



**U.S. FISH AND WILDLIFE SERVICE  
OKLAHOMA ECOLOGICAL SERVICES FIELD OFFICE**



**COUNTY OCCURRENCES OF OKLAHOMA  
FEDERALLY-LISTED ENDANGERED, THREATENED,  
PROPOSED AND CANDIDATE SPECIES**

**October 17, 2007**

<u>COUNTY</u>	<u>SPECIES</u>	<u>CLASSIFICATION</u>
Adair	American burying beetle <sup>(1, A)</sup>	Endangered
	gray bat	Endangered
	Indiana bat	Endangered
	interior least tern <sup>(7)</sup>	Endangered
	Ozark big-eared bat	Endangered
	piping plover <sup>(10)</sup>	Threatened
	Neosho mucket mussel	Candidate
Alfalfa	interior least tern <sup>(6, 7)</sup>	Endangered
	whooping crane <sup>(8c, 9)</sup>	Endangered, Critical habitat designated
	piping plover <sup>(10)</sup>	Threatened
	lesser prairie chicken <sup>(12)</sup>	Candidate, Warranted but precluded
Atoka	American burying beetle <sup>(1, B)</sup>	Endangered
	interior least tern <sup>(7)</sup>	Endangered
	whooping crane <sup>(9)</sup>	Endangered
	piping plover <sup>(10)</sup>	Threatened
Beaver	interior least tern <sup>(7)</sup>	Endangered
	whooping crane <sup>(8c, 9)</sup>	Endangered
	Arkansas River shiner	Threatened, Critical habitat designated
	piping plover <sup>(10)</sup>	Threatened
	Arkansas darter	Candidate
lesser prairie chicken <sup>(11)</sup>	Candidate, Warranted but precluded	
Beckham	whooping crane <sup>(9)</sup>	Endangered
	interior least tern <sup>(7)</sup>	Endangered
	piping plover <sup>(10)</sup>	Threatened
	lesser prairie chicken <sup>(11)</sup>	Candidate, Warranted but precluded
Blaine	black-capped vireo <sup>(4, 5)</sup>	Endangered
	interior least tern <sup>(6, 7)</sup>	Endangered
	whooping crane <sup>(8c, 9)</sup>	Endangered
	Arkansas River shiner	Threatened, Critical habitat designated
	piping plover <sup>(10)</sup>	Threatened
lesser prairie chicken <sup>(12)</sup>	Candidate, Warranted but precluded	
Bryan	American burying beetle <sup>(1, B)</sup>	Endangered
	interior least tern <sup>(6, 7)</sup>	Endangered
	whooping crane <sup>(8h)</sup>	Endangered
	piping plover <sup>(10)</sup>	Threatened
Caddo	black-capped vireo <sup>(5)</sup>	Endangered
	interior least tern <sup>(6, 7)</sup>	Endangered

	whooping crane <sup>(8c, 9)</sup> Arkansas River shiner piping plover <sup>(10)</sup> lesser prairie chicken <sup>(12)</sup>	Endangered Threatened, Critical habitat designated Threatened Candidate, Warranted but precluded
Canadian	black-capped vireo <sup>(5)</sup> Eskimo curlew interior least tern <sup>(6, 7)</sup> whooping crane <sup>(8c, 9)</sup> Arkansas River shiner piping plover <sup>(10)</sup> lesser prairie chicken <sup>(12)</sup>	Endangered Endangered, Possibly extinct Endangered Endangered Threatened, Critical habitat designated Threatened Candidate, Warranted but precluded
Carter	whooping crane <sup>(9)</sup> interior least tern <sup>(7)</sup> piping plover <sup>(10)</sup>	Endangered Endangered Threatened
Cherokee	American burying beetle <sup>(1, B)</sup> gray bat Ozark big-eared bat interior least tern <sup>(7)</sup> piping plover <sup>(10)</sup> Arkansas darter Neosho mucket mussel	Endangered Endangered Endangered Endangered Threatened Candidate Candidate
Choctaw	American burying beetle <sup>(1, B)</sup> interior least tern <sup>(6, 7)</sup> scaleshell mussel winged mapleleaf mussel eastern prairie fringed orchid piping plover <sup>(10)</sup>	Endangered Endangered Endangered Endangered Threatened, Likely extirpated Threatened
Cimarron	interior least tern <sup>(7)</sup> piping plover <sup>(10)</sup> lesser prairie chicken <sup>(11)</sup>	Endangered Threatened Candidate, Warranted but precluded
Cleveland	black-capped vireo <sup>(4, 5)</sup> interior least tern <sup>(6, 7)</sup> whooping crane <sup>(8c, 9)</sup> Arkansas River shiner piping plover <sup>(10)</sup>	Endangered Endangered Endangered Threatened, Critical habitat designated Threatened
Coal	American burying beetle <sup>(1, B)</sup> interior least tern <sup>(7)</sup> whooping crane <sup>(9)</sup> piping plover <sup>(10)</sup>	Endangered Endangered Endangered Threatened
Comanche	black-capped vireo <sup>(4, 5)</sup> interior least tern <sup>(6, 7)</sup> whooping crane <sup>(8c, 9)</sup> piping plover <sup>(10)</sup> lesser prairie chicken <sup>(12)</sup>	Endangered Endangered Endangered Threatened Candidate, Warranted but precluded
Cotton	black-capped vireo <sup>(5)</sup> interior least tern <sup>(6, 7)</sup> whooping crane <sup>(8c, 9)</sup>	Endangered Endangered Endangered



