



Photos by Theo Witsell

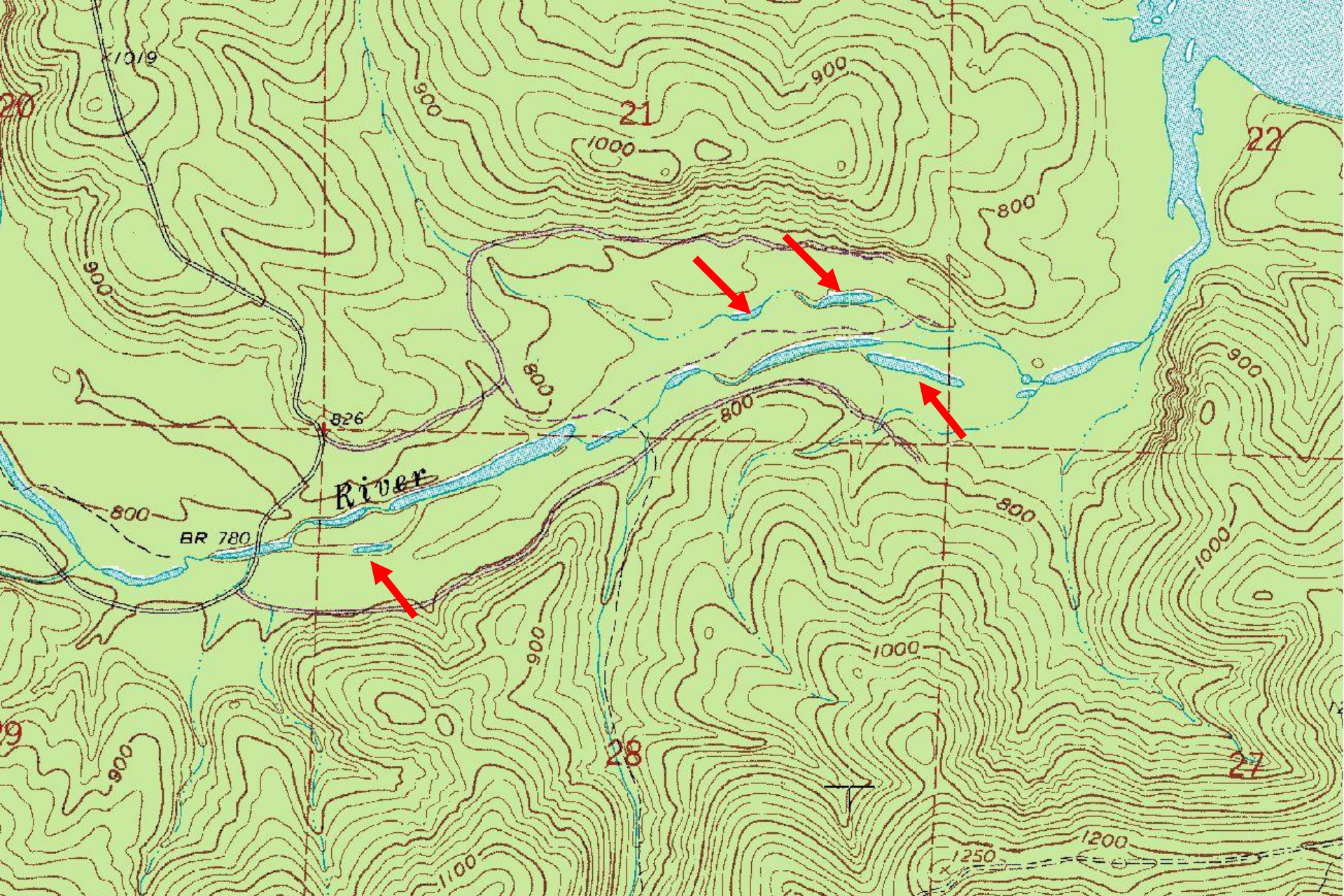
Scour Prairie (Cossatot River State Park Natural Area, Howard County)



Chris Maussert-Mooney



Mason Brock



Channel Scar Ponds. Alum Fork Saline River. Saline County.



Photo by Theo Witsell

Channel Scar Ponds. Alum Fork Saline River. Saline County.



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Photo by John Pelton

Hypericum adpressum locality



Creeping St. John's Wort (*Hypericum adpressum*)

Habitat: channel scar ponds

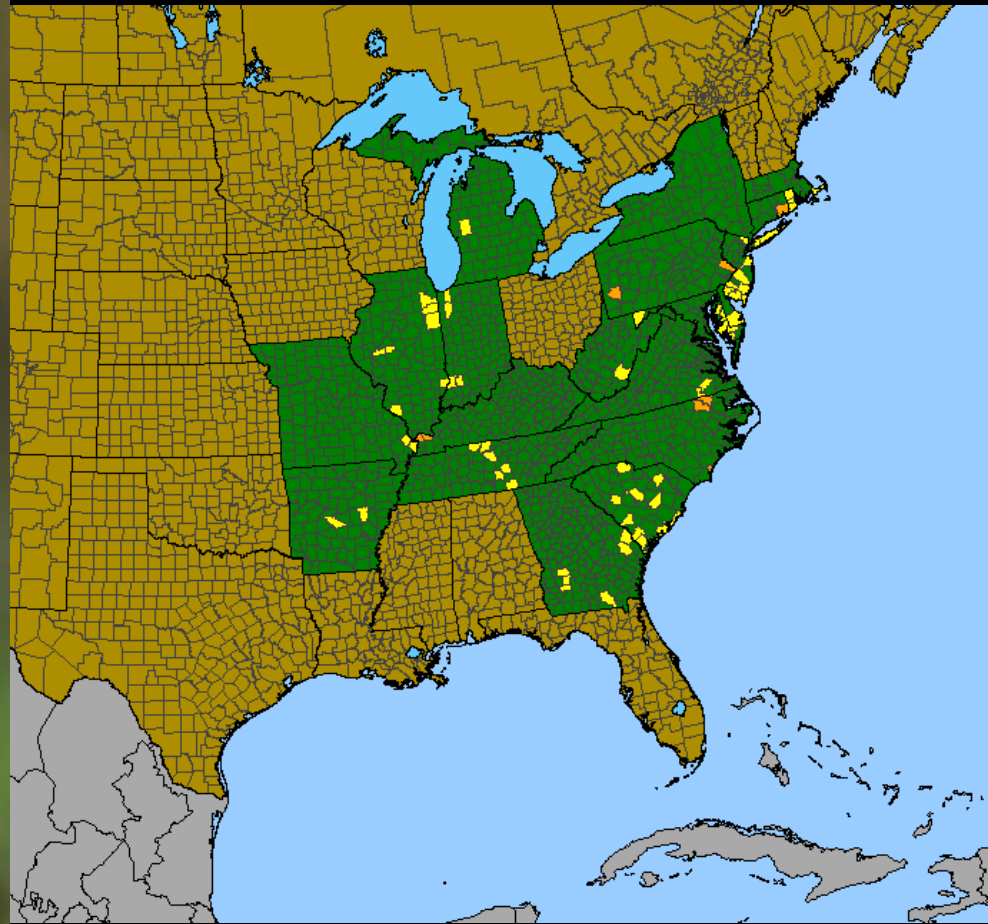
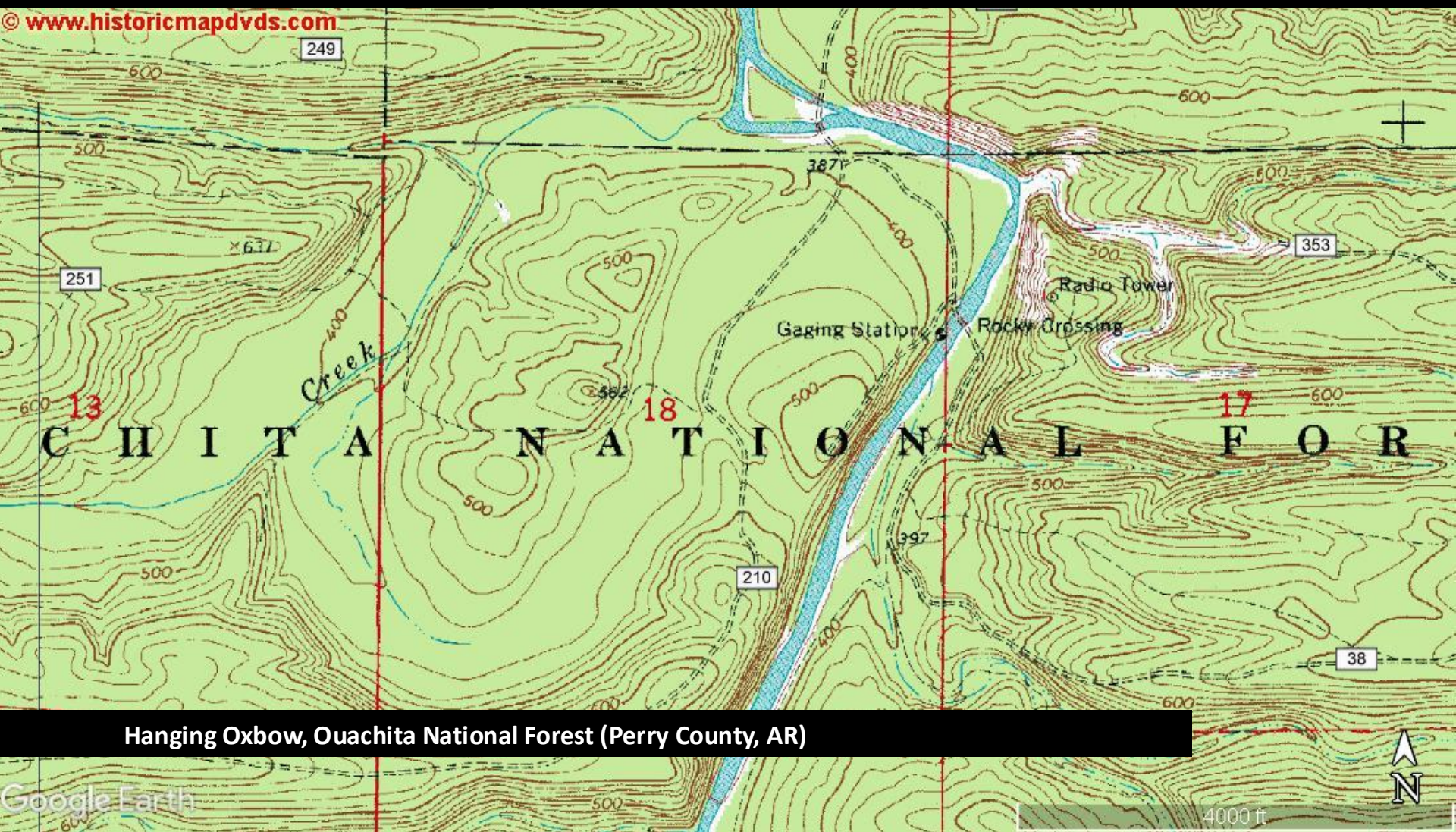


