

System of Natural Areas

Arkansas Code Annotated §15-20-303 establishes a state System of Natural Areas and directs the ANHC to "...choose lands, waters, and interests therein to be acquired ... for inclusion in the natural area system."

The commission acquires lands for the System representing some of the best and last remaining features of the mosaic of Arkansas's natural landscape. Most additions secure habitat for rare species or offer a chance for restoration measures. Some tracts may buffer and protect natural areas from surrounding land use practices that could



Devil's Knob-Devil's Backbone Natural Area

ultimately impact the survival and/or quality of protected ecosystems.

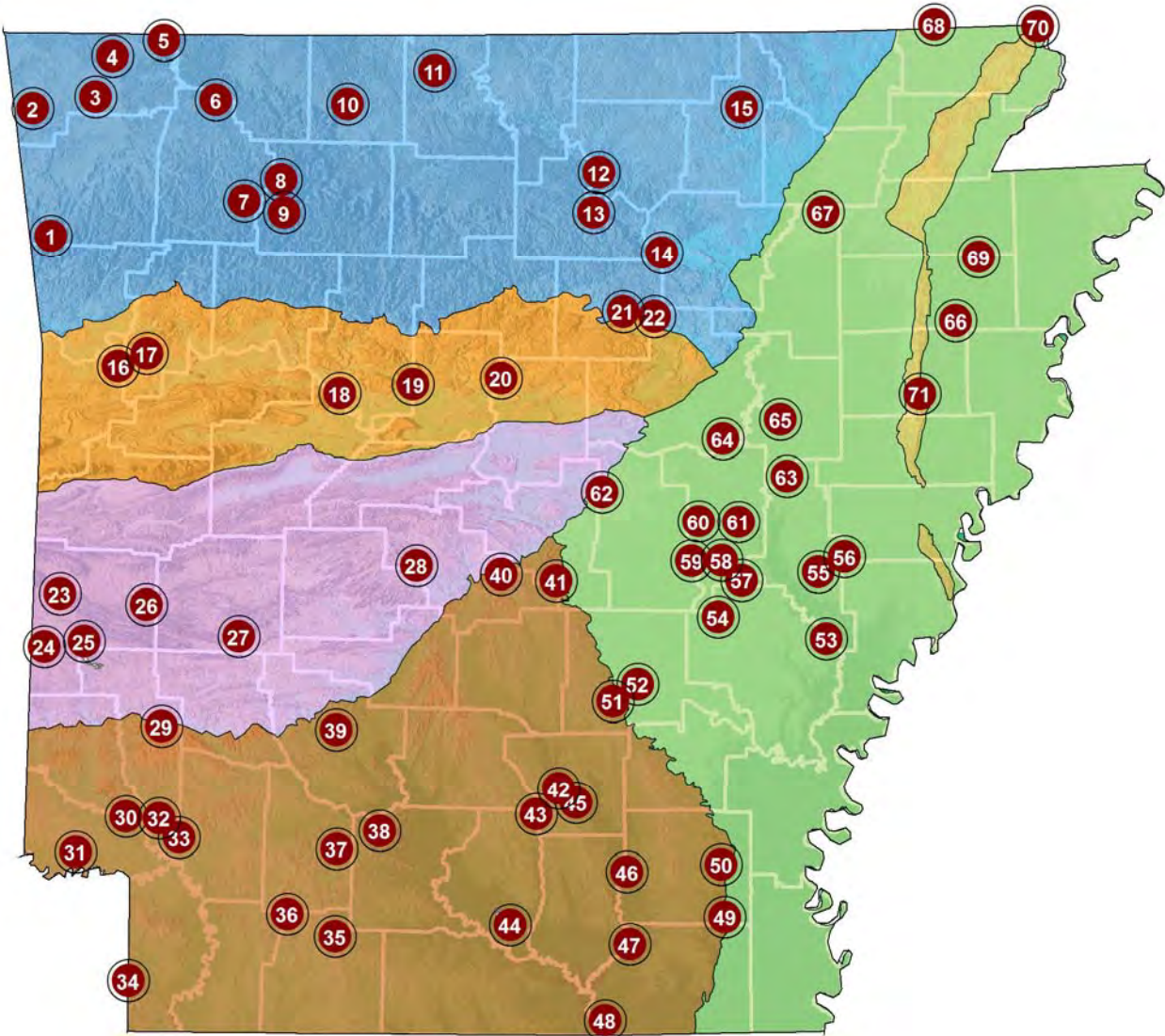
Working with partners broadens the scope of conservation and maximizes land acquisition dollars. The stewardship staff works to maintain functioning ecosystems and enhance the natural values of each site. Natural areas encompass a wide range of environments and generally exist as islands within otherwise altered settings. Stewardship actions are guided by the conservation vision stipulated in a management plan for each natural area.

The following pages describe the status and condition of each portion of the System of Natural Areas. Entries for individual natural areas include county location, size, driving directions, site description, acquisition history, status, and details regarding stewardship activities conducted at the site over the reporting year.


The System of Natural Areas section can be cross-referenced in two ways: numerically by location on the state map (Page 18 of this report) or alphabetically by name (Page 20 of this report).

Natural areas are managed for varying levels of public usage, and accessibility varies widely. Printed boundary maps and county locator maps of each natural area are available free of charge. Maps can also be downloaded directly from the ANHC website: at www.naturalheritage.com.

Map of the System of Natural Areas



Arkansas has six main natural divisions (ecoregions) as shown on the map above. Each division or region has its own distinctive components related to geology, climate, plants, animals, soils, and people.

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

The natural areas indicated by dots on the map are arranged and numbered by natural division.

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

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14	Foushee Cave Natural Area	1-32
15	Rock Creek Natural Area	1-68
16	Cherokee Prairie Natural Area	1-13
17	H. E. Flanagan Prairie Natural Area	1-36
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21	Cow Shoals Riverfront Forest Natural Area	1-22
22	Big Creek Natural Area	1-7
23	Iron Mountain Natural Area	1-42
24	Fernwood Seep Natural Area	1-31
25	Cossatot River State Park-Natural Area	1-18
26	Big Fork Creek Natural Area	1-8
27	Gap Creek Natural Area	1-33
28	Middle Fork Barrens Natural Area	1-52
29	Stone Road Glade Natural Area	1-80
30	White Cliffs Natural Area	1-89
31	Palmetto Flats Natural Area	1-60
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33	Nacatoch Ravines Natural Area	1-59
34	Miller County Sandhills Natural Area	1-53
35	Logoly Natural Area	1-47
36	Falcon Bottoms Natural Area	1-29
37	Arkansas Oak Natural Area	1-1
38	Poison Springs State Forest Sand Barren & Oak- Pine Forest Preserve	1-64
39	Terre Noire Natural Area	1-85
40	Mills Park Natural Area	1-55
41	Lorance Creek Natural Area	1-50
42	Kingsland Prairie Natural Area	1-44
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44	Moro Big Pine Natural Area-Wildlife Management Area	1-56
45	Hall Creek Barrens Natural Area	1-38
46	Warren Prairie Natural Area	1-87
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55	Pine City Natural Area	1-61
56	Louisiana Purchase Natural Area	1-51
57	Konecny Prairie Natural Area	1-46
58	Konecny Grove Natural Area	1-45
59	Smoke Hole Natural Area	1-77
60	Railroad Prairie Natural Area	1-66
61	Downs Prairie Natural Area	1-28
62	Holland Bottoms Willow Oak Forest Preserve.	1-40
63	Benson Creek Natural Area	1-6
64	Holloway Memorial Natural Area	1-41
65	Cache River Natural Area	1-10
66	Singer Forest Natural Area	1-74
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8	Sweden Creek Falls Natural Area	1-82
67	Swifton Sand Ponds Natural Area	1-83
52	Taylor Woodlands Natural Area	1-84
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30	White Cliffs Natural Area	1-89
71	Wittsburg Natural Area	1-91

Arkansas Oak Natural Area

County Name: Nevada

Size (in acres): 200.27

Latitude: 33.65808

Longitude: -93.17229

Description:

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

Access:

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

Stewardship Activities:

A contractor executed a prescribed burn on 113 acres.

Date of Last Visit: 5/5/2016

Status:

A prescribed fire improved woodland structure and species composition. More work is needed to reach the desired woodland structure.

Elements of Special Concern:

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

Acquisition Summary:

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

Baker Prairie Natural Area

County Name: Boone

Size (in acres): 30.315

Latitude: 36.24166

Longitude: -93.13479

Description:

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

Access:

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

Stewardship Activities:

As part of the Open Oak Woodland and Glade Management Workshop, ANHC staff assisted with a walking tour highlighting restoration efforts at the natural area. Contractors maintained the walking trail, performed invasive plant control, and executed a prescribed burn on 15 acres.

Date of Last Visit: 6/3/2016

Status:

Erosion from runoff continues to be addressed with preventative measures. A prescribed fire reduced woody encroachment in the western burn unit. Chemical and mechanical methods were used to reduce invasive plant species.

Elements of Special Concern:

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

Acquisition Summary:

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

Bear Hollow Natural Area

County Name: Madison

Size (in acres): 397.10

Latitude: 36.25392

Longitude: -93.70932

Description:

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

Access:

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

Stewardship Activities:

ANHC staff attended the Ozark Natural Science Center board of directors meetings, assessed current condition of glades, and discussed future possible restoration efforts with conservation partners.