	lesser prairie chicken <sup>(12)</sup>	Candidate, Warranted but precluded
Grant	whooping crane <sup>(8c, 9)</sup> interior least tern <sup>(7)</sup> piping plover <sup>(10)</sup> lesser prairie chicken <sup>(12)</sup>	Endangered Endangered Threatened Candidate, Warranted but precluded
Greer	whooping crane <sup>(8c, 9)</sup> interior least tern <sup>(7)</sup> piping plover <sup>(10)</sup> lesser prairie chicken <sup>(12)</sup>	Endangered Endangered Threatened Candidate, Warranted but precluded
Harmon	interior least tern <sup>(6, 7)</sup> whooping crane <sup>(9)</sup> piping plover <sup>(10)</sup> lesser prairie chicken <sup>(12)</sup>	Endangered Endangered Threatened Candidate, Warranted but precluded
Harper	interior least tern <sup>(6, 7)</sup> whooping crane <sup>(9)</sup> Arkansas River shiner piping plover <sup>(10)</sup> Arkansas darter lesser prairie chicken <sup>(11)</sup>	Endangered Endangered Threatened, Critical habitat designated Threatened Candidate Candidate, Warranted but precluded
Haskell	American burying beetle <sup>(1, B)</sup> interior least tern <sup>(6, 7)</sup> piping plover <sup>(10)</sup>	Endangered Endangered Threatened
Hughes	American burying beetle <sup>(1, B)</sup> interior least tern <sup>(6, 7)</sup> whooping crane <sup>(9)</sup> Arkansas River shiner piping plover <sup>(10)</sup>	Endangered Endangered Endangered Threatened, Critical habitat designated Threatened
Jackson	interior least tern <sup>(6, 7)</sup> whooping crane <sup>(8c, 9)</sup> piping plover <sup>(10)</sup> lesser prairie chicken <sup>(12)</sup>	Endangered Endangered Threatened Candidate, Warranted but precluded
Jefferson	interior least tern <sup>(6, 7)</sup> whooping crane <sup>(8c, 9)</sup> piping plover <sup>(10)</sup> lesser prairie chicken <sup>(12)</sup>	Endangered Endangered Threatened Candidate, Warranted but precluded
Johnston	American burying beetle <sup>(2, B)</sup> interior least tern <sup>(6, 7)</sup> whooping crane <sup>(9)</sup> piping plover <sup>(10)</sup>	Endangered Endangered Endangered Threatened
Kay	interior least tern <sup>(6, 7)</sup> whooping crane <sup>(8c, 9)</sup> piping plover <sup>(10)</sup>	Endangered Endangered Threatened
Kingfisher	interior least tern <sup>(6, 7)</sup> whooping crane <sup>(8c, 9)</sup> Arkansas River shiner	Endangered Endangered Threatened, Critical habitat designated