Photo by John Pelton



Hanging Oxbow, Ouachita National Forest (Perry County, AR)



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Caddo Madtom (*Noturus taylori*)



Ouachita Madtom (*Noturus lachneri*)



Leopard Darter (*Percina pantherina*)

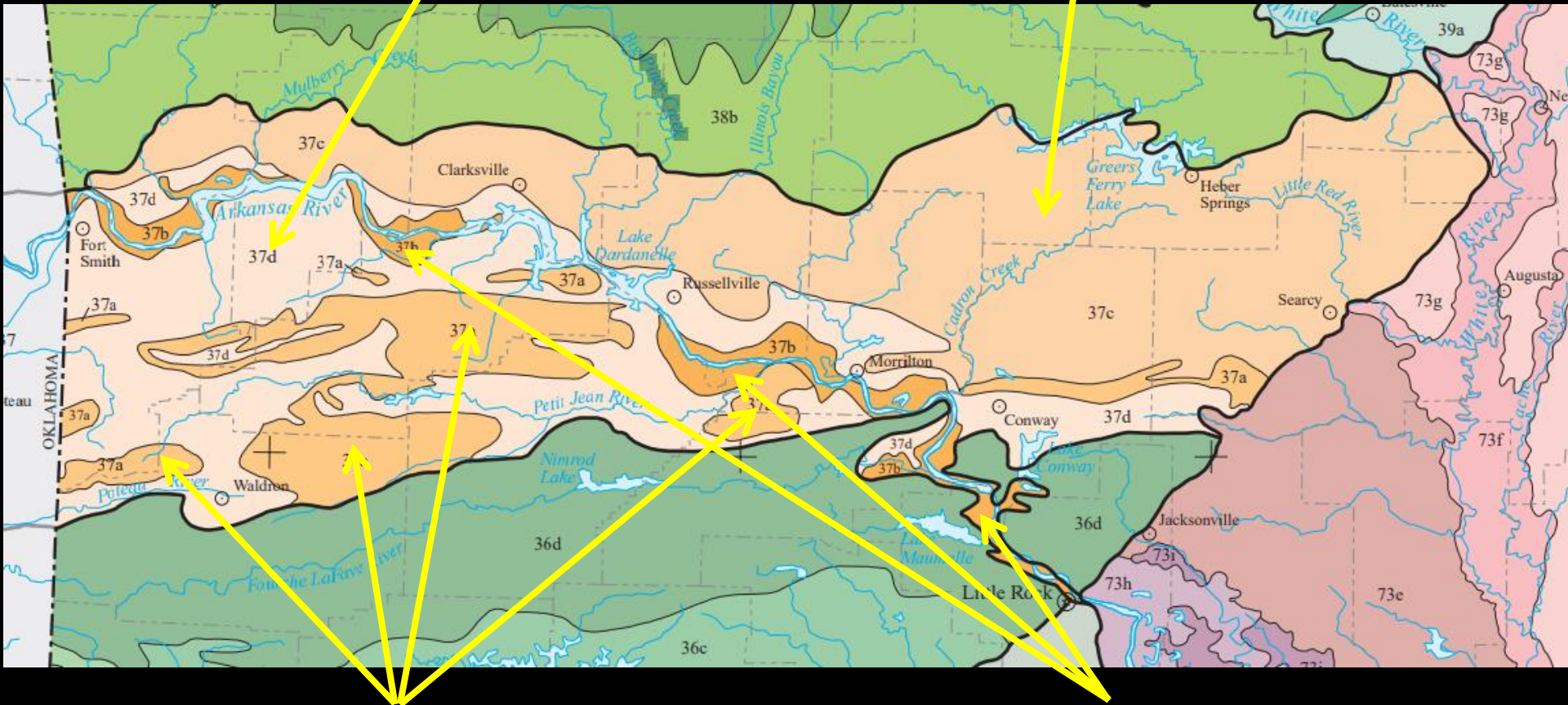


ARKANSAS VALLEY



Arkansas Valley Plains

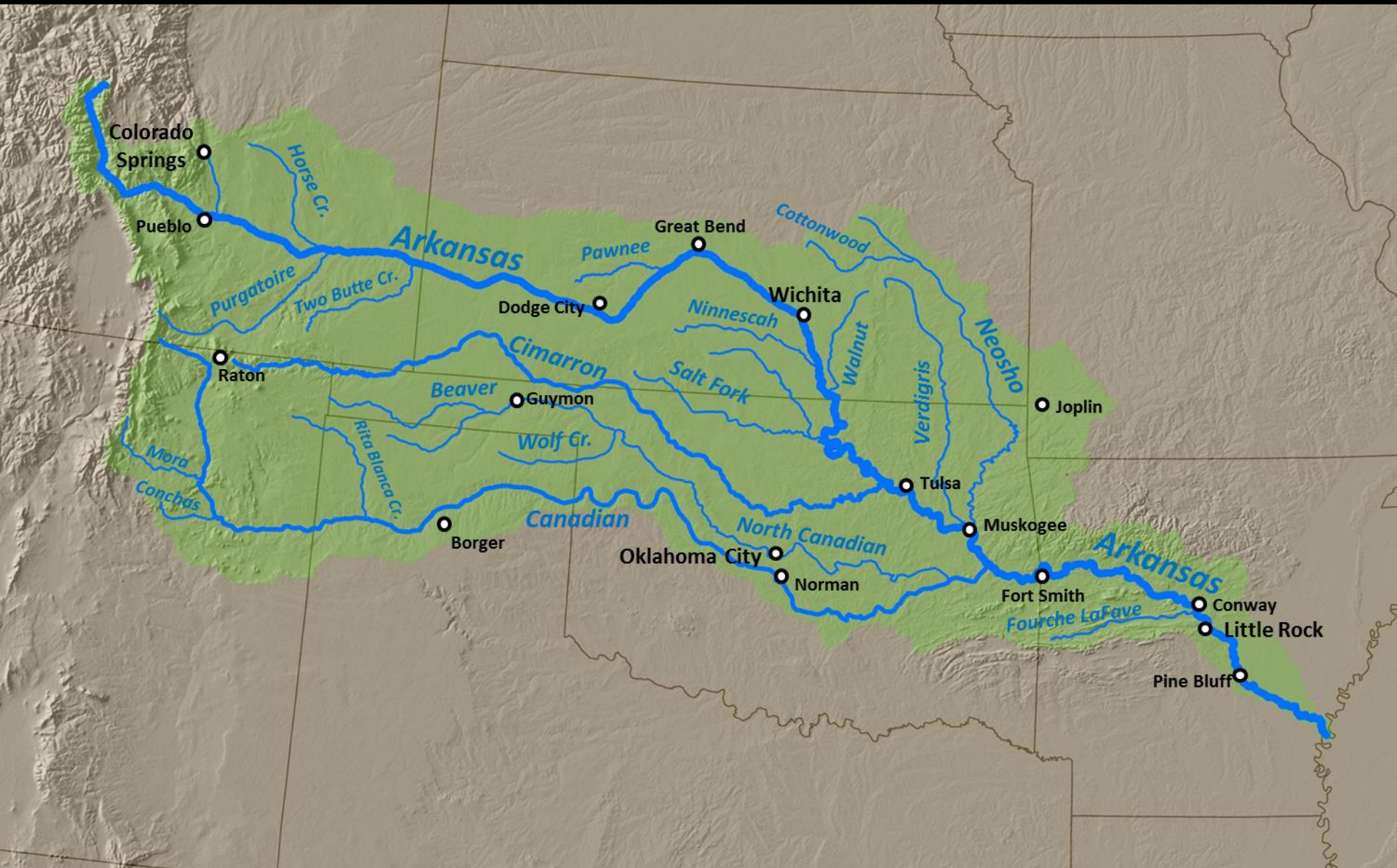
Arkansas Valley Hills



Scattered High Ridges and Mountains

Arkansas River Floodplains

EPA Level IV Ecoregions of the Arkansas Valley





Petit Jean Mountain. Conway County.



Mount Magazine. Logan County.