Date of Last Visit: 6/21/2016

Status:

Approximately 3,290 students participated in programming at the Ozark Natural Science Center. Cedar encroachment on the glades is degrading habitat.

Elements of Special Concern:

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

Acquisition Summary:

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

Benson Creek Natural Area

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

Description:

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

Access:

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

Stewardship Activities:

ANHC staff removed litter from the area, conducted routine grounds maintenance, and continued planning on a wetland reserve enhancement project.

Date of Last Visit: 6/13/2016

Status:

Hydrological assessments have noted needed restoration.

Elements of Special Concern:

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

Acquisition Summary:

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

Big Creek Natural Area

County Name: Cleburne

Size (in acres): 1,507.676

Latitude: 35.5018

Longitude: -91.83698

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted a general plant inventory, rare plant monitoring, re-installation of interpretive panels, water quality monitoring, trail maintenance, and fish sampling (with ANHC commissioners). Contractors conducted timber removal for ecosystem improvement and installed a culvert on the access road.

Date of Last Visit: 6/21/2016

Status:

Inventory work added species to the plant list, including one new documented tracked plant. Woodland restoration improved habitat composition and structure. An aquatic species list was compiled; monitoring found no changes to the overall water quality.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
Central Interior Highlands & Appalachian Sinkhole & Depressional Pond		Natural Community
<i>Deschampsia flexuosa</i>	wavy hair grass	Plant
<i>Dulichium arundinaceum var. arundinaceum</i>	three-way sedge	Plant
<i>Fusconaia ozarkensis</i>	Ozark Pigtoe	Animal
<i>Gratiola brevifolia</i>	sticky hedge-hyssop	Plant
<i>Lampsilis streckeri</i>	Speckled Pocketbook	Animal
<i>Mimulus floribundus</i>	yellow monkey-flower	Plant
<i>Philadelphus hirsutus</i>	hairy mock orange	Plant
<i>Ptychobranthus occidentalis</i>	Ouachita Kidneyshell	Animal
<i>Silene ovata</i>	ovate-leaf catchfly	Plant
<i>Toxolasma lividum</i>	Purple Lilliput	Animal
<i>Villosa iris</i>	Rainbow	Animal

Acquisition Summary:

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

Big Fork Creek Natural Area

County Name: Polk

Size (in acres): 13.58

Latitude: 34.49781

Longitude: -93.97282

Description:

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

Access:

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

Stewardship Activities:

ANHC staff removed litter from the area and conducted routine grounds maintenance.

Date of Last Visit: 6/10/2016

Status:

The area continues to be heavily used by the public for recreation purposes. Field assessments noted no new problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Byrd Lake Natural Area

County Name: Jefferson

Size (in acres): 144

Latitude: 34.17993

Longitude: -91.9995

Description:

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

Access:

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

Stewardship Activities:

ANHC staff installed a new entrance sign, new interpretive panels, new parking area fencing, conducted invasive plant control, maintained the walking trail, and conducted other routine grounds maintenance. A contractor completed work on a trail and parking lot renovation project. Several volunteer events were held to help remove litter and maintain the aesthetics of the natural area.

Date of Last Visit: 6/22/2016

Status:

Renovation work was completed on the parking lot and trail. Chemical and mechanical methods reduced invasive plant species. Volunteer efforts reduced trash on the natural area. Two new tracked plants were documented.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex arkansana</i>	Arkansas sedge	Plant
<i>Carex decomposita</i>	cypress-knee sedge	Plant
<i>Pteronotropis hubbsi</i>	bluehead shiner	Animal
<i>Sphenopholis longiflora</i>	Texas wedgescale	Plant
<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>
Byrd Lake 1	Fee title	\$239,000.00	\$239,000.00	8/1/1978	State General Improvement Fund, Land and Water Conservation Fund

Cache River Natural Area

County Name: Woodruff

Size (in acres): 937.43

Latitude: 35.15188

Longitude: -91.28856

Description:

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

Access:

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

Stewardship Activities:

ANHC and Arkansas Game and Fish Commission staff conducted routine management activities including trash removal.

Date of Last Visit: 6/13/2016

Status:

Field assessments noted no new problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Cave Springs Cave Natural Area

County Name: Benton

Size (in acres): 57.265

Latitude: 36.26262

Longitude: -94.22622

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted two public tours, routine grounds maintenance, and installed a new entrance sign. Volunteers assisted with installation of the entrance sign and grounds maintenance around the cave entrance.

Date of Last Visit: 5/3/2016

Status:

Impacts of residential development to local karst habitat continues to be a concern. Baseline water quality monitoring was established.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Caecidotea stiladactyla</i>	an isopod	Animal
Cave Stream		Natural Community
<i>Eurycea spelaea</i>	Grotto Salamander	Animal
<i>Ligidium elrodii</i>	an isopod	Animal
<i>Myotis grisescens</i>	gray bat	Animal
<i>Myotis sodalis</i>	Indiana bat	Animal
<i>Orconectes meeki brevis</i>	Meek's short pointed crayfish	Animal
<i>Stygobromus onondagaensis</i>	an amphipod	Animal
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	Animal
<i>Trillium ozarkanum</i>	Ozark trillium	Plant
<i>Troglichthys rosae</i>	Ozark cavefish	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>
Cave Springs 1 (Collier)	Fee title	\$49,500.00	\$34,752.70	1/28/1985	State General Improvement Fund
Cave Springs 2 (Loch Lono)	Conservation easement (private landowner holds fee title)	\$2,000.00	\$0.00	6/3/2005	Gift
Cave Springs 3 (Brandon)	Fee title	\$1,250,000.00	\$0.00	12/29/2005	Gift
Cave Springs 4 (Northwest Land)	Fee title	\$397,000.00	\$0.00	12/29/2005	Gift

Chalk Bluff Natural Area

County Name: Clay

Size (in acres): 54.9252

Latitude: 36.47809

Longitude: -90.16495

Description:

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

Access:

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

Stewardship Activities:

ANHC staff performed trail maintenance and litter removal.

Date of Last Visit: 6/9/2016

Status:

Bank erosion continues to be a problem.

Elements of Special Concern:

Scientific Name

Common Name

Type of Element

Mississippi River Alluvial Plain Dry-Mesic Loess
Slope Forest

Natural Community

Acquisition Summary:

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

Cherokee Prairie Natural Area

County Name: Franklin

Size (in acres): 584.436

Latitude: 35.33553

Longitude: -94.03834

Description:

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

Access:

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

Stewardship Activities:

ANHC staff led two public tours, conducted general plant inventory, removed trash with volunteers, and maintained the boundaries. Contractors executed a prescribed burn on 160 acres, bushhogged 70 acres, and conducted invasive plant control.

Date of Last Visit: 5/18/2016

Status:

Inventory added species to the plant list, including two new tracked plants. Prescribed fire and mechanical restoration enhanced prairie habitat quality and structure.

Elements of Special Concern:

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

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

twist-leaf goldenrod

Ornate Box Turtle

Type of Element

Plant

Animal

Acquisition Summary:

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

Chesney Prairie Natural Area

County Name: Benton

Size (in acres): 82.54

Latitude: 36.21865

Longitude: -94.4822

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted plant community monitoring and bird monitoring. A contractor conducted invasive plant control, bushhogging, gate replacement, public tours, native seed planting, and executed prescribed burns on 35 acres.

Date of Last Visit: 5/18/2016

Status:

A prescribed burn, as well as mechanical and chemical treatments, reduced woody encroachment. A pipeline right-of-way was heavily impacted and restoration work was initiated. Work continues on a restoration project in an old crop field.

Elements of Special Concern:

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

Acquisition Summary:

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

Coffee Prairie Natural Area

County Name: Ashley

Size (in acres): 56

Latitude: 33.0595

Longitude: -92.05709

Description:

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

Access:

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

Stewardship Activities:

Arkansas Game and Fish Commission performed the day-to-day management of the area as part of a larger Wildlife Management Area. ANHC staff conducted rare plant monitoring

Date of Last Visit: 6/17/2016

Status:

Monitoring of the pondberry cultivation project continued and is reported as going well. Cultivation will aid in future site appropriate reintroductions and potentially assist with species recovery efforts for the federally tracked plant.

Elements of Special Concern:

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

Acquisition Summary:

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

Cossatot River State Park-Natural Area

County Name: Howard, Polk

Size (in acres): 4,470.20

Latitude: 34.29388

Longitude: -94.17704

Description:

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

Access:

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

Stewardship Activities:

Arkansas Department of Parks and Tourism staff performed the day-to-day management of the area as a state park and contracted timber removal for conducted timber removal for ecosystem improvement. ANHC staff conducted a general plant inventory, rare plant monitoring, and participated in Spring and Fall Festival celebrations.

Date of Last Visit: 6/6/2016

Status:

Inventory added to the plant and aquatic species list and indicated that leopard darter populations are declining. AR State Parks conducted timber thins to restore short-leaf pine habitat.

Elements of Special Concern:

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

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

Acquisition Summary:

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

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

Cove Creek Natural Area

County Name: Faulkner

Size (in acres): 228

Latitude: 35.2886

Longitude: -92.4842

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted invasive plant control, maintained the trail, water quality monitoring, removed an old entrance sign, and maintained boundaries.

Date of Last Visit: 6/2/2016

Status:

Water quality monitoring and aquatic sampling found no significant changes from previous periods. An aquatic species list was compiled. Invasive plant species were removed, improving woodland composition.