	piping plover <sup>(10)</sup>	Threatened
McCurtain	American burying beetle <sup>(1, B)</sup> interior least tern <sup>(6, 7)</sup> Ouachita rock pocketbook mussel red-cockaded woodpecker scaleshell mussel winged mapleleaf mussel American alligator leopard darter piping plover <sup>(10)</sup>	Endangered Endangered Endangered Endangered Endangered Endangered Threatened, Similarity of appearance Threatened, Critical habitat designated Threatened
McIntosh	American burying beetle <sup>(1, B)</sup> interior least tern <sup>(6, 7)</sup> whooping crane <sup>(9)</sup> Arkansas River shiner piping plover <sup>(10)</sup>	Endangered Endangered Endangered Threatened, Critical habitat designated Threatened
Murray	interior least tern <sup>(6, 7)</sup> whooping crane <sup>(9)</sup> piping plover <sup>(10)</sup>	Endangered Endangered Threatened
Muskogee	American burying beetle <sup>(1, B)</sup> gray bat <sup>(3)</sup> interior least tern <sup>(6, 7)</sup> whooping crane <sup>(8h)</sup> piping plover <sup>(10)</sup>	Endangered Endangered Endangered Endangered Threatened
Noble	interior least tern <sup>(6, 7)</sup> whooping crane <sup>(8)</sup> piping plover <sup>(10)</sup>	Endangered Endangered Threatened
Nowata	American burying beetle <sup>(1, B)</sup> interior least tern <sup>(7)</sup> piping plover <sup>(10)</sup> Neosho mucket mussel	Endangered Endangered Threatened Candidate
Okfuskee	American burying beetle <sup>(1, A)</sup> interior least tern <sup>(7)</sup> whooping crane <sup>(9)</sup> piping plover <sup>(10)</sup>	Endangered Endangered Endangered Threatened
Oklahoma	interior least tern <sup>(6, 7)</sup> whooping crane <sup>(8c, 9)</sup> piping plover <sup>(10)</sup>	Endangered Endangered Threatened
Okmulgee	American burying beetle <sup>(1, A)</sup> interior least tern <sup>(7)</sup> whooping crane <sup>(9)</sup> piping plover <sup>(10)</sup>	Endangered Endangered Endangered Threatened
Osage	American burying beetle <sup>(1, B)</sup> Eskimo curlew interior least tern <sup>(6, 7)</sup> whooping crane <sup>(8c, 9)</sup> piping plover <sup>(10)</sup>	Endangered Endangered, Possibly extinct Endangered Endangered Threatened

	Neosho mucket mussel	Candidate
Ottawa	American burying beetle <sup>(1, A)</sup> gray bat interior least tern <sup>(7)</sup> Ozark big-eared bat winged mapleleaf mussel Neosho madtom Ozark cavefish piping plover <sup>(10)</sup> Arkansas darter Neosho mucket mussel	Endangered Endangered Endangered Endangered Endangered Threatened Threatened Threatened Candidate Candidate
Pawnee	American burying beetle <sup>(2, A)</sup> interior least tern <sup>(6, 7)</sup> whooping crane <sup>(8c, 9)</sup> piping plover <sup>(10)</sup>	Endangered Endangered Endangered Threatened
Payne	interior least tern <sup>(6, 7)</sup> whooping crane <sup>(8c, 9)</sup> piping plover <sup>(10)</sup>	Endangered Endangered Threatened
Pittsburg	American burying beetle <sup>(1, B)</sup> interior least tern <sup>(6, 7)</sup> Arkansas River shiner piping plover <sup>(10)</sup>	Endangered Endangered Threatened, Critical habitat designated Threatened
Pontotoc	American burying beetle <sup>(2, A)</sup> interior least tern <sup>(6, 7)</sup> whooping crane <sup>(9)</sup> Arkansas River shiner piping plover <sup>(10)</sup>	Endangered Endangered Endangered Threatened, Critical habitat designated Threatened
Pottawatomie	interior least tern <sup>(6, 7)</sup> whooping crane <sup>(9)</sup> Arkansas River shiner piping plover <sup>(10)</sup>	Endangered Endangered Threatened, Critical habitat designated Threatened
Pushmataha	American burying beetle <sup>(1, B)</sup> Indiana bat interior least tern <sup>(7)</sup> Ouachita rock pocketbook mussel red-cockaded woodpecker scaleshell mussel winged mapleleaf mussel leopard darter piping plover <sup>(10)</sup>	Endangered Endangered Endangered Endangered Endangered Endangered Threatened, Critical habitat designated Threatened
Roger Mills	interior least tern <sup>(6, 7)</sup> whooping crane <sup>(9)</sup> Arkansas River shiner piping plover <sup>(10)</sup> lesser prairie chicken <sup>(11)</sup>	Endangered Endangered Threatened Threatened Candidate, Warranted but precluded
Rogers	American burying beetle <sup>(1, B)</sup> interior least tern <sup>(6, 7)</sup>	Endangered Endangered