Photo: Scott Namestik



Photo: Scott Namestik

Quercus acerifolia, G1S1



Mt. Magazine Shagreen
(*Inflectarius magazinensis*)



Calamagrostis porteri Gray
probably subsp. *insperata* (Swallen) C.W. Greene

lacks collar hairs; upper leaf blades
barely scabrous.
Det. C. W. Greene August 1981

SOUTHWEST ARKANSAS
POLK COUNTY

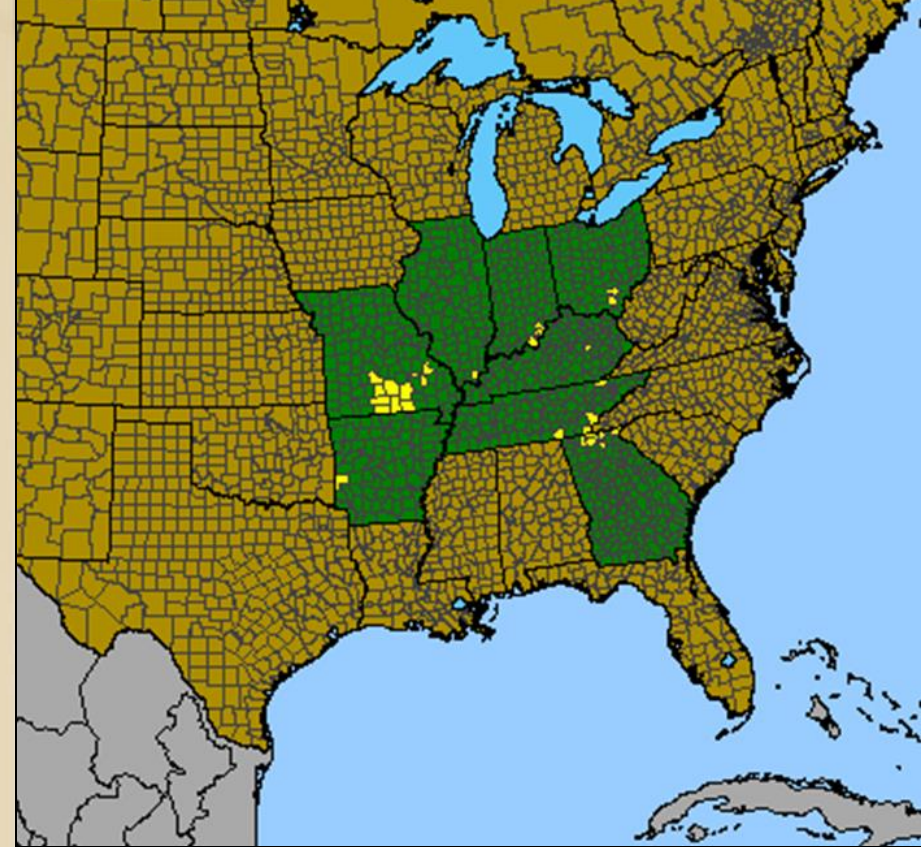
Calamagrostis *INSPERATA*
SWALLEN

DET. E. B. SMITH
1976

OUACHITA MTS.: RICH MOUNTAIN, 1-15 mi.
NW. from MENA. Generally wooded, non-
calcareous (Mississippian Sandstones).
Elev. 1200-2800 feet.

D. M. Moore AUG 31 '49

No. 490512



Ofer Hollow Reed Grass (*Calamagrostis porteri* ssp. *insperata*)

One of the rarest grasses in North America

Was known in Arkansas only from a single 1949 specimen from Rich Mountain – never relocated despite many searches



VOUCHER SPECIMEN
for "Atlas of the Arkansas Vascular Plants"
by Edwin B. Smith 1976

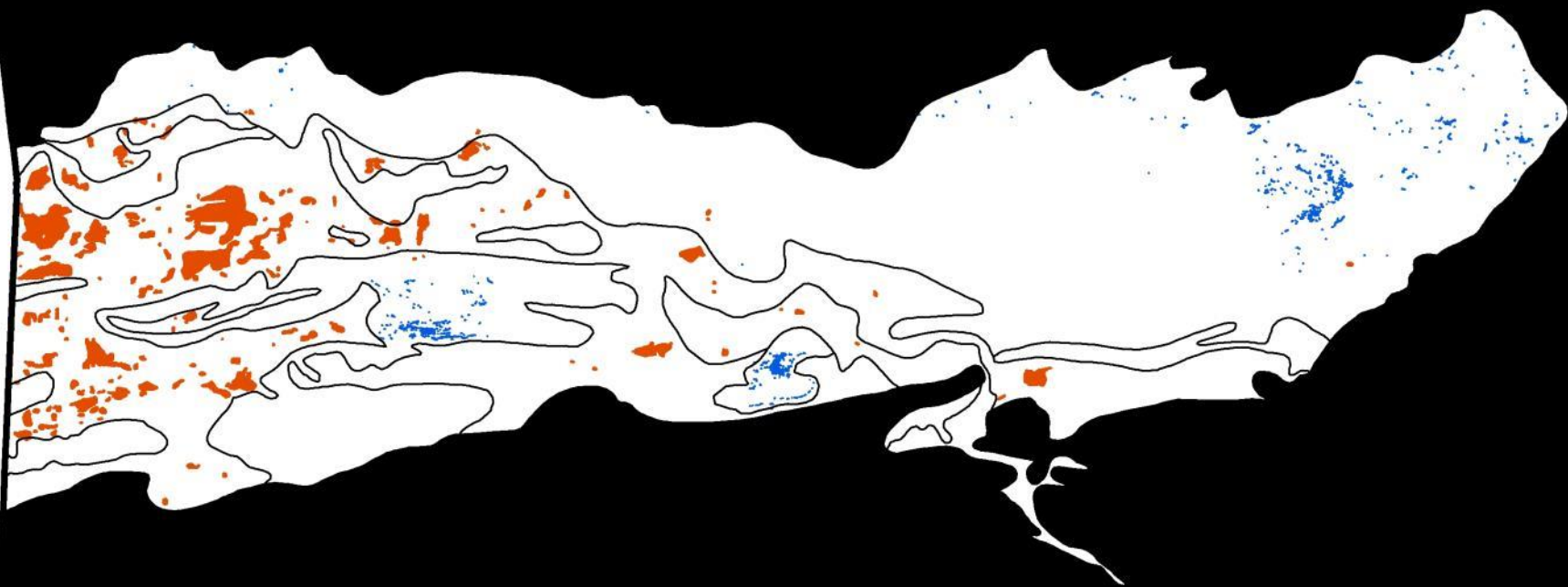
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NW. from MENA. Generally wooded, non-
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Elev. 1200-2800 feet.

D. M. Moore AUG 31 '49 No. 490512



Second population found on Mount Magazine in 2015, and more found in June, 2016.

Both Rich Mountain and Mount Magazine are high elevation “sky island” habitats with cooler temperatures and “relict species “ left over from cooler times long ago.





Craig Fraiser

Tallgrass Prairie (Flanagan Prairie Natural Area, Franklin County, Arkansas)



Photo by Jennifer Akin/ANHC

Tallgrass Prairie (Cherokee Prairie Natural Area, Franklin County)



Photo by Jennifer Akin/ANHC

Tallgrass Prairie (Flanagan Prairie Natural Area, Franklin County)



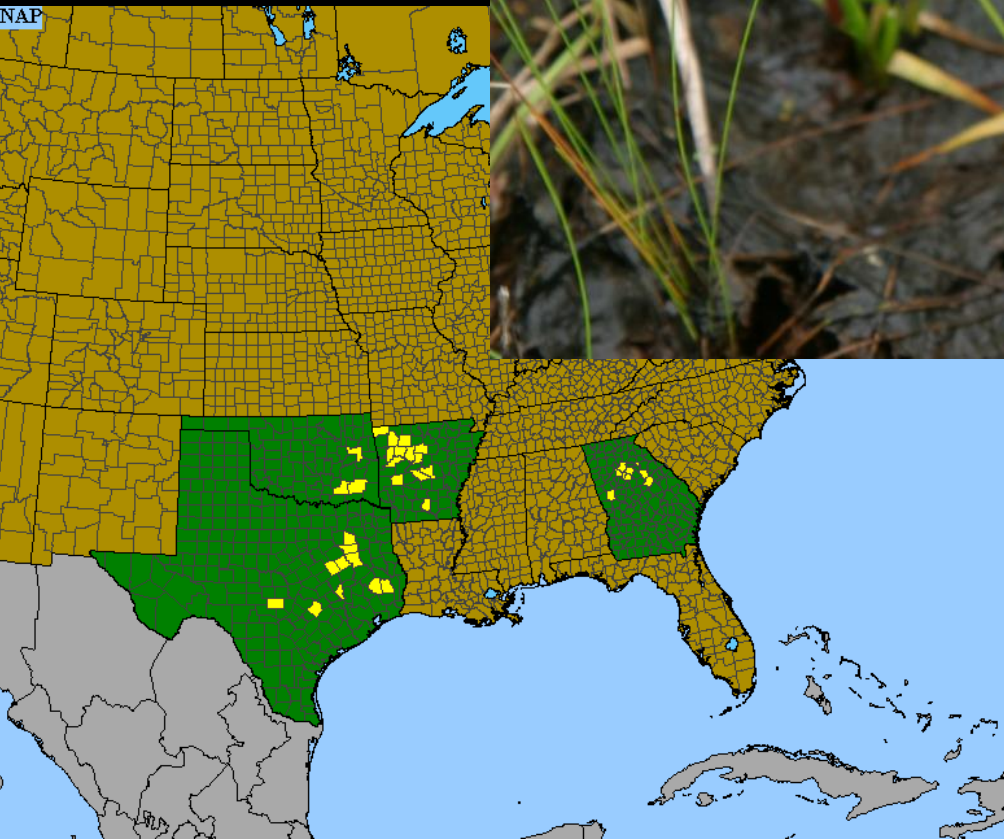
Seepage Prairie. Franklin County.

