | G4G5 | S2 |

Washington County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|--------------------------|----------------|--------------|-------------|------------|
| <i>Helianthus pauciflorus</i> ssp. <i>pauciflorus</i> | prairie sunflower | - | INV | G5T5? | S1 |
| <i>Heuchera villosa</i> var. <i>arkansana</i> | Arkansas alumroot | - | INV | G5T3Q | S3 |
| <i>Hexalectris spicata</i> var. <i>spicata</i> | crested coralroot | - | INV | G5T4T5 | S2 |
| <i>Hieracium scabrum</i> | rough hawkweed | - | INV | G5 | S2 |
| <i>Lithospermum incisum</i> | fringed puccoon | - | INV | G5 | S2S3 |
| <i>Mimulus floribundus</i> | yellow monkey flower | - | INV | G5 | S2S3 |
| <i>Minuartia drummondii</i> | a sandwort | - | INV | G5 | S2S3 |
| <i>Nemastylis nuttallii</i> | Nuttall's pleat-leaf | - | INV | G4 | S2 |
| <i>Perideridia americana</i> | American squaw-root | - | INV | G4 | S2 |
| <i>Phlox amplifolia</i> | largeleaf phlox | - | INV | G3G5 | S1S2 |
| <i>Phlox bifida</i> | sand phlox | - | INV | G5? | S3 |
| <i>Physaria filiformis</i> | Missouri bladderpod | LT | INV | G3 | S1 |
| <i>Prenanthes crepidinea</i> | nodding rattlesnake-root | - | INV | G4 | S1 |
| <i>Rhynchospora macrostachya</i> | a beakrush | - | INV | G4 | S1S2 |
| <i>Sagittaria rigida</i> | stiff arrowhead | - | INV | G5 | SH |
| <i>Silene regia</i> | royal catchfly | - | ST | G3 | S2 |
| <i>Solidago ptarmicoides</i> | white-flowered goldenrod | - | INV | G5 | S1S2 |
| <i>Trillium pusillum</i> var. <i>ozarkanum</i> | Ozark least trillium | - | INV | G3T3 | S3 |
| <i>Valerianella ozarkana</i> | Ozark cornsalad | - | INV | G3 | S3 |
| <i>Viola pedatifida</i> | prairie violet | - | INV | G5 | S2 |
| Special Elements-Natural Communities | | | | | |
| Ozark-Ouachita Dry Oak Woodland | | - | INV | GNR | SNR |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |
| Geological feature | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|---------------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Allocrangonyx hubrichti</i> | Hubricht's long-tailed amphipod | - | INV | G2G3 | S1 |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Obovaria olivaria</i> | hickorynut | - | INV | G4 | S3 |
| <i>Pleurobema cordatum</i> | Ohio pigtoe | - | INV | G4 | S1 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| Animals-Vertebrates | | | | | |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Eudocimus albus</i> | White Ibis | - | INV | G5 | S1B |
| <i>Eurycea tynerensis</i> | Oklahoma salamander | - | INV | G3 | S3 |
| <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>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 | G5 | S2 |