Elements of Special Concern:

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

Acquisition Summary:

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

Cow Shoals Riverfront Forest Natural Area

County Name: Cleburne

Size (in acres): 63.27

Latitude: 35.51316

Longitude: -91.93051

Description:

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

Access:

Travel east from Heber Springs on State Highway 110. Turn left on Industrial Park Road (State Highway 210) and travel northeast 2.3 miles. Continue onto Cow Shoals Road one mile to parking for the natural area.

Stewardship Activities:

Arkansas Game and Fish Commission performed the day-to-day management of the area as a trout Seasonal Catch-and-Release Area. ANHC staff conducted boundary maintenance, easement monitoring, and routine litter removal.

Date of Last Visit: 6/15/2016

Status:

Field assessments noted no new problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Cut-off Creek Ravines Natural Area

County Name: Drew

Size (in acres): 377

Latitude: 33.40641

Longitude: -91.56307

Description:

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

Access:

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

Stewardship Activities:

Arkansas Game and Fish Commission performed the day-to-day management of the areas part of a larger Wildlife Management Area. ANHC participated a television interview and tour of the new water trail.

Date of Last Visit: 6/4/2016

Status:

Field assessments noted an ongoing need for prescribed fire.

Elements of Special Concern:

Scientific Name

Common Name

Type of Element

Limnothlypis swainsonii

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

Dardanelle Rock Natural Area

County Name: Yell

Size (in acres): 10

Latitude: 35.23778

Longitude: -93.16374

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted a general plant inventory, boundary maintenance, routine grounds maintenance, and removed litter.

Date of Last Visit: 6/9/2016

Status:

Foot traffic contributed to soil erosion. Plant inventory added to the species list.

Elements of Special Concern:

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

Acquisition Summary:

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

Devil's Eyebrow Natural Area

County Name: Benton, Carroll **Size (in acres):** 2500.51 **Latitude:** 36.48341 **Longitude:** -93.92271

Description:

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

Access:

From the town of Garfield, travel east on U.S. Highway 62 for 4 miles to the community of Gateway. From the junction of Highways 62 and 37 at Gateway, continue east on U.S. Highway 62 for 0.4 miles to a gravel access road on the right (south) side of U.S. Highway 62 (marked with a sign). Follow the gravel access road to the parking area.

Stewardship Activities:

ANHC staff conducted a general plant inventory, rare plant monitoring, trail maintenance, bat survey, boundary maintenance, and installed a new entrance sign. Contractors conducted invasive plant control and cedar removal. A volunteer shoreline cleanup was also held with the help of conservation partners.

Date of Last Visit: 3/21/2016

Status:

Land management restored open woodlands and glades, and reduced invasive plants. New species were added to the plant and animal list, including 10 tracked plant species and 1 tracked animal.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Acer saccharum</i> var. <i>nigrum</i>	black maple	Plant
<i>Allium canadense</i> var. <i>lavendulare</i>	tall pink glade onion	Plant
<i>Argyrochosma dealbata</i>	powdery cloak fern	Plant
<i>Asarum canadense</i> var. <i>acuminatum</i>	taper-tip wild ginger	Plant
<i>Callirhoe bushii</i>	Bush's poppy-mallow	Plant
<i>Carex careyana</i>	Carey's sedge	Plant
<i>Carex davisii</i>	Davis' sedge	Plant
<i>Carex gracilescens</i>	slender wood sedge	Plant
<i>Carex grvida</i>	heavy sedge	Plant
<i>Carex hitchcockiana</i>	Hitchcock's sedge	Plant
<i>Carex sparganioides</i>	bur-reed sedge	Plant
<i>Caulophyllum thalictroides</i>	blue cohosh	Plant
<i>Collinsia verna</i>	blue-eyed Mary	Plant
<i>Crotaphytus collaris</i>	Eastern Collared Lizard	Animal
<i>Delphinium treleasei</i>	Trelease's larkspur	Plant
<i>Elymus churchii</i>	Church's wild rye	Plant
<i>Elymus glaucus</i> ssp. <i>mackenzii</i>	Mackenzie's blue wild rye	Plant
<i>Erythronium mesochoreum</i>	prairie trout-lily	Plant
<i>Euphorbia missurica</i>	Missouri spurge	Plant
<i>Gentiana alba</i>	pale gentian	Plant
<i>Gentiana puberulenta</i>	downy gentian	Plant
<i>Liatris punctata</i> var. <i>mucronata</i>	dotted gayfeather	Plant

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Liatrix scariosa</i> var. <i>nieuwlandii</i>	northern blazing-star	Plant
<i>Malvastrum hispidum</i>	yellow false mallow	Plant
<i>Osmorhiza claytonii</i>	hairy sweet-cicely	Plant
<i>Perideridia americana</i>	American squaw-root	Plant
<i>Physalis pumila</i>	prairie ground-cherry	Plant
<i>Prenanthes alba</i>	white rattlesnake-root	Plant
<i>Prenanthes aspera</i>	prairie rattlesnake-root	Plant
<i>Silene ovata</i>	ovate-leaf catchfly	Plant
<i>Silphium integrifolium</i> var. <i>laeve</i>	rosinweed	Plant
<i>Solidago gattingeri</i>	Gattinger's goldenrod	Plant
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	Plant
<i>Spiranthes magnicamporum</i>	great plains ladies'-tresses	Plant
<i>Symphyotrichum sericeum</i>	silvery aster	Plant
<i>Tradescantia ozarkana</i>	Ozark spiderwort	Plant
<i>Ulmus thomasii</i>	rock elm	Plant
<i>Valerianella ozarkana</i>	Ozark cornsalad	Plant
<i>Vitis rupestris</i>	sand grape	Plant

Acquisition Summary:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Devil's Eyebrow 1 (Eagles Bluff)	Fee title (undivided interest with Arkansas Game and Fish Commission)	\$2,751,375.00	\$2,200,000.00	10/31/2012	Natural and Cultural Resources Council, 1/8 Cent Conservation Tax, Natural Gas Proceeds
Devil's Eyebrow 2 (Eagles Bluff)	Fee title (undivided interest with Arkansas Game and Fish Commission)	\$702,551.10	\$573,312.19	8/20/2013	Natural and Cultural Resources Council
Devil's Eyebrow 3 (Mack)	Fee title (undivided interest with Arkansas Game and Fish Commission)	\$16,000.00	\$160,000.00	6/9/2014	Natural Gas Proceeds
Devil's Eyebrow 4 (McKenzie)	Fee title (undivided interest with Arkansas Game and Fish Commission)	\$126,434.00	\$115,449.54	9/3/2014	Natural and Cultural Resources Council
Devil's Eyebrow 5 (Banks)	Fee title (undivided interest with Arkansas Game and Fish Commission)	\$1,300,000.00	\$1,213,308.65	12/31/2015	Natural Gas Proceeds, Natural and Cultural Resources Council, Land Water Conservation Fund

Devil's Knob-Devil's Backbone Natural Area

County Name: Izard

Size (in acres): 822.13

Latitude: 36.00592

Longitude: -92.04704

Description:

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

Access:

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

Stewardship Activities:

ANHC staff installed a new entrance sign and conducted invasive plant control. A contractor conducted a prescribed burn on 320 acres.

Date of Last Visit: 6/8/2016

Status:

Field assessments noted no new problems. Mechanical and chemical methods removed invasive plant species.

Elements of Special Concern:

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

Acquisition Summary:

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

Downs Prairie Natural Area

County Name: Prairie

Size (in acres): 24

Latitude: 34.78142

Longitude: -91.49654

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted targeted plant monitoring, invasive plant control, maintained boundaries, and broadcast native seed that was collected from Railroad Prairie Natural Area. The White River Irrigation District continued a mitigation project as a result of work on the Grand Prairie Area Demonstration Project by haying native grasses for mulch in the restoration areas.

Date of Last Visit: 6/21/2016

Status:

Mechanical and chemical treatments reduced woody encroachments and invasive plant species. Plant inventory added to the plant list.

Elements of Special Concern:

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

Acquisition Summary:

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

Falcon Bottoms Natural Area

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

Description:

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

Access:

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

Stewardship Activities:

A contractor conducted invasive animal control, boundary maintenance, and blocked unauthorized vehicle access. Contractors conducted a prescribed burn on 20 acres.

Date of Last Visit: 6/30/2016

Status:

A prescribed burn improved habitat quality and structure. Feral hog numbers continue to be reduced. Ecological thinning is needed on the natural area.

Elements of Special Concern:

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

Acquisition Summary:

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

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

Fernwood Seep Natural Area

County Name: Polk

Size (in acres): 9.59

Latitude: 34.34962

Longitude: -94.3881

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted general grounds maintenance.

Date of Last Visit: 6/3/2016

Status:

Field assessments noted no new problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Foushee Cave Natural Area

County Name: Independence **Size (in acres):** 2,725.73 **Latitude:** 35.73015 **Longitude:** -91.80035

Description:

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

Access:

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

Stewardship Activities:

ANHC staff installed cable fencing around the parking area, treated invasive species, conducted public tours of the natural area, boundary maintenance, and used herbicide to prepare for a tree planting project. Contractors conducted aerial application of herbicide to prepare for a tree planting project.