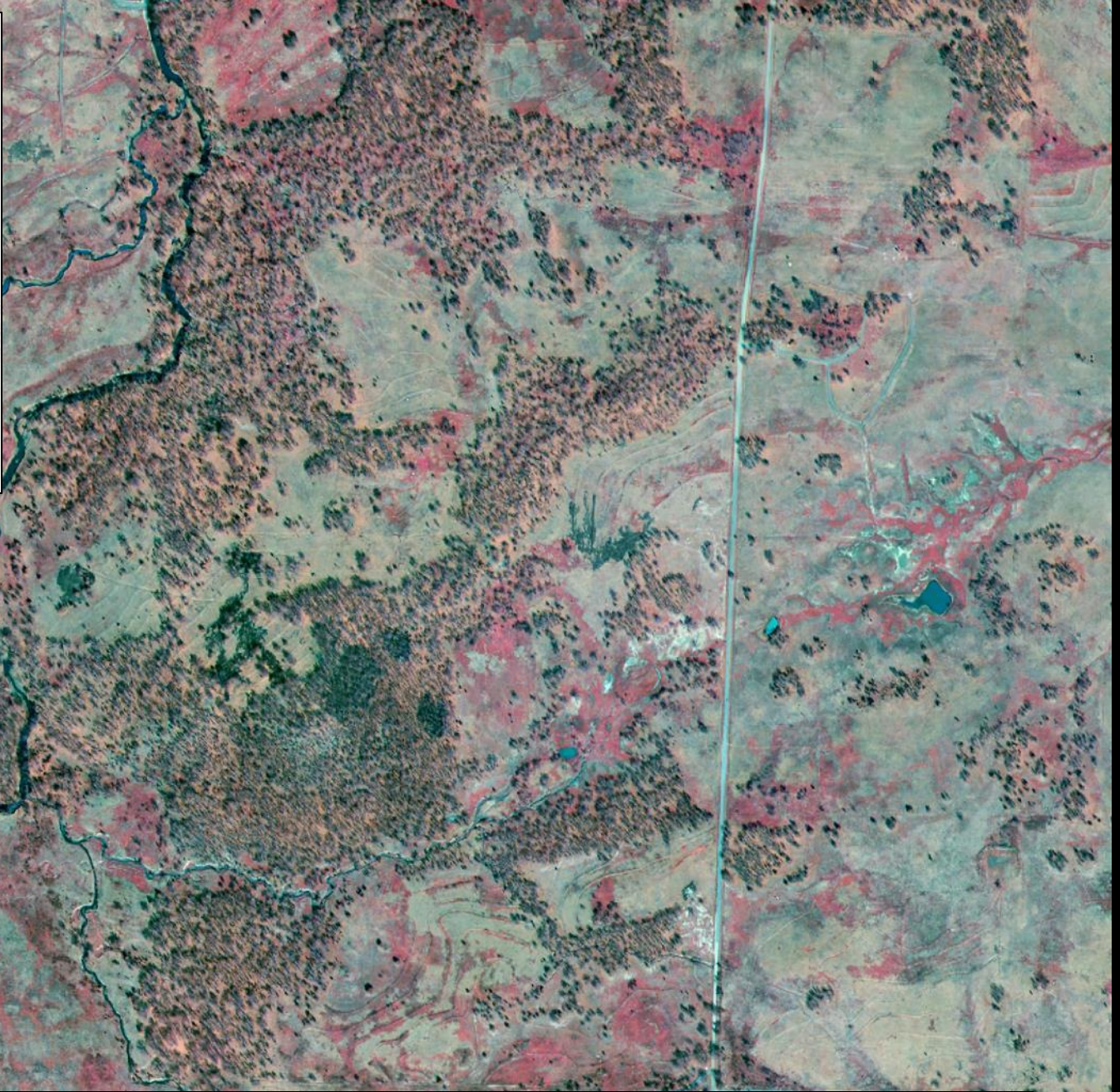


Seepage Prairie. Franklin County.

**Small-headed
Pipewort
(*Eriocaulon
koernickianum*)**

**Habitat: seeps in
prairies, sandstone
glades, & igneous
glades**





Fort Chaffee. Franklin & Sebastian Counties.



Photo: Theo Witsell/ANHC

Oak Savanna, Tallgrass Prairie, and Saline Barrens (Fort Chaffee, Franklin County)







Theo Witsell/ANHC

Surface Cleared Area (Fort Chaffee)



Surface Cleared Area (Fort Chaffee)



Theo Witsell/ANHC

Surface Cleared Area (Fort Chaffee)



MISSISSIPPI ALLUVIAL PLAIN



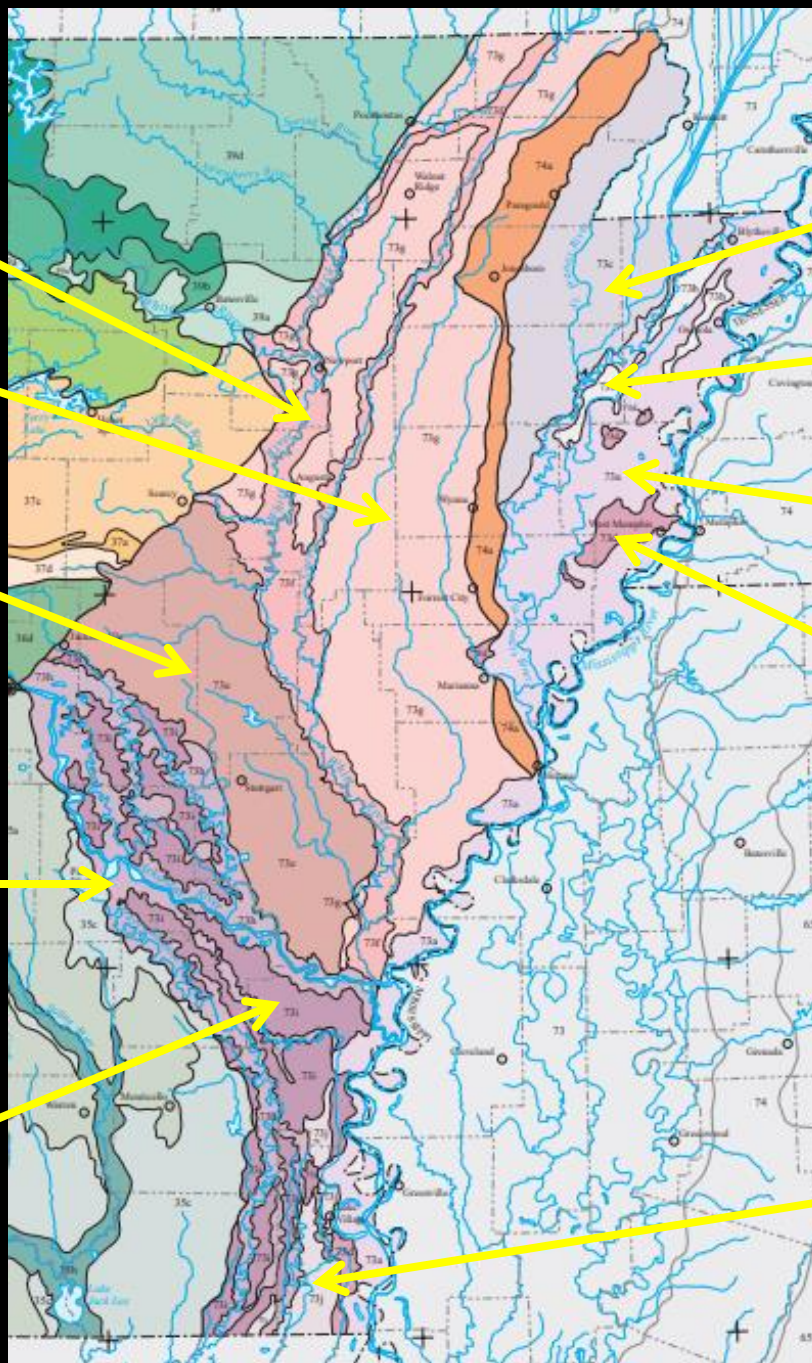
**Western Lowlands
Holocene Meander
Belts**