| <i>Rana areolata circulosa</i> | northern crawfish frog | - | INV | G4T4 | S2 |
| <i>Scaphiopus holbrookii</i> | eastern spadefoot | - | INV | G5 | S2 |
| <i>Scaphiopus hurterii</i> | Hurter's spadefoot | - | INV | G5 | S2 |
| Plants-Vascular | | | | | |
| <i>Asclepias incarnata ssp. incarnata</i> | northern swamp milkweed | - | INV | G5T5 | S2 |
| <i>Dennstaedtia punctilobula</i> | hay-scented cup fern | - | INV | G5 | S2 |
| <i>Philadelphus hirsutus</i> | mock orange | - | INV | G5 | S2S3 |
| <i>Platanthera peramoena</i> | purple fringeless-orchid | - | ST | G5 | S2 |
| <i>Stenanthium gramineum</i> | featherbells | - | INV | G4G5 | S3 |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|----------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Cyclonaias tuberculata</i> | purple wartyback | - | INV | G5 | S3? |
| <i>Cyprogenia aberti</i> | western fanshell | - | INV | G2G3Q | S2 |
| <i>Lampsilis abrupta</i> | pink mucket | LE | INV | G2 | S2 |
| <i>Ligumia recta</i> | black sandshell | - | INV | G5 | S2 |
| <i>Obovaria olivaria</i> | hickorynut | - | INV | G4 | S3 |
| <i>Pleurobema cordatum</i> | Ohio pigtoe | - | INV | G4 | S1 |
| <i>Quadrula apiculata</i> | southern mapleleaf | - | INV | G5 | S2 |
| <i>Quadrula cylindrica</i> | rabbitsfoot | - | INV | G3G4 | S2 |
| <i>Quadrula metanevra</i> | monkeyface | - | INV | G4 | S3S4 |
| <i>Toxolasma lividus</i> | purple lilliput | - | INV | G2 | S2 |
| <i>Villosa iris</i> | rainbow | - | INV | G5Q | S2S3 |
| Animals-Vertebrates | | | | | |
| <i>Ambystoma talpoideum</i> | mole salamander | - | INV | G5 | S3 |
| <i>Chrysemys picta dorsalis</i> | southern painted turtle | - | INV | G5 | S3 |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | - | INV | G3G4 | S3 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Mustela frenata primulina</i> | long-tailed weasel | - | INV | G5T4 | S3 |
| <i>Myotis austroriparius</i> | southeastern myotis | - | INV | G3G4 | S3 |
| <i>Polyodon spathula</i> | paddlefish | - | INV | G4 | S2? |
| <i>Porphyrio martinica</i> | Purple Gallinule | - | INV | G5 | S1B |
| <i>Regina grahamii</i> | Graham's crayfish snake | - | INV | G5 | S2 |
| Plants-Vascular | | | | | |
| <i>Leitneria floridana</i> | corkwood | - | INV | G3 | S3 |
| <i>Lindera melissifolia</i> | pondberry | LE | SE | G2G3 | S2 |
| <i>Platanthera flava</i> var. <i>flava</i> | southern tubercled-orchid | - | ST | G4?T4?Q | S2S3 |
| Special Elements-Natural Communities | | | | | |
| Lower Mississippi River Bottomland Depression | | - | INV | GNR | SNR |
| Willow oak forest | | - | INV | GNR | S2 |