Date of Last Visit: 6/28/2016

Status:

Public access was improved. Site preparations were made to restore old pastureland to forest. Survey data was analyzed and showed that the Foushee Cavesnail population is much greater than previously believed.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Amnicola cora</i>	Foushee cavesnail	Animal
<i>Caecidotea ancyla</i>	an isopod	Animal
<i>Epilobium coloratum</i>	willow-herb	Plant
<i>Eurycea spelaea sp. A</i>	Grotto Salamander, Eastern Clade	Animal
<i>Geological feature</i>		Other
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	Plant
<i>Lirceus bicuspidatus</i>	an isopod	Animal
<i>Myotis grisescens</i>	gray bat	Animal
<i>Myotis lucifugus</i>	little brown bat	Animal
<i>Myotis septentrionalis</i>	northern long-eared bat	Animal
<i>Myotis sodalis</i>	Indiana bat	Animal
<i>Xolotrema occidentale</i>	Arkansas wedge	Animal

Acquisition Summary:

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

Gap Creek Natural Area

County Name: Montgomery

Size (in acres): 10.07

Latitude: 34.39285

Longitude: -93.58681

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted grounds maintenance. One new tracked plant was documented.

Date of Last Visit: 6/3/2016

Status:

Field assessments noted no new problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Cypripedium kentuckiense</i>	Kentucky lady's-slipper	Plant
<i>Etheostoma pallidorsum</i>	paleback darter	Animal
<i>Galium arkansanum var. pubiflorum</i>	hairy-flower Arkansas bedstraw	Plant
<i>Houstonia ouachitana</i>	Ouachita bluet	Plant
Upland Headwater Stream-Ouachita Mountains		Natural Community

Acquisition Summary:

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

Garrett Hollow Natural Area

County Name: Washington **Size (in acres):** 747.008 **Latitude:** 35.78526 **Longitude:** -94.411

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted general grounds maintenance.

Date of Last Visit: 6/13/2016

Status:

Field assessments noted the continued need for supplemental tree planting in the restoration area.

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

Acquisition Summary:

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

Goose Pond Natural Area

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

Description:

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

Access:

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

Stewardship Activities:

Arkansas Game and Fish Commission staff performed the day-to-day management of the area. ANHC staff removed trash from the parking area.

Date of Last Visit: 6/9/2016

Status:

Field assessments noted no new problems.

Elements of Special Concern:

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

Acquisition Summary:

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

H. E. Flanagan Prairie Natural Area

County Name: Franklin

Size (in acres): 340.18

Latitude: 35.3591

Longitude: -93.99756

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted boundary maintenance, a public field trip, general plant inventory, and rare plant monitoring. Contractors conducted invasive plant control and executed prescribed burns on 150 acres.

Date of Last Visit: 5/16/2016

Status:

Prescribed burning, and mechanical and chemical treatments, removed invasive plant species. Inventory work added to the plant list, including one new tracked 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>Antennaria neglecta</i>	field pussytoes	Plant
Arkansas Valley Prairie and Woodland		Natural Community
<i>Asio flammeus</i>	Short-eared Owl	Animal
<i>Atrytone arogos iowa</i>	Arogos Skipper	Animal
<i>Callophrys irus hadros</i>	Frosted Elfin	Animal
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink	Plant
<i>Carex fissa</i> var. <i>fissa</i>	hammock sedge	Plant
<i>Carex opaca</i>	opaque prairie sedge	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Gryllotalpa major</i>	prairie mole cricket	Animal
<i>Helianthus pauciflorus</i> ssp. <i>pauciflorus</i>	prairie sunflower	Plant
<i>Koeleria macrantha</i>	prairie June grass	Plant
<i>Laphria vorax</i>	a robberfly	Animal
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	Plant
<i>Nicrophorus americanus</i>	American burying beetle	Animal
<i>Polygala incarnata</i>	pink milkwort	Plant
<i>Prenanthes aspera</i>	prairie rattlesnake-root	Plant
<i>Rhynchospora macrostachya</i>	prairie horned beaksedge	Plant
<i>Terrapene ornata</i>	Ornate Box Turtle	Animal
<i>Tetraopes quinque maculatus</i>	a red milkweed beetle	Animal
<i>Tetraopes texanus</i>	a red milkweed beetle	Animal

Acquisition Summary:

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

Hall Creek Barrens Natural Area

County Name: Cleveland

Size (in acres): 647.3

Latitude: 33.81759

Longitude: -92.19725

Description:

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

Access:

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

Stewardship Activities:

ANHC conducted rare plant monitoring and general grounds maintenance. Contractors executed prescribed burns on 120 acres. A conservation partner and area researcher conducted rattlesnake and master borer moth survey.

Date of Last Visit: 6/14/2016

Status:

Prescribed burning improved habitat structure and composition.

Elements of Special Concern:

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

Acquisition Summary:

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

Hell Creek Natural Area

County Name: Stone

Size (in acres): 211.3782

Latitude: 35.90699

Longitude: -92.07728

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted a public tour.

Date of Last Visit: 6/8/2016

Status:

Field assessments noted no new problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Brickellia grandiflora</i>	tassel-flower	Plant
<i>Cambarus zophonastes</i>	Hell Creek Cave crayfish	Animal
<i>Elymus riparius</i>	river-bank wild rye	Plant
<i>Eurycea spelaea sp. A</i>	Grotto Salamander, Eastern Clade	Animal
<i>Juglans cinerea</i>	butternut	Plant
<i>Lirceus bicuspidatus</i>	an isopod	Animal
<i>Myotis grisescens</i>	gray bat	Animal
<i>Myotis leibii</i>	eastern small-footed bat	Animal
<i>Myotis lucifugus</i>	little brown bat	Animal
<i>Myotis septentrionalis</i>	northern long-eared bat	Animal

Acquisition Summary:

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

Holland Bottoms Willow Oak Forest Preserve

County Name: Lonoke

Size (in acres): 632.3

Latitude: 34.89646

Longitude: -92.06933

Description:

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

Access:

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

Stewardship Activities:

Arkansas Game and Fish Commission performed the daily management of the area.

Date of Last Visit: 6/20/2016

Status:

Field assessments noted no new problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Holloway Memorial Natural Area

County Name: Prairie

Size (in acres): 75

Latitude: 35.07016

Longitude: -91.5399

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted general grounds maintenance and trail maintenance.

Date of Last Visit: 6/29/2016

Status:

Field assessments noted no new problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Iron Mountain Natural Area

County Name: Polk

Size (in acres): 260.51

Latitude: 34.52942

Longitude: -94.33754

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted trail maintenance, grounds maintenance, and boundary maintenance. Contractors conducted a prescribed burn on 260 acres.

Date of Last Visit: 6/10/2016

Status:

Public access issues were identified.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Acer saccharum var. leucoderme</i>	chalk maple	Plant
<i>Cardamine angustata</i>	slender toothwort	Plant
<i>Carex latebracteata</i>	Waterfall's sedge	Plant

Acquisition Summary:

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

Kings River Falls Natural Area

County Name: Madison

Size (in acres): 1,059.386

Latitude: 35.8945

Longitude: -93.58484

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted trail maintenance with volunteers, boundary maintenance, general plant inventory, targeted plant surveys for running buffalo clover, installed a new entrance sign, and conducted a tour for the May commission meeting. A contractor expanded the parking area, ANHC staff installed concrete parking bumpers and directional signage.

Date of Last Visit: 6/21/2016

Status:

Public access was improved by a parking area addition. Baseline data was collected to document continued public usage. Plant inventory added to the plant list. An aquatic species list was compiled and assessments noted increased aquatic biodiversity.

Elements of Special Concern:

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

Acquisition Summary:

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 5 (BVF)	Fee title	\$66,600.00	\$0.00	6/27/2008	Gift
Kings River 6 (Eaton)	Fee title	\$279,000.70	\$279,000.00	3/8/2010	1/8 Cent Conservation Tax
Kings River 7 (Bennett)	Fee title	\$54,306.75	\$54,307.75	4/9/2010	1/8 Cent Conservation Tax
Kings River 8 (Throneberry)	Fee title	\$146,523.00	\$146,523.70	5/3/2010	1/8 Cent Conservation Tax
Kings River 9 (Johnson)	Fee title	\$203,601.60	\$203,601.60	5/31/2012	1/8 Cent Conservation Tax

Kingsland Prairie Natural Area

County Name: Cleveland

Size (in acres): 399.19

Latitude: 33.8636

Longitude: -92.252

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted rare plant monitoring, assisted researchers with a geocarpon study, installed a new entrance sign, conducted . Contractors executed a prescribed burn on 84 acres. A conservation partner and area researcher conducted rattlesnake a master borer moth survey.

Date of Last Visit: 6/18/2016

Status:

A prescribed fire improved woodland structure.

Elements of Special Concern:

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

Acquisition Summary:

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

Konecny Grove Natural Area

County Name: Prairie

Size (in acres): 22.17

Latitude: 34.63496

Longitude: -91.59229

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted an prescribed burn on 22 acres.

Date of Last Visit: 6/10/2016

Status:

A prescribed burn improved habitat composition and structure.

Elements of Special Concern:

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

Acquisition Summary:

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

Konecny Prairie Natural Area

County Name: Prairie

Size (in acres): 70.69

Latitude: 34.62665

Longitude: -91.58035

Description:

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

Access:

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

Stewardship Activities:

ANHC staff noted encroachment on the area in form of plowed and planted land on the northern portion of the natural area (total of approximately 3.5 acres).

Date of Last Visit: 6/10/2016

Status:

Landowner encroachment was identified on about 3 to 4 acres of the easement and restoration work will be required.