**Western
Lowlands
Pleistocene
Valley Trains**

**Grand
Prairie**

**Arkansas/Ouachita
River Holocene
Meander Belts**

**Arkansas/Ouachita
River
Backswamps**



St. Francis Lowlands

**Northern Pleistocene
Valley Trains**

**Northern Holocene
Meander Belts**

**Northern
Backswamps**

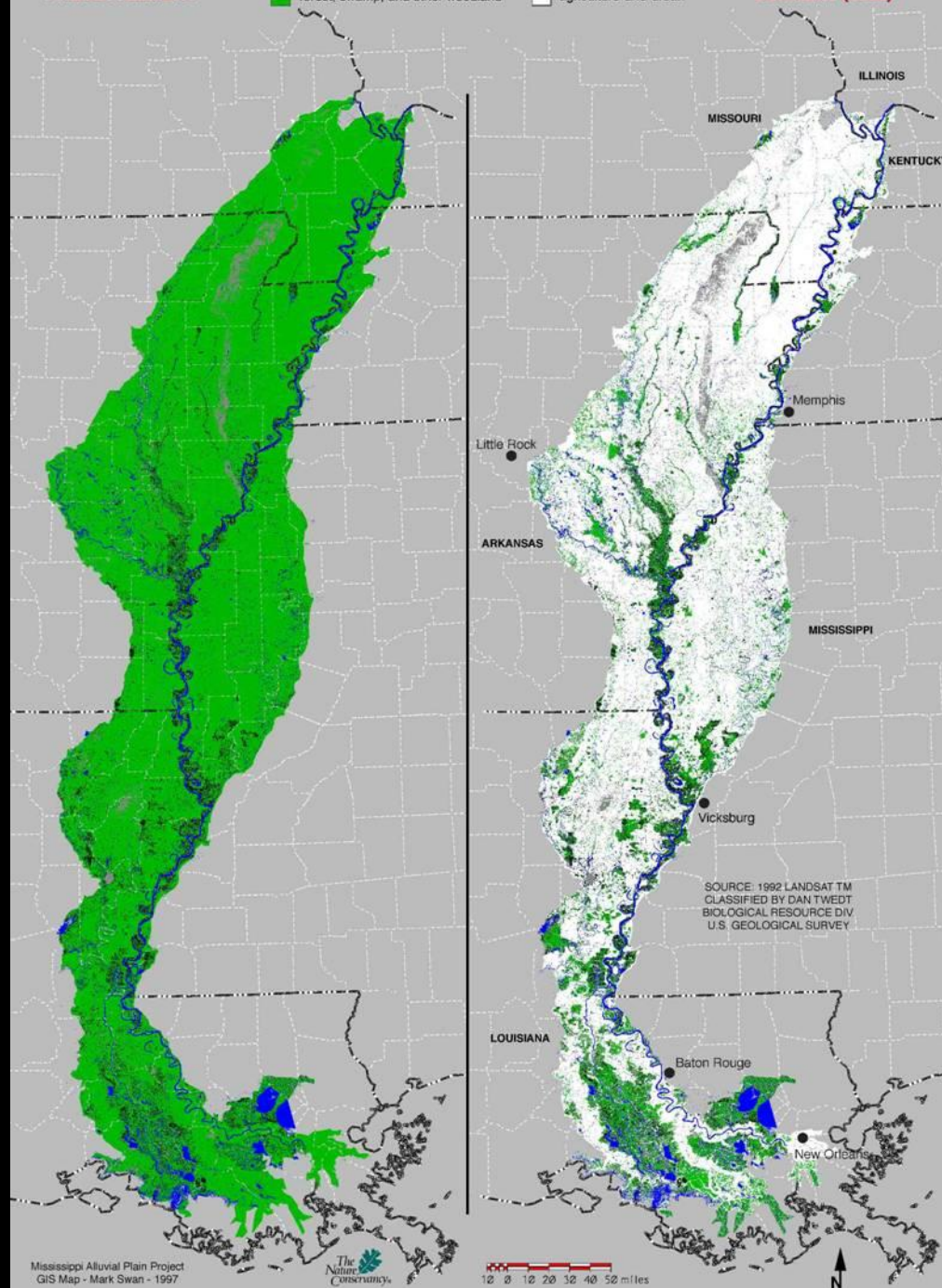
Macon Ridge

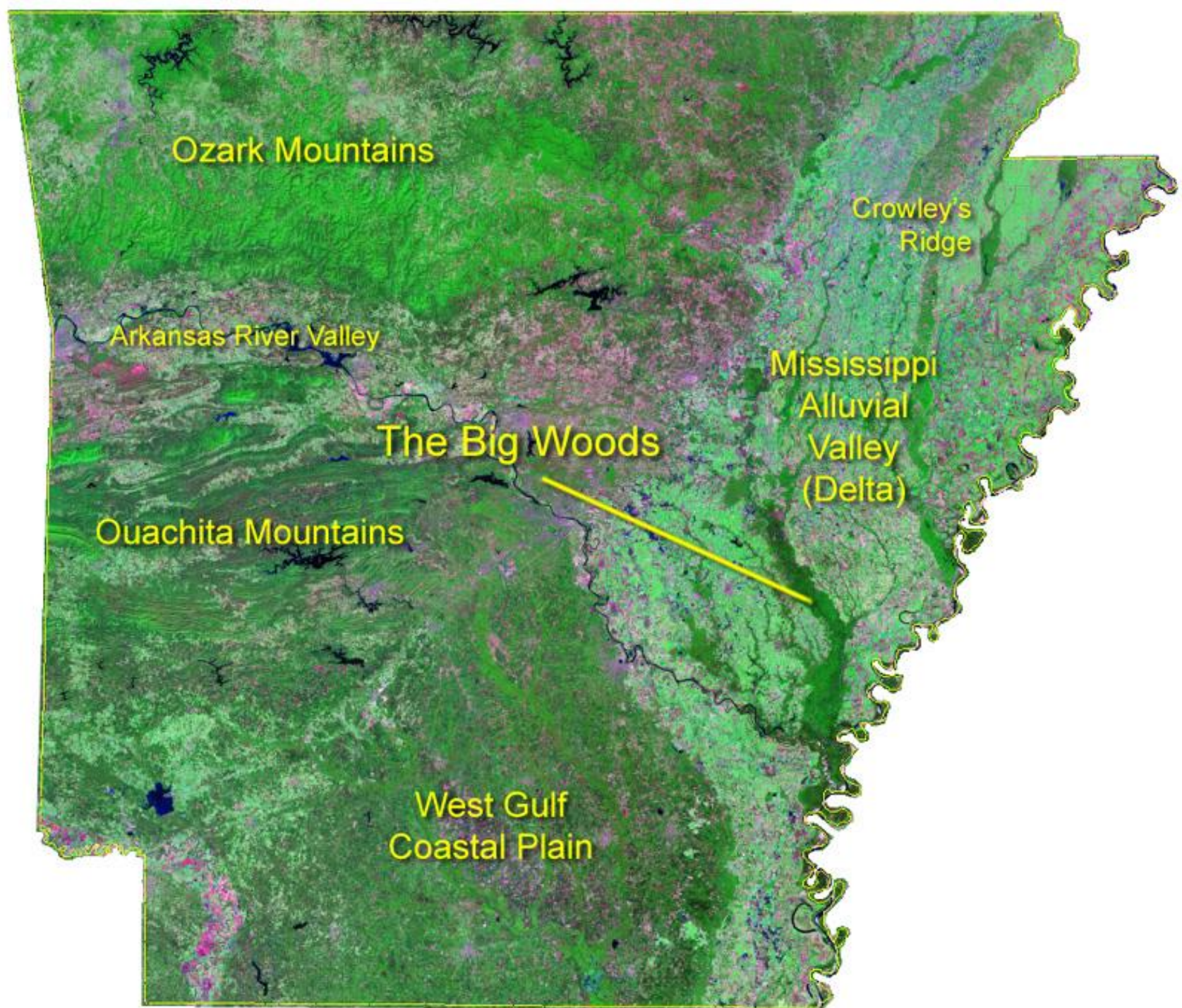
PRESETTLEMENT

LAND COVER on the MISSISSIPPI RIVER ALLUVIAL PLAIN

■ forest, swamp, and other woodland ■ agriculture and urban

CURRENT (1992)