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

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|---|-----------------------------|----------------|--------------|-------------|------------|
| Animals-Invertebrates | | | | | |
| <i>Cicindela hirticollis</i> | beach-dune tiger beetle | - | INV | G5 | S2S3 |
| <i>Cicindela lepida</i> | little white tiger beetle | - | INV | G3G4 | S2S3 |
| <i>Lirceus bicuspidatus</i> | an isopod | - | INV | G3Q | S2 |
| <i>Patera clenchi</i> | Calico Rock oval | - | INV | G1 | SNR |
| <i>Pleurobema rubrum</i> | pyramid pigtoe | - | INV | G2G3 | S2 |
| <i>Procambarus parasimulans</i> | a crayfish | - | INV | G4 | S2 |
| <i>Rimulincola divalis</i> | a beetle | - | INV | G1 | S1 |
| <i>Speyeria diana</i> | Diana | - | INV | G3G4 | S2S3 |
| Animals-Vertebrates | | | | | |
| <i>Aimophila ruficeps</i> | Rufous-crowned Sparrow | - | INV | G5 | S1 |
| <i>Atractosteus spatula</i> | alligator gar | - | INV | G3G4 | S2? |
| <i>Cycleptus elongatus</i> | blue sucker | - | INV | G3G4 | S2 |
| <i>Desmognathus conanti</i> | spotted dusky salamander | - | INV | G5 | S1 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | - | INV | G5 | S2B,S4N |
| <i>Hiodon alosoides</i> | goldeye | - | INV | G5 | S2? |
| <i>Hybognathus placitus</i> | plains minnow | - | INV | G4 | SX |
| <i>Hyla avivoca</i> | bird-voiced treefrog | - | INV | G5 | S3 |
| <i>Myotis leibii</i> | eastern small-footed bat | - | INV | G3 | S1 |
| <i>Notropis girardi</i> | Arkansas River shiner | LT | INV | G2 | SX |
| <i>Notropis ortenburgeri</i> | Kiamichi shiner | - | INV | G3 | S2 |
| <i>Percina phoxocephala</i> | slenderhead darter | - | INV | G5 | S2 |
| <i>Plethodon serratus</i> | southern redback salamander | - | INV | G5 | S3 |
| <i>Polyodon spathula</i> | paddlefish | - | INV | G4 | S2? |
| <i>Pseudacris streckeri</i> | Strecker's chorus frog | - | INV | G5 | S2 |
| <i>Rana areolata circulosa</i> | northern crawfish frog | - | INV | G4T4 | S2 |
| <i>Scaphiopus holbrookii</i> | eastern spadefoot | - | INV | G5 | S2 |
| <i>Scaphiopus hurterii</i> | Hurter's spadefoot | - | INV | G5 | S2 |
| <i>Sterna antillarum athalassos</i> | Interior Least Tern | LE | INV | G4T2Q | S2B |
| Plants-Vascular | | | | | |
| <i>Amsonia hubrichtii</i> | Ouachita bluestar | - | INV | G3 | S3 |
| <i>Carex gigantea</i> | giant caric sedge | - | INV | G4 | S1S2 |
| <i>Carex latebracteata</i> | Waterfall's sedge | - | ST | G3 | S3 |
| <i>Castanea pumila var. ozarkensis</i> | Ozark chinquapin | - | INV | G5T3 | S3S4 |
| <i>Cypripedium kentuckiense</i> | Kentucky lady's-slipper | - | INV | G3 | S3 |
| <i>Didiplis diandra</i> | water purslane | - | INV | G5 | S1S3 |
| <i>Dryopteris carthusiana</i> | spinulose wood fern | - | ST | G5 | S1 |
| <i>Dulichium arundinaceum var. arundinaceum</i> | threeway sedge | - | INV | G5TNR | S2S3 |
| <i>Eleocharis wolfii</i> | Wolf's spike rush | - | INV | G3G4 | S3 |
| <i>Festuca versuta</i> | Texas fescue | - | INV | G3 | S1 |
| <i>Gaylussacia baccata</i> | black huckleberry | - | INV | G5 | S3 |
| <i>Gratiola brevifolia</i> | sticky hedge-hyssop | - | INV | G4 | S3 |
| <i>Hedyotis ouachitana</i> | Ouachita bluets | - | INV | G3 | S3 |
| <i>Heliotropium convolvulaceum</i> | phlox heliotrope | - | INV | G5 | S2 |
| <i>Hydrophyllum brownei</i> | Browne's waterleaf | - | INV | G2 | S2 |

Yell County (cont.)

| Scientific Name | Common Name | Federal Status | State Status | Global Rank | State Rank |
|--|-----------------------------|----------------|--------------|-------------|------------|
| <i>Liatris compacta</i> | Ouachita blazing star | - | INV | G5T3 | S3 |
| <i>Liatris scariosa</i> var. <i>nieuwlandii</i> | northern gayfeather | - | INV | G5?T3T5 | SH |
| <i>Malus coronaria</i> | a crabapple | - | INV | G5 | S2S3 |
| <i>Potamogeton pulcher</i> | spotted pondweed | - | INV | G5 | S3 |
| <i>Ptilimnium nodosum</i> | harperella | LE | INV | G2 | S2 |
| <i>Sanicula smallii</i> | black snakeroot | - | INV | G5 | S3 |
| <i>Solidago ouachitensis</i> | Ouachita Mountain goldenrod | - | INV | G3 | S3 |
| <i>Stenanthium gramineum</i> | featherbells | - | INV | G4G5 | S3 |
| <i>Streptanthus maculatus</i> ssp. <i>obtusifolius</i> | Arkansas twistflower | - | INV | G3T3 | S3 |
| <i>Tradescantia longipes</i> | dwarf spiderwort | - | INV | G4 | S2 |
| <i>Xyris difformis</i> var. <i>difformis</i> | a yellow-eyed grass | - | INV | G5T5 | S2 |
| Special Elements-Other | | | | | |
| Colonial nesting site, water birds | | - | INV | GNR | SNR |
| Geological feature | | - | INV | GNR | SNR |