Elements of Special Concern:

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

Acquisition Summary:

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

Logoly Natural Area

County Name: Columbia

Size (in acres): 200

Latitude: 33.34923

Longitude: -93.18366

Description:

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

Access:

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

Stewardship Activities:

Arkansas Department of Parks and Tourism staff, who manages the day-to-day activities at the natural area, met with ANHC staff to discuss a future, co-operative prescribed burn. ANHC staff conducted easement monitoring.

Date of Last Visit: 5/13/2016

Status:

Field assessments noted a continued need for a prescribed burn.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex leptalea</i>	bristly-stalk sedge	Plant
<i>Eurycea quadridigitata</i>	Dwarf Salamander	Animal
Lowland Pine-Oak Forest		Natural Community
<i>Polygala nana</i>	candyroot	Plant

Acquisition Summary:

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

Longview Saline Natural Area

County Name: Ashley

Size (in acres): 4,910

Latitude: 33.34695

Longitude: -91.95473

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted boundary maintenance and conducted bird and butterfly surveys. ANHC and Arkansas Game and Fish Commission staff noted encroachment on the area in form of bulldozed path near the southern boundary (approximately 0.8 mile in length). Contractors conducted a prescribed burn on 50 acres, conducted timber removal for ecological management, and conducted industrial mulcher work.

Date of Last Visit: 6/10/2016

Status:

An illegal access road was installed on the natural area and restoration awaits legal resolution. Ecological thinning and a prescribed burn improved habitat structure and composition. An aquatic species list was compiled. A new acquisition added acreage.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Ammocrypta clara</i>	western sand darter	Animal
<i>Ammodramus henslowii</i>	Henslow's Sparrow	Animal
<i>Anthenantia texana</i>	Kral's silkscale	Plant
<i>Carex lupuliformis</i>	false hop sedge	Plant
<i>Crystallaria asprella</i>	crystal darter	Animal
<i>Cyprogenia sp. cf aberti</i>	Ouachita Fanshell	Animal
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Lampsilis abrupta</i>	Pink Mucket	Animal
<i>Lampsilis ornata</i>	Southern Pocketbook	Animal
<i>Myotis austroriparius</i>	southeastern bat	Animal
<i>Notropis perpallidus</i>	peppered shiner	Animal
<i>Percina uranidea</i>	stargazing darter	Animal
<i>Picoides borealis</i>	Red-cockaded Woodpecker	Animal
<i>Pleurobema cordatum</i>	Ohio pigtoe	Animal
<i>Pleurobema riddellii</i>	Louisiana Pigtoe	Animal
<i>Pleurobema rubrum</i>	Pyramid Pigtoe	Animal
<i>Pleurobema sintoxia</i>	Round Pigtoe	Animal
<i>Prenanthes barbata</i>	barbed rattlesnake-root	Plant
<i>Ptychobranthus occidentalis</i>	Ouachita Kidneyshell	Animal
<i>Quadrula apiculata</i>	Southern Mapleleaf	Animal
<i>Quadrula cylindrica cylindrica</i>	Rabbitsfoot	Animal
<i>Quadrula fragosa</i>	Winged Mapleleaf	Animal
<i>Quadrula nobilis</i>	Gulf Mapleleaf	Animal
<i>Schoenolirion wrightii</i>	Texas sunnybell	Plant
South Central Saline Glade		Natural Community

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Spiranthes praecox</i>	giant ladies'-tresses	Plant
<i>Toxolasma lividum</i>	Purple Lilliput	Animal
<i>Toxolasma parvum</i>	Lilliput	Animal
<i>Truncilla donaciformis</i>	Fawnsfoot	Animal

Acquisition Summary:

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Longview Saline 1	Fee title	\$1,020,000.00	\$1,020,000.00	3/25/2011	1/8 Cent Conservation Tax, Natural and Cultural Resources Council
Longview Saline 2	Fee title	\$3,000,000.00	\$3,000,000.00	5/1/2012	U.S. Fish and Wildlife Service Grant, Natural and Cultural Resources Council, Natural Gas Proceeds
Longview Saline 3	Fee title	\$3,170.00	\$2,996,338.96	1/3/2014	U.S. Fish and Wildlife Service Grant, Natural and Cultural Resources Council, 1/8 Cent Conservation Tax
Longview Saline 4	Fee title	\$1,970,000.00	\$1,969,382.70	6/29/2016	U.S. Fish and Wildlife Service Grant, Natural and Cultural Resources Council, Natural Gas Proceeds

Lorance Creek Natural Area

County Name: Pulaski, Saline **Size (in acres):** 389.34 **Latitude:** 34.58682 **Longitude:** -92.25376

Description:

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

Access:

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

Stewardship Activities:

ANHC maintained the trail, conducted general plant inventories, monitored rare plant species, conducted public tours, and performed a prescribed burn on 2 acres. A contractor conducted prescribed burns on 198 acres.

Date of Last Visit: 6/27/2016

Status:

A utility company initiated compatible vegetation management on the remaining section of right-of-way to address last year's damage.

Elements of Special Concern:

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

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Lorance 1	Fee title	\$31,968.00	\$32,743.69	10/30/1990	Natural and Cultural Resources Council, Land and Water Conservation Fund
Lorance 2	Fee title	\$15,984.00	\$16,371.84	10/30/1990	Natural and Cultural Resources Council, Land and Water Conservation Fund
Lorance 3	Fee title	\$1,256.75	\$884.47	10/30/1990	Natural and Cultural Resources Council, Land and Water Conservation Fund
Lorance 4	Fee title	\$63,791.25	\$0.00	10/30/1990	Gift
Lorance 5	Conservation easement (The Nature Conservancy holds fee title)	\$68,786.00	\$54,517.92	12/22/2014	Natural and Cultural Resources Council

Louisiana Purchase Natural Area

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

Description:

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

Access:

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

Stewardship Activities:

Arkansas Department of Parks and Tourism staff performed the day-to-day management of the natural area. ANHC staff conducted easement monitoring.

Date of Last Visit: 5/4/2016

Status:

The altered hydrology of the surrounding area continues to impact the headwater swamp.

Elements of Special Concern:

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

Acquisition Summary:

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

Middle Fork Barrens Natural Area

County Name: Saline

Size (in acres): 205.98

Latitude: 34.6345

Longitude: -92.84289

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted invasive plant control, led a public tour, conducted a general plant inventory, performed rare plant monitoring, maintained boundaries, conducted bird and butterfly surveys, and conducted cedar removal with volunteers. ANHC staff also met with U.S. Fish and Wildlife staff and an adjacent landowner to plan for a future stream restoration and fencing project. A contractor executed a prescribed burn on 80 acres and conducted plant community monitoring.

Date of Last Visit: 6/15/2016

Status:

Inventory work added species to the plant list. A prescribed burn, as well as mechanical and chemical treatments, removed invasive plant species.

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>Erythronium mesochoreum</i>	prairie trout-lily	Plant
<i>Lathyrus pusillus</i>	low vetchling	Plant
<i>Muhlenbergia glabrifloris</i>	inland muhly	Plant
<i>Nemastylis nuttallii</i>	Nuttall's pleat-leaf	Plant
<i>Opuntia nemoralis</i>	Ouachita prickly-pear	Plant
Ouachita Shale Glade and Barrens		Natural Community
<i>Perideridia americana</i>	American squaw-root	Plant
<i>Prenanthes aspera</i>	prairie rattlesnake-root	Plant
<i>Sabatia arkansana</i>	Pelton's rose-gentian	Plant
<i>Scleria verticillata</i>	whorled nut-rush	Plant
<i>Speyeria diana</i>	Diana Fritillary	Animal
<i>Valerianella nuttallii</i>	Nuttall's cornsalad	Plant
<i>Veratrum virginicum</i>	Virginia bunchflower	Plant
<i>Viola walteri</i>	Walter's violet	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
Middle Fork 2	Fee Title	\$157,600.00	\$0.00	12/1/2014	Natural and Cultural Resources Council

Miller County Sandhills Natural Area

County Name: Miller

Size (in acres): 274.3104

Latitude: 33.18985

Longitude: -94.02784

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted boundary maintenance and grounds maintenance. Contractors executed prescribed burns on 70 acres and conducted woody understory control.

Date of Last Visit: 6/8/2016

Status:

A prescribed burn improved the structure and composition of the natural area.

Elements of Special Concern:

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

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

Acquisition Summary:

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

Mills Park Natural Area

County Name: Saline

Size (in acres): 10.4763

Latitude: 34.60542

Longitude: -92.48287

Description:

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

Access:

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

Stewardship Activities:

The City of Bryant managed the daily public use of the area. ANHC staff conducted trash removal, installed fireline for a future prescribed burn, and installed a new entrance sign.

Date of Last Visit: 3/17/2016

Status:

Field assessments noted the need for a prescribed burn.

Elements of Special Concern:

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

Acquisition Summary:

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

Moro Big Pine Natural Area-Wildlife Management Area

County Name: Calhoun

Size (in acres): 15,922.78

Latitude: 33.39717

Longitude: -92.41385

Description:

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

Access:

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

Stewardship Activities:

ANHC staff participated in the annual partners meeting with Arkansas Game and Fish Commission, U.S. Forest Service, Arkansas Forestry Commission, University of Arkansas at Monticello, and Potlatch representatives.