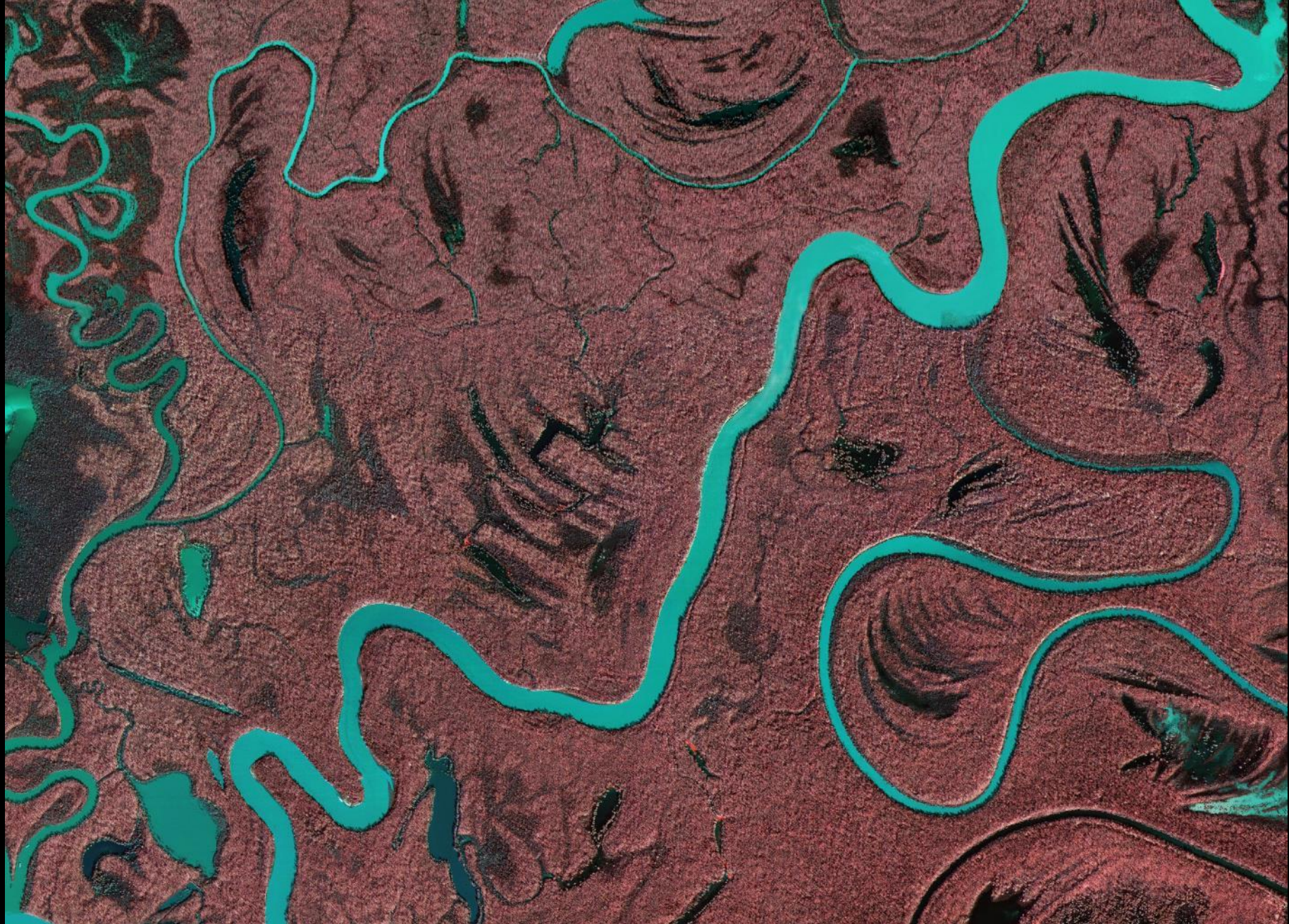




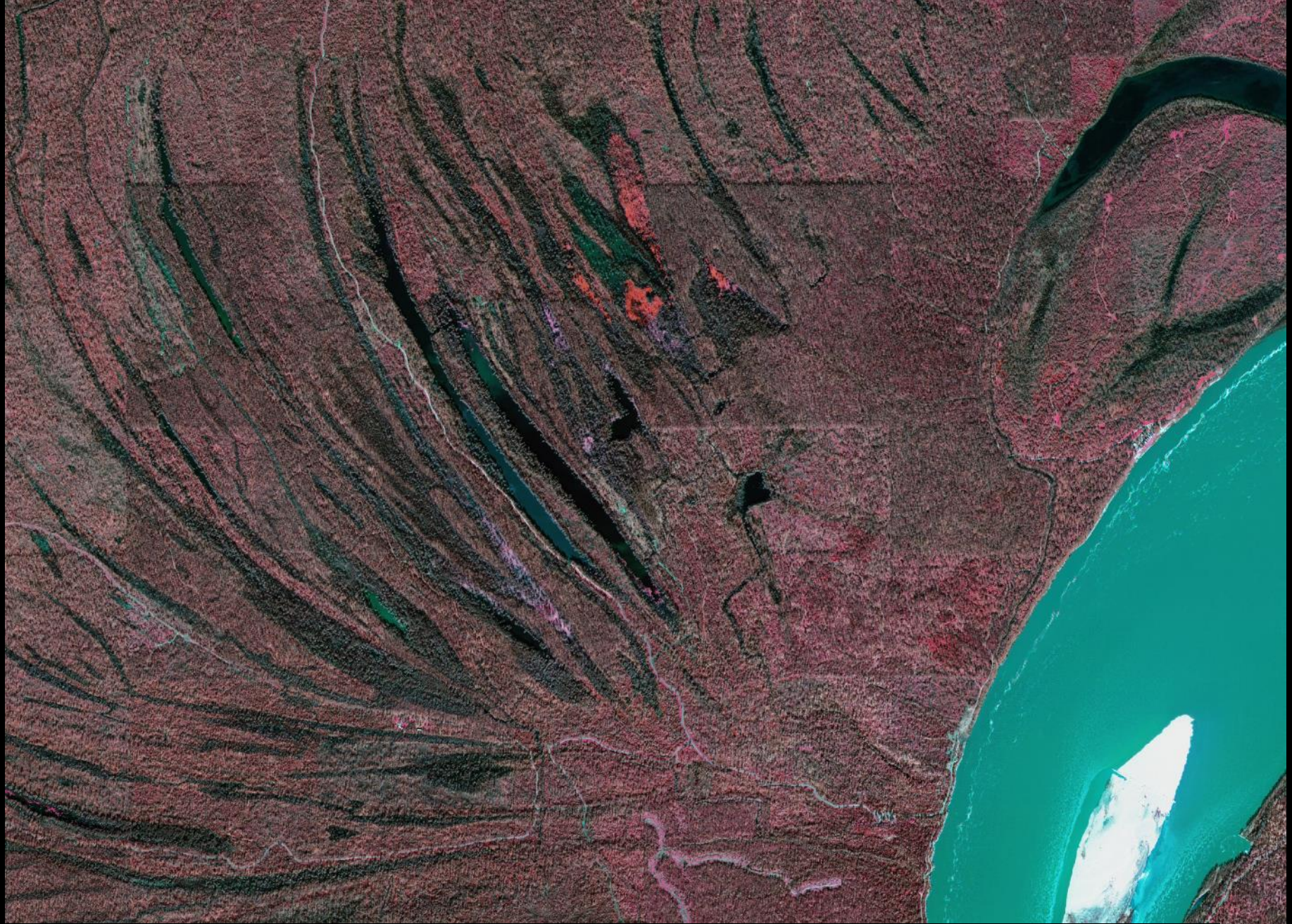


The Big Woods. Mississippi Alluvial Plain.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



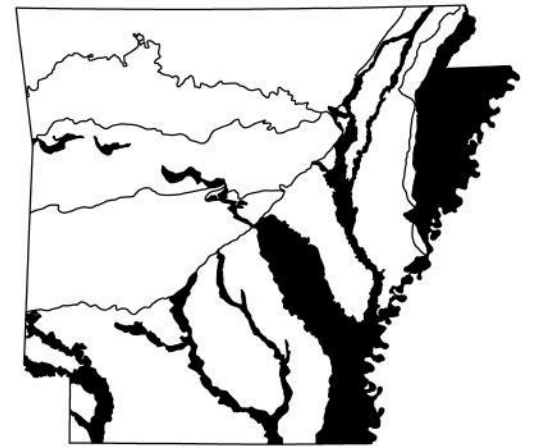
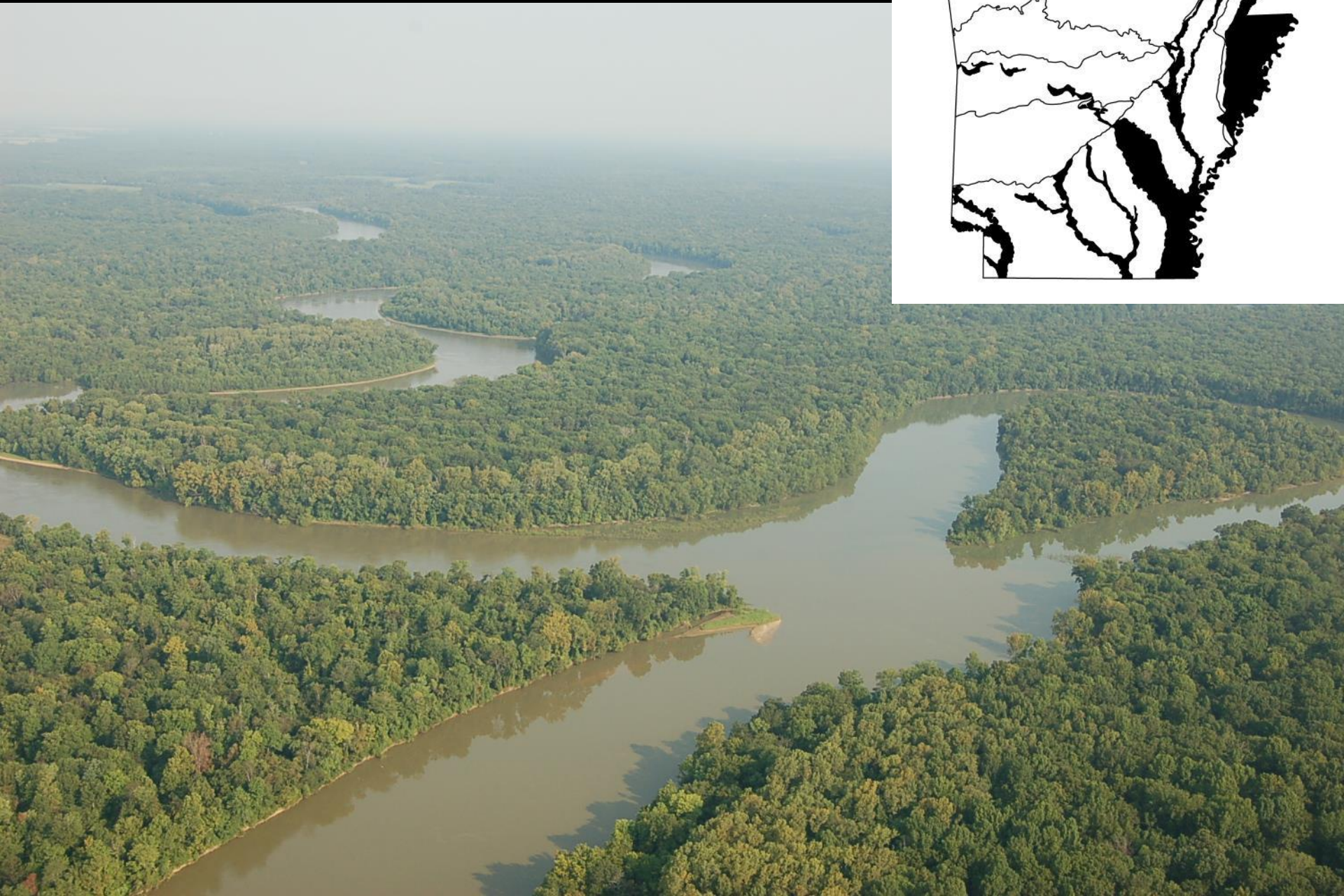
White River National Wildlife Refuge. Arkansas, Desha, & Phillips Counties.



Mississippi River. Desha County.



Former Hardwood Forest. Chicot County.