	whooping crane <sup>(8h)</sup> piping plover <sup>(10)</sup> western prairie fringed orchid Arkansas darter Neosho mucket mussel	Endangered Threatened Threatened, Likely extirpated Candidate Candidate
Seminole	American burying beetle <sup>(2, A)</sup> interior least tern <sup>(6, 7)</sup> whooping crane <sup>(9)</sup> Arkansas River shiner piping plover <sup>(10)</sup>	Endangered Endangered Endangered Threatened, Critical habitat designated Threatened
Sequoyah	American burying beetle <sup>(1, B)</sup> gray bat <sup>(3)</sup> Indiana bat interior least tern <sup>(6, 7)</sup> Ozark big-eared bat piping plover <sup>(10)</sup>	Endangered Endangered Endangered Endangered Endangered Threatened
Stephens	whooping crane <sup>(9)</sup> interior least tern <sup>(7)</sup> piping plover <sup>(10)</sup> lesser prairie chicken <sup>(12)</sup>	Endangered Endangered Threatened Candidate, Warranted but precluded
Texas	interior least tern <sup>(7)</sup> whooping crane <sup>(8c, 9)</sup> piping plover <sup>(10)</sup> lesser prairie chicken <sup>(11)</sup>	Endangered Endangered Threatened Candidate, Warranted but precluded
Tillman	black-capped vireo <sup>(5)</sup> interior least tern <sup>(6, 7)</sup> whooping crane <sup>(8c, 9)</sup> piping plover <sup>(10)</sup> lesser prairie chicken <sup>(12)</sup>	Endangered Endangered Endangered Threatened Candidate, Warranted but precluded
Tulsa	American burying beetle <sup>(1, B)</sup> interior least tern <sup>(6, 7)</sup> piping plover <sup>(10)</sup>	Endangered Endangered Threatened
Wagoner	American burying beetle <sup>(1, B)</sup> gray bat <sup>(3)</sup> interior least tern <sup>(6, 7)</sup> whooping crane <sup>(8h)</sup> piping plover <sup>(10)</sup> Neosho mucket mussel	Endangered Endangered Endangered Endangered Threatened Candidate
Washington	American burying beetle <sup>(1, A)</sup> interior least tern <sup>(7)</sup> whooping crane <sup>(8h)</sup> piping plover <sup>(10)</sup> Neosho mucket mussel	Endangered Endangered Endangered Threatened Candidate
Washita	whooping crane <sup>(9)</sup> interior least tern <sup>(7)</sup> piping plover <sup>(10)</sup> lesser prairie chicken <sup>(12)</sup>	Endangered Endangered Threatened Candidate, Warranted but precluded

Woods	Eskimo curlew	Endangered, Possibly extinct
	interior least tern <sup>(6, 7)</sup>	Endangered
	whooping crane <sup>(8c, 9)</sup>	Endangered
	Arkansas River shiner	Threatened, Critical habitat designated
	pipin plover <sup>(10)</sup>	Threatened
	lesser prairie chicken <sup>(11)</sup>	Candidate, Warranted but precluded
Woodward	Eskimo curlew	Endangered, Possibly extinct
	interior least tern <sup>(6, 7)</sup>	Endangered
	whooping crane <sup>(8c, 9)</sup>	Endangered
	Arkansas River shiner	Threatened, Critical habitat designated
	pipin plover <sup>(10)</sup>	Threatened
	lesser prairie chicken <sup>(11)</sup>	Candidate, Warranted but precluded

### **CLASSIFICATION DEFINITIONS**

**Endangered** – A species in danger of extinction throughout all or a significant portion of its range.

**Threatened** – A species likely to become endangered within the foreseeable future throughout all or a significant portion of its range.