Date of Last Visit: 1/11/2016

Status:

Prescribed burns and timber thins improved habitat structure and composition. The RCW population increased, reaching a new high of 21 active groups. Staff coordinated with partners about a proposed highway widening project.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Alophia drummondii</i>	pinewoods-lily	Plant
<i>Anthenantia texana</i>	Kral's silkyscale	Plant
<i>Coelorachis rugosa</i>	wrinkled joint-tail	Plant
<i>Dichanthelium scabriusculum</i>	tall swamp rosette grass	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Eriocaulon decangulare</i>	large-head pipewort	Plant
<i>Fuirena bushii</i>	Bush's umbrella sedge	Plant
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	Plant
<i>Hyla avivoca</i>	Bird-voiced Treefrog	Animal
<i>Juncus canadensis</i>	Canadian rush	Plant
<i>Panicum rigidulum ssp. pubescens</i>	red-top panic 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>Prenanthes barbata</i>	barbed rattlesnake-root	Plant
<i>Rhynchospora gracilentia</i>	slender beaksedge	Plant
<i>Rhynchospora rariflora</i>	few-flower beaksedge	Plant
<i>Sabatia campanulata</i>	slender rose-gentian	Plant
<i>Sida elliotii</i>	Elliott's sida	Plant
<i>Smilax walteri</i>	red-berried greenbrier	Plant
<i>Tradescantia paludosa</i>	confederate spiderwort	Plant
<i>Xyris ambigua</i>	Coastal Plain yellow-eyed-grass	Plant

Acquisition Summary:

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

Moro Creek Bottoms Natural Area

County Name: Cleveland

Size (in acres): 81.113

Latitude: 33.77712

Longitude: -92.32454

Description:

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

Access:

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

Stewardship Activities:

ANHC staff maintained boundaries around the natural area.

Date of Last Visit: 1/16/2016

Status:

Field assessments noted no new problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Nacatoch Ravines Natural Area

County Name: Hempstead

Size (in acres): 2,122.125

Latitude: 33.65034

Longitude: -93.83154

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted invasive plant control and bird and butterfly surveys. Contractors conducted industrial mulcher work, invasive plant control, and executed prescribed burns on 316 acres.

Date of Last Visit: 6/23/2016

Status:

Prescribed fire and chemical applications improved habitat structure and composition. Invasive plants were reduced, including continued aerial herbicide application for kudzu. One new tracked animal was documented.

Elements of Special Concern:

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

Acquisition Summary:

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

Palmetto Flats Natural Area

County Name: Little River

Size (in acres): 1,848

Latitude: 33.63689

Longitude: -94.26751

Description:

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

Access:

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

Stewardship Activities:

A contracted caretaker performed routine grounds maintenance and installed a new entrance sign. A contractor created a new prescribed burn plan for the area.

Date of Last Visit: 5/3/2016

Status:

The need for an ecological thin continues. Field assessments noted no new problems.

Elements of Special Concern:

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

Acquisition Summary:

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

Pine City Natural Area

County Name: Monroe

Size (in acres): 1,043.21

Latitude: 34.60493

Longitude: -91.13565

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted boundary maintenance, historic dumpsite removal with volunteers, and Red-cockaded woodpecker monitoring and nest cavity maintenance. Contractors conducted grinder work, plant community monitoring, and a prescribed burn on 157 acres.

Date of Last Visit: 6/22/2016

Status:

A prescribed burn, and chemical and mechanical treatments, reduced woody vegetation and invasive plants. The area supported a new high of 4 RCW groups, 3 of which successfully nested. A wildfire killed portions of new pine stands which need replanting.

Elements of Special Concern:

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

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Pine City 1	Fee title	\$33,840.00	\$32,200.00	8/8/1988	Natural and Cultural Resources Council
Pine City 2	Fee title	\$31,500.00	\$31,500.00	8/10/1989	Natural and Cultural Resources Council
Pine City 3	Fee title	\$67,680.00	\$32,000.00	3/2/1989	Natural and Cultural Resources Council
Pine City 4	Fee title	\$216,600.00	\$215,000.00	9/5/2001	Natural and Cultural Resources Council
Pine City 5	Fee title	\$46,300.00	\$46,300.00	6/18/2003	Natural and Cultural Resources Council, Land Water Conservation Fund
Pine City 6	Fee title	\$62,000.00	\$62,000.00	7/17/2003	Natural and Cultural Resources Council, 1/8 Cent Conservation Tax
Pine City 7	Fee title	\$37,000.00	\$29,450.00	12/15/2003	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant
Pine City 8	Fee title	\$73,000.00	\$73,000.00	6/25/2007	Natural and Cultural Resources Council
Pine City 9	Fee title	\$60,000.00	\$60,000.00	7/2/2008	Natural and Cultural Resources Council, U.S. Fish and Wildlife Service Grant
Pine City 10	Fee title	\$58,000.00	\$58,000.00	10/3/2008	Natural and Cultural Resources Council, 1/8 Cent Conservation Tax

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

Pine Hollow Natural Area

County Name: Newton

Size (in acres): 132.525

Latitude:

Longitude:

Description:

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

Access:

There is no public access to this natural area.

Stewardship Activities:

ANHC staff conducted a general plant inventory and noted invasive plants in the area.

Date of Last Visit: 6/9/2016

Status:

Field assessments noted no new problems. Plant inventory added to the plant list.

Elements of Special Concern:

Scientific Name

Common Name

Type of Element

None Recorded

Acquisition Summary:

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

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

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

Description:

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

Access:

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

Stewardship Activities:

A contractor conducted prescribed burns on 181 acres.

Date of Last Visit: 5/22/2016

Status:

A prescribed burn improved habitat composition and structure. Field assessments noted no new problems.

Elements of Special Concern:

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

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Solidago patula ssp. strictula</i>	swamp goldenrod	Plant
<i>Sporobolus junceus</i>	pineywoods dropseed	Plant
<i>Streptanthus hyacinthoides</i>	sandhill twistflower	Plant
<i>Stylisma pickeringii var. pattersonii</i>	Patterson's dawnflower	Plant
<i>Tradescantia reverchonii</i>	Reverchon's spiderwort	Plant
<i>Vulpia sciurea</i>	squirrel-tail six-weeks grass	Plant
West Gulf Coastal Plain Sandhill Oak & Shortleaf Pine Forest & Woodland		Natural Community

Acquisition Summary:

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

Railroad Prairie Natural Area

County Name: Prairie, Lonoke **Size (in acres):** 250.7 **Latitude:** 34.78175 **Longitude:** -91.69782

Description:

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

Access:

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

Stewardship Activities:

ANHC conducted invasive plant control, performed prescribed burns on 5 burn units, conducted midstory and overstory herbicide treatments, conducted general plant inventories, and harvested seed with volunteers for restoration on other natural areas. ANHC staff met with the White River Irrigation District to discuss mitigation impacts from the Grand Prairie Area Demonstration Project. A contractor conducted invasive plant control.

Date of Last Visit: 6/24/2016

Status:

Inventory work added species to the plant list including 2 new tracked species. Management activities reduced invasive plant species and woody encroachment. Staff continued to coordinate with others on the Grand Prairie Area Demonstration Project.

Elements of Special Concern:

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

Scientific Name**Common Name****Type of Element***Solidago speciosa var. rigidiuscula*

narrow-leaf showy goldenrod

Plant

Solidago tortifolia

twist-leaf goldenrod

Plant

Tetraopes quinque-maculatus

a red milkweed beetle

Animal

Acquisition Summary:

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

Rock Creek Natural Area

County Name: Sharp

Size (in acres): 414.68

Latitude: 36.22698

Longitude: -91.44115

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted trail maintenance, rare plant species monitoring, vegetation removal near the entrance sign, general plant inventory, and removed trash.

Date of Last Visit: 6/14/2016

Status:

Field assessments noted no new problems. One new tracked animal was documented.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Carex interior</i>	inland star sedge	Plant
<i>Carex leptalea</i>	bristly-stalk sedge	Plant
<i>Carex suberecta</i>	prairie straw sedge	Plant
<i>Carex timida</i>	timid sedge	Plant
Central Interior Highlands Calcareous Glade and Barrens		Natural Community
<i>Cicindela obsoleta</i>	scrubland tiger beetle	Animal
<i>Elymus riparius</i>	river-bank wild rye	Plant
<i>Erysimum capitatum</i> var. <i>capitatum</i>	western wallflower	Plant
<i>Etheostoma uniporum</i>	current darter	Animal
<i>Juncus subcaudatus</i>	fen rush	Plant
<i>Ludwigia microcarpa</i>	small-fruit primrose-willow	Plant
<i>Malvastrum hispidum</i>	yellow false mallow	Plant
<i>Mimulus ringens</i> var. <i>ringens</i>	Allegheny monkey-flower	Plant
<i>Nemastylis geminiflora</i>	celestial-lily	Plant
<i>Orconectes marchandi</i>	Mammoth Spring crayfish	Animal
Ozark-Ouachita Fen		Natural Community
<i>Pediomelum esculentum</i>	large Indian-breadroot	Plant
<i>Penstemon cobaea</i>	showy beardtongue	Plant
<i>Perideridia americana</i>	American squaw-root	Plant
<i>Plantago cordata</i>	heart-leaf plantain	Plant
<i>Pycnanthemum virginianum</i>	Virginia mountain-mint	Plant
<i>Rhynchospora capillacea</i>	capillary beaksedge	Plant

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Salix eriocephala</i>	Missouri willow	Plant
<i>Scleria verticillata</i>	whorled nut-rush	Plant
<i>Scutellaria bushii</i>	Bush's skullcap	Plant
<i>Solidago riddellii</i>	Riddell's goldenrod	Plant
<i>Spiranthes lucida</i>	shining ladies'-tresses	Plant
Spring-Ozark Mountains		Natural Community
<i>Symphyotrichum sericeum</i>	silvery aster	Plant
Upland Stream-Ozark Mountains		Natural Community
<i>Vitis rupestris</i>	sand grape	Plant

Acquisition Summary:

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

Roth Prairie Natural Area

County Name: Arkansas

Size (in acres): 41.066

Latitude: 34.45407

Longitude: -91.57699

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted invasive plant control, conducted a general plant inventory, and maintained the parking area. The White River Irrigation District continued a mitigation project as a result of work on the Grand Prairie Area Demonstration Project by partnering with ANHC to hay a portion of the Natural Area to provide mulch for restoration areas.