Arkansas Natural Heritage Commission



Badgerboy (via Panoramio)



Don Bragg

Cow Oak
(*Quercus*
michauxii)

Honeylocust
(*Gleditsia*
triacanthos)

Nuttall Oak
(*Quercus*
texana)



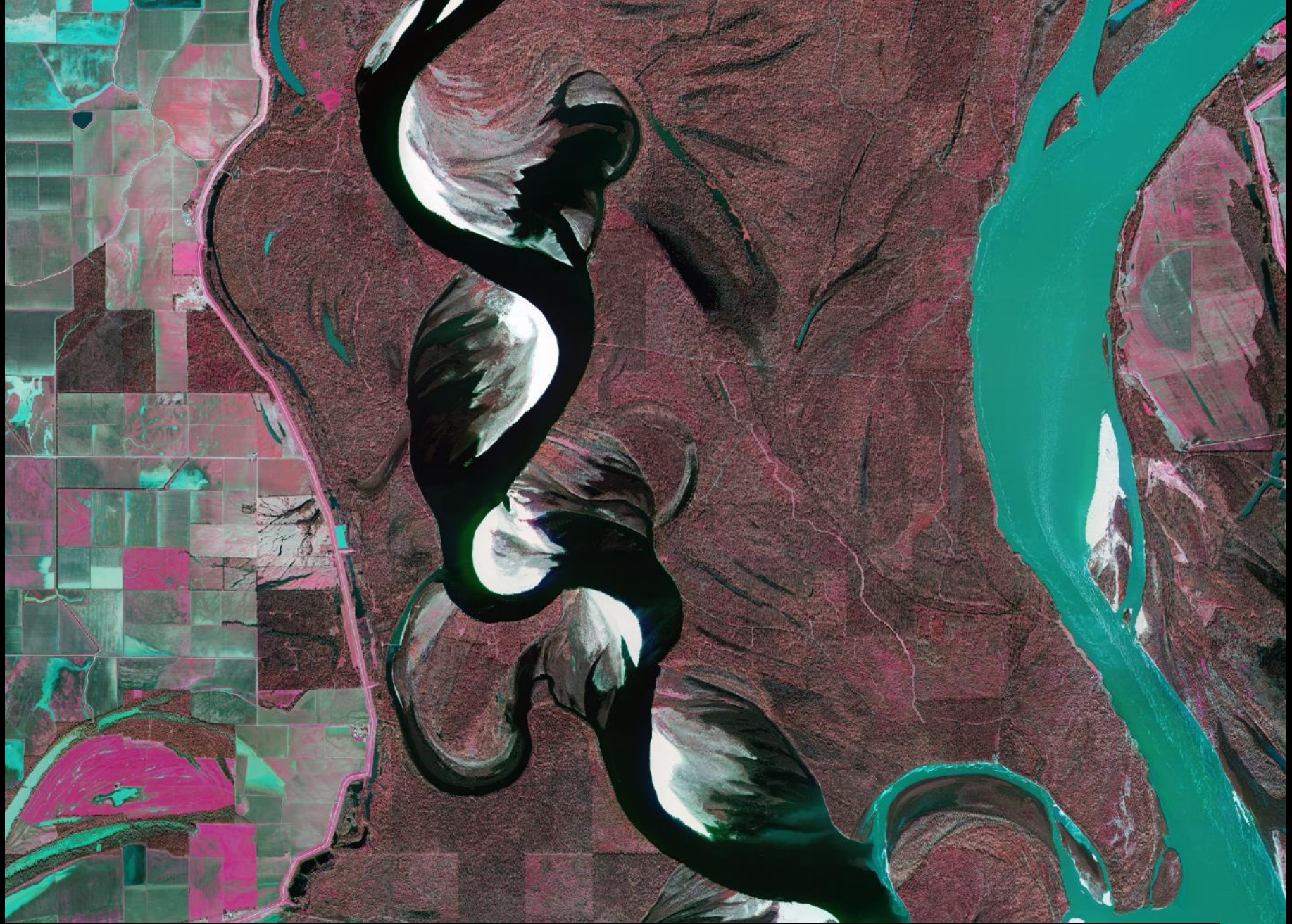
Arkansas Natural Heritage Commission



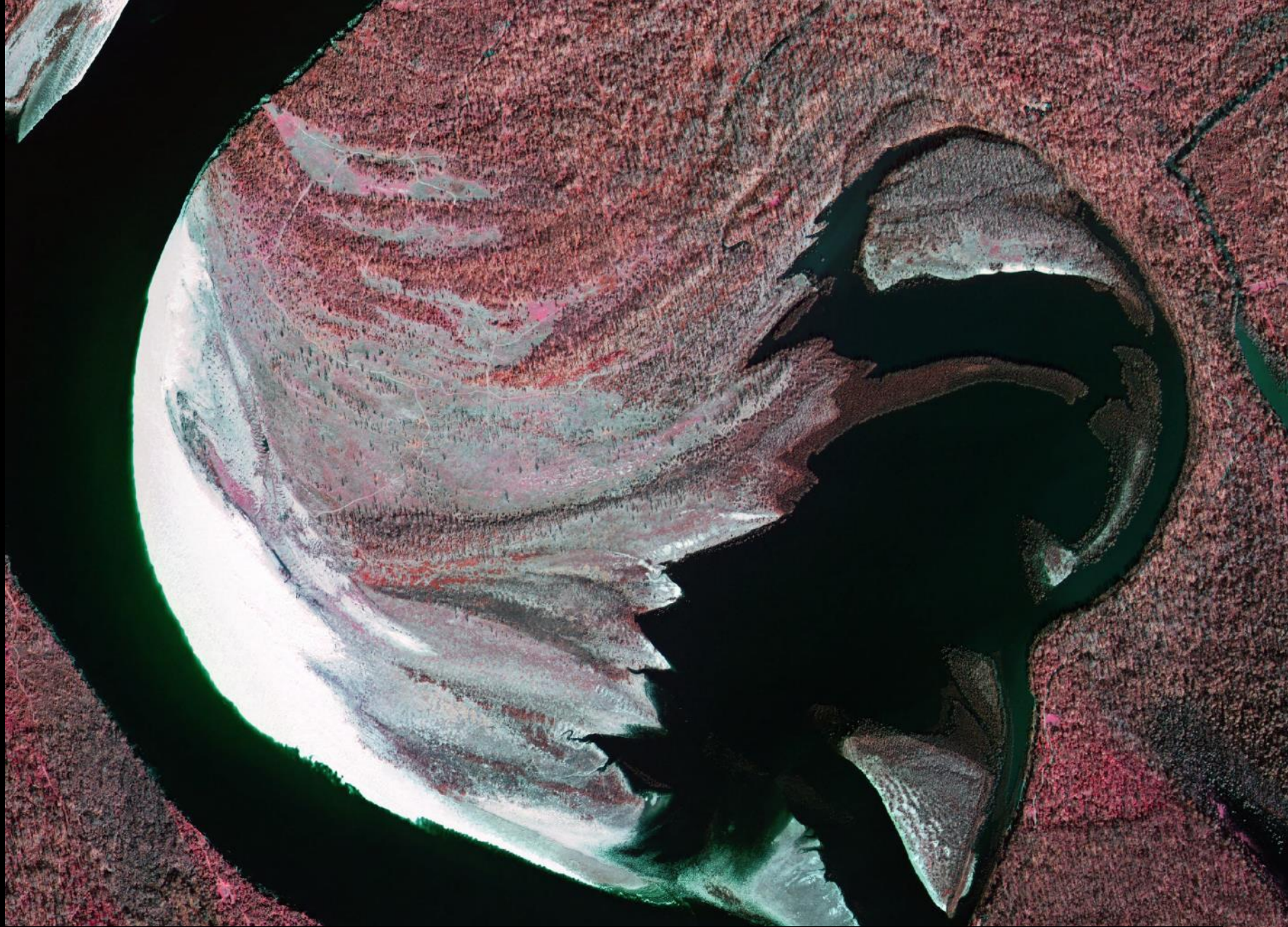
Don Bragg



Don Bragg



Lower Arkansas River. Desha County.



Lower Arkansas River. Desha County.



Choctaw Bar Island. Mississippi River. Desha County.



Choctaw Bar Island. Mississippi River. Desha County.



Red River Sandbar



Dalea lanata var. *lanata*



Loefflingia squarrosa



Heliotropium convolvulaceum



Bergia texana

Chris Reid

10894

THE SANDBAR IN ARKANSAS RIVER, LITTLE ROCK, ARK.
BIG ROCK AND PULASKI HEIGHTS IN THE DISTANCE.



View of the Arkansas River circa 1900, showing Baring Cross Railroad Bridge with a large sandbar in the background



Theo Witsell/ANHC

Same view in 2013 showing deeper water and no sandbar

10894

THE SANDBAR IN ARKANSAS RIVER, LITTLE ROCK, ARK.
BIG ROCK AND PULASKI HEIGHTS IN THE DISTANCE.