**Proposed** – A species proposed for federal listing as endangered or threatened.

**Candidate** – Those species for which sufficient information on biological status and threats exists to propose to list them as endangered or threatened. We encourage their consideration in environmental planning and partnerships; however, none of the substantive or procedural provisions of the Endangered Species Act apply to candidate species.

**Candidate, Warranted but precluded** – The petitioned listing action for a species is warranted but that (a) the immediate proposal of a regulation and final promulgation of regulation implementing the petitioned action is precluded by pending higher priority proposals, and (b) expeditious progress is being made to add qualified species to the lists of endangered or threatened species.

**Similarity of appearance** – A species that is listed as endangered or threatened because it closely resembles another endangered or threatened species. This species is not subject to Endangered Species Act, Section 7 consultation.

**Proposed for delisting** – Any species for which a proposed rule to delist the species has been published in the Federal Register.

**Critical habitat designated** – Administratively defined by the Endangered Species Act, as the specific areas within the geographic area occupied by a species, at the time it is listed, on which are found those physical or biological features essential to conserve the species and that may require special management considerations or protection; and specific areas outside the geographic area occupied by the species at the time it is listed upon determination that such areas are essential to conserve the species.

**Likely extirpated** – Based on the best available information and species experts, the species has likely been destroyed or removed completely from a particular area, region, or habitat. The species, however, may exist elsewhere.

**Possibly Extinct** – A species thought to no longer be in existence due to the extended time since substantiated data have been reported validating an occurrence.

## **FOOTNOTES**

### **American burying beetle**

<sup>1</sup> Historical Range – According to specimen records, the recovery plan and available life history information, this county is within the documented historic range of the American burying beetle.

<sup>2</sup> Non-Historical Range – This county is not within the documented historic range of the American burying beetle. However, suitable habitat is present and this county is adjacent to at least one county with current positive findings, suggesting American burying beetles are likely to be present within this county.

<sup>A</sup> Unconfirmed – Surveys within the last 15 years are lacking or insufficient to determine presence of the American burying beetle. However, suitable habitat is present and this county is adjacent to at least one county with current positive findings. In some instances, occurrences of American burying beetles have been reported by reputable individuals, but identification has not been verified by a Service biologist or trained entomologist.

<sup>B</sup> Confirmed – Surveys within the last 15 years have documented the presence of the American burying beetle within the county.

### **Gray bat**

<sup>3</sup> Portions of this county provide suitable foraging habitat and are within the foraging radius of gray bats known to be using caves in adjacent counties. This area currently includes approximately the southeastern 1/8 of Craig County, the eastern 1/4 of Mayes County, the northeastern 1/4 of Muskogee County, the north-central and the northwestern 1/4 of Sequoyah County, and the southeastern 1/4 of Wagoner County, Oklahoma.

### **Black-capped vireo**

<sup>4</sup> Counties with documented occurrences, including breeding activities.

<sup>5</sup> Counties situated within the probable migratory pathway between breeding and winter habitats, and contain sites that could provide stopover habitat during migration.

### **Interior least tern**

<sup>6</sup> Counties with documented occurrences, including breeding activities.

<sup>7</sup> Counties situated within the probable migratory pathway between breeding and winter habitats, and contain sites that could provide stopover habitat during migration.

### **Whooping Crane**

<sup>8c</sup> Counties with documented current occurrences (current defined as within the last 25 years).

<sup>8h</sup> Counties with documented historic occurrences (historic defined as over 25 years).

<sup>9</sup> Counties situated within the current probable migratory pathway between breeding and winter habitats, and contain sites that could provide stopover habitat during migration.

### **Piping plover**

<sup>10</sup> Counties situated within the probable migratory pathway between breeding and winter habitats, and

contain sites that could provide stopover habitat during migration.

**Lesser prairie chicken**

<sup>11</sup> Current range as defined by the Lesser Prairie Chicken Interstate Working Group.

<sup>12</sup> Historic range as defined by the Lesser Prairie Chicken Interstate Working Group.