Date of Last Visit: 6/13/2016

Status:

Management practices reduced woody and invasive plant species. Staff continued to monitor erosion due to runoff from neighboring landowners.

Elements of Special Concern:

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

Acquisition Summary:

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

Saratoga Blackland Prairie Natural Area

County Name: Howard

Size (in acres): 66.3886

Latitude: 33.75806

Longitude: -93.91196

Description:

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

Access:

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

Stewardship Activities:

ANHC staff removed cedar, conducted bird and butterfly surveys, and maintained the boundary. Contractors conducted industrial mulcher work and conducted invasive plant control.

Date of Last Visit: 6/5/2016

Status:

Management activities reduced woody vegetation.

Elements of Special Concern:

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

Acquisition Summary:

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

Searles Prairie Natural Area

County Name: Benton

Size (in acres): 10

Latitude: 36.3557

Longitude: -94.14364

Description:

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

Access:

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

Stewardship Activities:

ANHC staff removed trash, installed a new entrance sign with a volunteer, and met with the landowner to discuss management of the natural area. Contractors conducted invasive plant control and plant community monitoring.

Date of Last Visit: 3/22/2016

Status:

Mechanical and chemical treatments reduced invasive plants and woody encroachment. Woody encroachment continues to be an issue.

Elements of Special Concern:

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

Acquisition Summary:

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

Seven Devils Swamp Natural Area

County Name: Drew

Size (in acres): 1,076.26

Latitude: 33.57546

Longitude: -91.5789

Description:

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

Access:

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

Stewardship Activities:

Arkansas Game and Fish Commission staff performed the day-to-day management activities of the area.

Date of Last Visit: 6/9/2016

Status:

Field assessments noted no new problems.

Elements of Special Concern:

Scientific Name

Common Name

Type of Element

Colonial nesting site, water birds

Other

Hypericum apocynifolium

dogbane St. John's-wort

Plant

Acquisition Summary:

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

Singer Forest Natural Area

County Name: Poinsett

Size (in acres): 519.44

Latitude: 35.46242

Longitude: -90.54101

Description:

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

Access:

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

Stewardship Activities:

Arkansas Game and Fish Commission staff performed the day-to-day management activities of the area. ANHC staff conducted easement monitoring.

Date of Last Visit: 6/8/2016

Status:

Field assessments noted no new problems.

Elements of Special Concern:

Scientific Name

Common Name

Type of Element

None Recorded

Acquisition Summary:

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

Slippery Hollow Natural Area

County Name: Marion

Size (in acres): 1,235.121

Latitude: 36.35608

Longitude: -92.77574

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted a biological inventory of Reed Cave (with a conservation partner), repaired fencing, conducted a volunteer karst inventory, and karst inventories on additional caves (with a conservation partner). A cave gate was installed on the natural area.

Date of Last Visit: 4/13/2016

Status:

Volunteers identified new locations of karst features. One new tracked animal was documented.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Batrachus speleopolis</i>	Cave City cave amphipod	Animal
<i>Carex careyana</i>	Carey's sedge	Plant
<i>Carex hitchcockiana</i>	Hitchcock's sedge	Plant
<i>Carex sparganioides</i>	bur-reed sedge	Plant
<i>Corynorhinus townsendii ingens</i>	Ozark big-eared bat	Animal
<i>Elymus glaucus ssp. mackenzii</i>	Mackenzie's blue wild rye	Plant
<i>Erythronium mesochoreum</i>	prairie trout-lily	Plant
<i>Eurycea spelaea sp. A</i>	Grotto Salamander, Eastern Clade	Animal
<i>Malvastrum hispidum</i>	yellow false mallow	Plant
<i>Myotis grisescens</i>	gray bat	Animal
<i>Myotis leibii</i>	eastern small-footed bat	Animal
<i>Myotis septentrionalis</i>	northern long-eared bat	Animal
<i>Myotis sodalis</i>	Indiana bat	Animal
<i>Penstemon cobaea</i>	showy beardtongue	Plant
<i>Phlox bifida</i>	sand phlox	Plant
<i>Prenanthes aspera</i>	prairie rattlesnake-root	Plant
<i>Stygobromus ozarkensis</i>	Ozark cave amphipod	Animal

Acquisition Summary:

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

Tract Name	Legal Interest	Appraised Value	Purchase Price	Date Acquired	Funding Source
Slippery 5 (Tanner)	Fee title	\$85,000.00	\$85,000.00	10/1/2007	U.S. Fish and Wildlife Service Grant
Slippery 6 (Williams)	Fee title	\$120,000.00	\$120,000.00	1/24/2008	U.S. Fish and Wildlife Service Grant
Slippery 7 (Davenport)	Fee title	\$162,289.40	\$98,087.00	8/27/2010	Natural and Cultural Resources Council
Slippery 8 (Williams 2)	Fee title	\$138,000.00	\$138,000.00	12/3/2010	Natural and Cultural Resources Council
Slippery 9 (Liebert)	Fee title	\$67,400.00	\$67,400.00	8/31/2011	Natural and Cultural Resources Council
Slippery 10 (Williams 3)	Fee title	\$69,000.00	\$69,000.00	2/22/2012	Natural and Cultural Resources Council
Slippery 11 (Snow 1)	Fee title	\$40,000.00	\$40,000.00	6/6/2014	Natural Gas Proceeds
Slippery 12 (Snow 2)	Fee Title	\$40,000.00	\$40,000.00	2/3/2015	Natural and Cultural Resources Council

Smoke Hole Natural Area

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

Description:

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

Access:

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

Stewardship Activities:

ANHC staff blocked ATV encroachment and conducted invasive plant control.

Date of Last Visit: 6/21/2016

Status:

Field assessments noted no new problems.

Elements of Special Concern:

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

Acquisition Summary:

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

St. Francis Sunken Lands Natural Area

County Name: Poinsett

Size (in acres): 80

Latitude: 35.68692

Longitude: -90.43968

Description:

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

Access:

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

Stewardship Activities:

Arkansas Game and Fish Commission staff performed the day-to-day management activities of the area.

Date of Last Visit: 6/8/2016

Status:

Feral hog activity was noted.

Elements of Special Concern:

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

Acquisition Summary:

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

Stateline Sand Ponds Natural Area

County Name: Clay

Size (in acres): 166.53

Latitude: 36.49788

Longitude: -90.61163

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted boundary maintenance.

Date of Last Visit: 6/9/2016

Status:

Field assessments noted no new problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Ambystoma talpoideum</i>	Mole Salamander	Animal
<i>Blephilia hirsuta</i>	hairy wood mint	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Leitneria floridana</i>	corkwood	Plant
<i>Lindera melissifolia</i>	pondberry	Plant
<i>Platanthera flava</i>	rein orchid	Plant
<i>Platanthera peramoena</i>	purple fringeless orchid	Plant

Acquisition Summary:

<u>Tract Name</u>	<u>Legal Interest</u>	<u>Appraised Value</u>	<u>Purchase Price</u>	<u>Date Acquired</u>	<u>Funding Source</u>
Stateline 1	Fee title	\$208,000.00	\$190,000.00	12/1/1994	Natural and Cultural Resources Council
Stateline 2	Fee title	\$48,539.82	\$48,539.82	6/30/2015	Natural and Cultural Resources Council

Stone Road Glade Natural Area

County Name: Howard

Size (in acres): 108.23

Latitude: 34.07987

Longitude: -93.90398

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted invasive plant control and bird and butterfly surveys. ANHC staff led a North American Butterfly Association butterfly count with volunteers. A contractor conducted woody vegetation control.

Date of Last Visit: 5/28/2016

Status:

Chemical treatment reduced invasive plant species. Inventory work documented two new tracked animal species.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Allium drummondii</i>	Drummond's wild onion	Plant
<i>Amblyscirtes aesculapius</i>	Lace-winged Roadside-Skipper	Animal
<i>Amblyscirtes belli</i>	Bell's Roadside-Skipper	Animal
<i>Calephelis borealis</i>	Northern Metalmark	Animal
<i>Chlosyne gorgone</i>	Gorgone Checkerspot	Animal
<i>Plantago rhodosperma</i>	red-seed plantain	Plant
<i>Problema byssus</i>	Byssus Skipper	Animal
<i>Speyeria diana</i>	Diana Fritillary	Animal
<i>Tetraopes quinque maculatus</i>	a red milkweed beetle	Animal
West Gulf Coastal Plain Northern Calcareous Prairie		Natural Community

Acquisition Summary:

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

Striplin Woods Natural Area

County Name: Arkansas

Size (in acres): 30.0139861

Latitude: 34.36948

Longitude: -91.12404

Description:

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

Access:

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

Stewardship Activities:

White River National Wildlife Refuge staff performed the day-to-day management activities of the area. ANHC and refuge staff maintained a shared trail system.