View of the Arkansas River circa 1900, showing Baring Cross Railroad Bridge with a large sandbar in the background



Theo Witsell/ANHC

Same view in 2013 showing deeper water and no sandbar

Western Sand Darter (*Ammocrypta clara*)



IMAGE HOSTED BY
GALLERY.NANFA.ORG

Lance Merry

Pallid sturgeon (*Scaphirhynchus albus*)



IMAGE HOSTED BY
GALLERY.NANFA.ORG

Lance Merry

Paddlefish (*Polyodon spathula*)





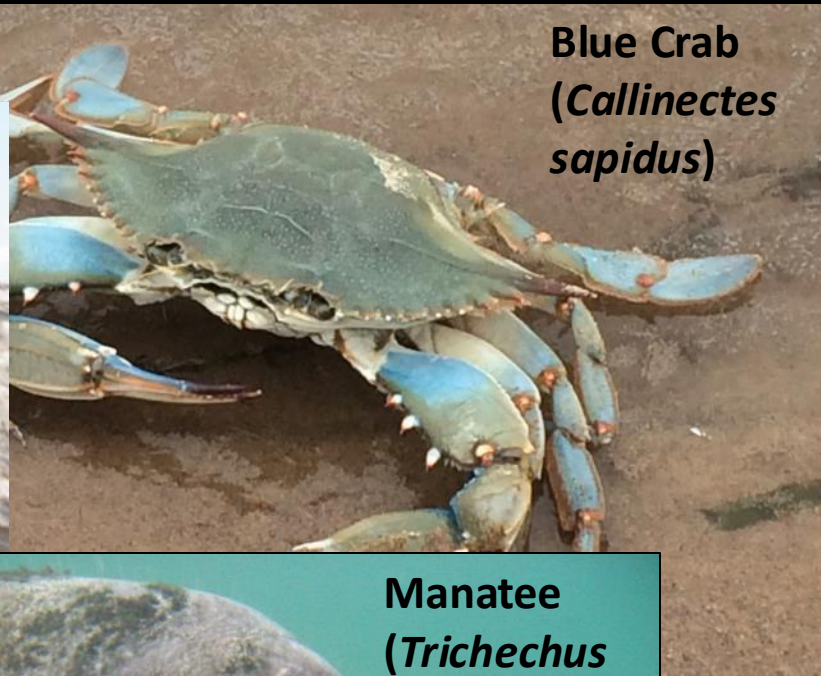
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**Striped
Mullet
(*Mugil
cephalus*)**

Jason Throneberry/ANHC



**Blue Crab
(*Callinectes
sapidus*)**



**Manatee
(*Trichechus
manatus*)**

Larry Master/www.masterimages.org

MasterImages



Bull Shark (*Carcharhinus leucas*)

Jim Rathert/Missouri Dept. Conservation



ANHC



Theo Witsell/ANHC

Jim Weber/AP



Photo: Brent Baker

Herbaceous Marsh

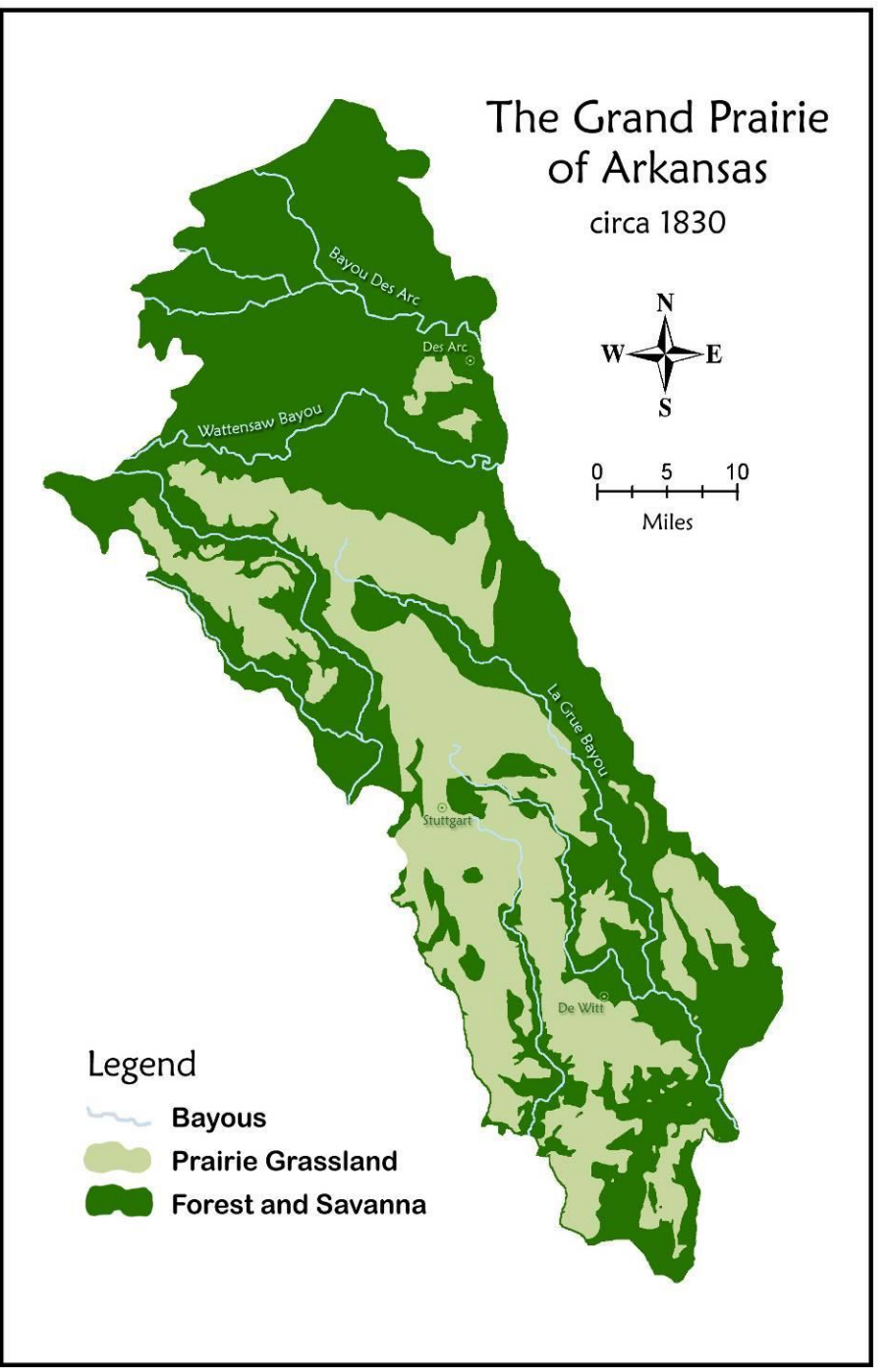
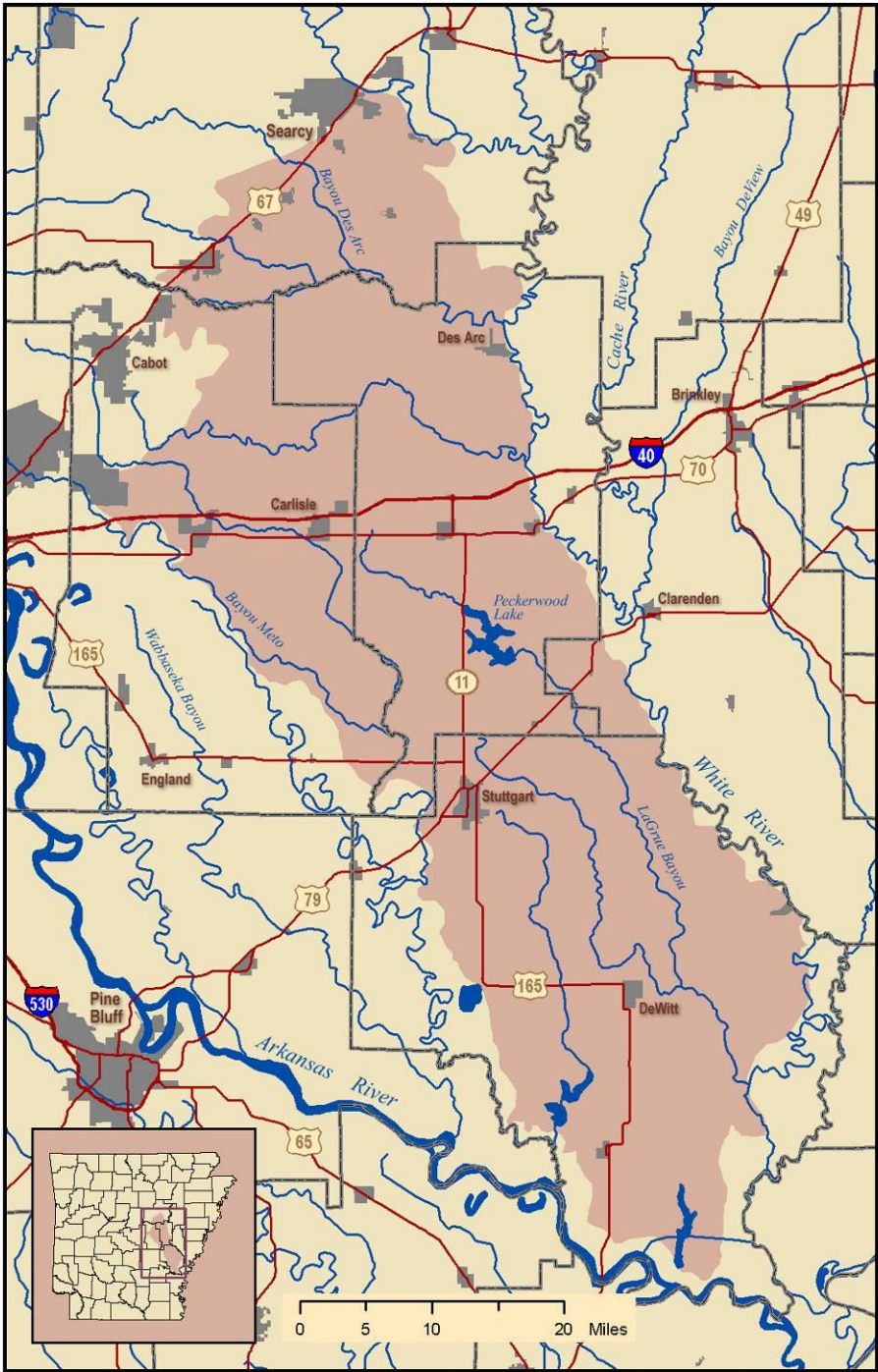




Photo courtesy of ANHC



Photo by John Pelton







Photo courtesy of
Center for Plant
Conservation

Crataegus x canescens (Stern's medlar)