Date of Last Visit: 8/15/2016

Status:

Ongoing erosion problems were noted.

Elements of Special Concern:

Scientific Name

Common Name

Type of Element

Limnothlypis swainsonii

Swainson's Warbler

Animal

Mississippi River Low Floodplain (Bottomland) Forest

Natural Community

Acquisition Summary:

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

Sweden Creek Falls Natural Area

County Name: Madison

Size (in acres): 136.2

Latitude: 35.97227

Longitude: -93.4514

Description:

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

Access:

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

Stewardship Activities:

ANHC staff removed old fencing with volunteers, conducted trail maintenance with volunteers, and conducted grounds maintenance.

Date of Last Visit: 5/13/2016

Status:

Volunteers removed fencing and trash.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Asplenium pinnatifidum</i>	lobed spleenwort	Plant
<i>Eriocaulon koernickianum</i>	small-head pipewort	Plant
<i>Heuchera villosa var. arkansana</i>	Arkansas alumroot	Plant
<i>Lithobates sylvaticus</i>	Wood Frog	Animal
<i>Mimulus floribundus</i>	yellow monkey-flower	Plant
Ozark-Ouachita Dry-Mesic Oak Forest		Natural Community
<i>Solidago ptarmicoides</i>	white flat-top goldenrod	Plant

Acquisition Summary:

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

Swifton Sand Ponds Natural Area

County Name: Jackson

Size (in acres): 60

Latitude: 35.858

Longitude: -91.0999

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted grounds maintenance and easement monitoring.

Date of Last Visit: 5/19/2016

Status:

Field assessments noted no new problems.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Cyperus retrofractus</i>	rough flatsedge	Plant
<i>Lindera melissifolia</i>	pondberry	Plant

Acquisition Summary:

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

Taylor Woodlands Natural Area

County Name: Jefferson

Size (in acres): 137

Latitude: 34.19597

Longitude: -91.97174

Description:

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

Access:

From the eastern terminus of Interstate 530 at Pine Bluff, take U.S. Highway 65 South toward Dumas. Travel southeast 0.2 mile to Taylor Phillips Road (I-530 Frontage Road). Turn right, and travel approximately 0.9 mile west. Turn left (south) on the farm road. The natural area is within the wooded area to the left (northeast).

Stewardship Activities:

ANHC conducted grounds maintenance and maintained boundaries.

Date of Last Visit: 4/22/2016

Status:

Field assessments noted no new 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
Taylor 1	Fee title	\$97,200.00	\$0.00	11/30/1977	Gift

Terre Noire Natural Area

County Name: Clark

Size (in acres): 493.04

Latitude: 34.08696

Longitude: -93.17322

Description:

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

Access:

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

Stewardship Activities:

ANHC conducted a plant inventory, rare plant monitoring, led public tours, and assisted researchers with a Diana fritillary study. Contractors removed cedars, conducted invasive plant control, and performed prescribed burns on 208 acres.

Date of Last Visit: 6/14/2016

Status:

Inventory work added new species to the plant list. Prescribed burns and an ecological thin improved the quality of natural communities.

Elements of Special Concern:

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

Acquisition Summary:

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

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

Warren Prairie Natural Area

County Name: Bradley, Drew

Size (in acres): 4,615.56

Latitude: 33.57956

Longitude: -91.98643

Description:

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

Access:

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

Stewardship Activities:

ANHC staff conducted trail corridor installation, general plant inventory, rare plant monitoring, and Red-cockaded woodpecker monitoring and nest cavity maintenance. ANHC staff also led field trips for the University of Arkansas Monticello School of Forestry Resources and the Arkansas Native Plant Society. Contractors executed prescribed burns on 842 acres, conducted timber thinning, and conducted mid-story control.

Date of Last Visit: 6/24/2016

Status:

Continued habitat restoration increased the population of RCWs, along with additional releases and birds fledged from previous years. Inventory added to the plant list. Prescribed fire improved woodland structure. A trail was installed.

Elements of Special Concern:

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Ammodramus henslowii</i>	Henslow's Sparrow	Animal
<i>Anthenantia texana</i>	Kral's silkyscale	Plant
<i>Callitriche nuttallii</i>	Nuttall's water-starwort	Plant
<i>Cladium jamaicense</i>	saw-grass	Plant
<i>Crassula aquatica</i>	water pygmyweed	Plant
<i>Crocanthemum rosmarinifolium</i>	rosemary rock-rose	Plant
<i>Dichanthelium dichotomum ssp. roanokense</i>	Roanoke rosette grass	Plant
<i>Dryopteris ludoviciana</i>	southern wood fern	Plant
<i>Eleocharis wolfii</i>	Wolf's spike-rush	Plant
<i>Evolvulus sericeus</i>	silver dwarf morning-glory	Plant
<i>Geocarpon minimum</i>	geocarpon	Plant
<i>Gymnopogon brevifolius</i>	short-leaf skeleton grass	Plant
<i>Krigia occidentalis</i>	western dwarf-dandelion	Plant
<i>Leersia hexandra</i>	southern cut grass	Plant
<i>Liodytes rigida</i>	Glossy Swampsnake	Animal
<i>Lithobates areolatus</i>	Crawfish Frog	Animal
<i>Muhlenbergia glabrifloris</i>	inland muhly	Plant
<i>Picoides borealis</i>	Red-cockaded Woodpecker	Animal
<i>Prenanthes barbata</i>	barbed rattlesnake-root	Plant
<i>Rhynchospora colorata</i>	white-top sedge	Plant
<i>Rhynchospora globularis var. globularis</i>	globe beaksedge	Plant
<i>Schoenolirion wrightii</i>	Texas sunnybell	Plant
South Central Saline Glade		Natural Community
<i>Speyeria diana</i>	Diana Fritillary	Animal

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
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<i>Spiranthes lacera</i> var. <i>lacera</i>	northern slender ladies'-tresses	Plant
<i>Spiranthes praecox</i>	giant ladies'-tresses	Plant
<i>Sporobolus junceus</i>	pineywoods dropseed	Plant
<i>Symphyotrichum pratense</i>	barrens silky aster	Plant

Acquisition Summary:

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

White Cliffs Natural Area

County Name: Little River

Size (in acres): 573

Latitude: 33.76603

Longitude: -94.05902

Description:

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

Access:

From Brownstown, travel approximately 4 miles south on State Highway 317 to parking area on the right.

Stewardship Activities:

ANHC staff conducted trail maintenance and grounds maintenance.

Date of Last Visit: 5/11/2016

Status:

Invasive plant species were reduced.

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 crassicaucus</i> var. <i>crassicaucus</i>	purple ground-plum	Plant
<i>Astragalus nuttallianus</i> var. <i>nuttallianus</i>	Nuttall's milk-vetch	Plant
<i>Carex comosa</i>	bottle-brush sedge	Plant
<i>Cooperia drummondii</i>	rain-lily	Plant
<i>Delphinium carolinianum</i> ssp. <i>virescens</i>	plains larkspur	Plant
<i>Diaperia prolifera</i> var. <i>prolifera</i>	big-head rabbit-tobacco	Plant
<i>Glandularia bipinnatifida</i> var. <i>bipinnatifida</i>	Dakota vervain	Plant
<i>Haliaeetus leucocephalus</i>	Bald Eagle	Animal
<i>Hexalectris spicata</i> var. <i>spicata</i>	crested-coralroot	Plant
<i>Houstonia ouachitana</i>	Ouachita bluet	Plant
<i>Indigofera miniata</i>	scarlet-pea	Plant
<i>Juniperus ashei</i> Dry Chalk Outcrop Woodland		Natural Community
<i>Liatris squarrosa</i> var. <i>squarrosa</i>	hairy scaly blazing-star	Plant
<i>Limnodea arkansana</i>	Ozark grass	Plant
<i>Malvastrum hispidum</i>	yellow false mallow	Plant
<i>Nemastylis geminiflora</i>	celestial-lily	Plant
<i>Oenothera spachiana</i>	Spach's evening-primrose	Plant
<i>Penstemon cobaea</i>	showy beardtongue	Plant
<i>Physalis cinerascens</i> var. <i>cinerascens</i>	small-flower ground-cherry	Plant
<i>Physaria gracilis</i> ssp. <i>gracilis</i>	slender bladderpod	Plant
<i>Plantago rhodosperma</i>	red-seed plantain	Plant
<i>Prenanthes aspera</i>	prairie rattlesnake-root	Plant
<i>Pyrrhopappus pauciflorus</i>	few-flower false dandelion	Plant
<i>Quercus sinuata</i>	Durand's white oak	Plant
<i>Spiranthes magnicamporum</i>	great plains ladies'-tresses	Plant

<u>Scientific Name</u>	<u>Common Name</u>	<u>Type of Element</u>
<i>Stachys crenata</i>	shade betony	Plant
<i>Stenosiphon linifolius</i>	false gaura	Plant
<i>Tetraopes quinquemaculatus</i>	a red milkweed beetle	Animal

Acquisition Summary:

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

Wittsburg Natural Area

County Name: Cross

Size (in acres): 167.65

Latitude:

Longitude:

Description:

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

Access:

There is no public access to this natural area.

Stewardship Activities:

ANHC staff conducted boundary maintenance.

Date of Last Visit: 6/8/2016

Status:

Field assessments noted no new problems.

Elements of Special Concern:

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

Acquisition Summary:

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