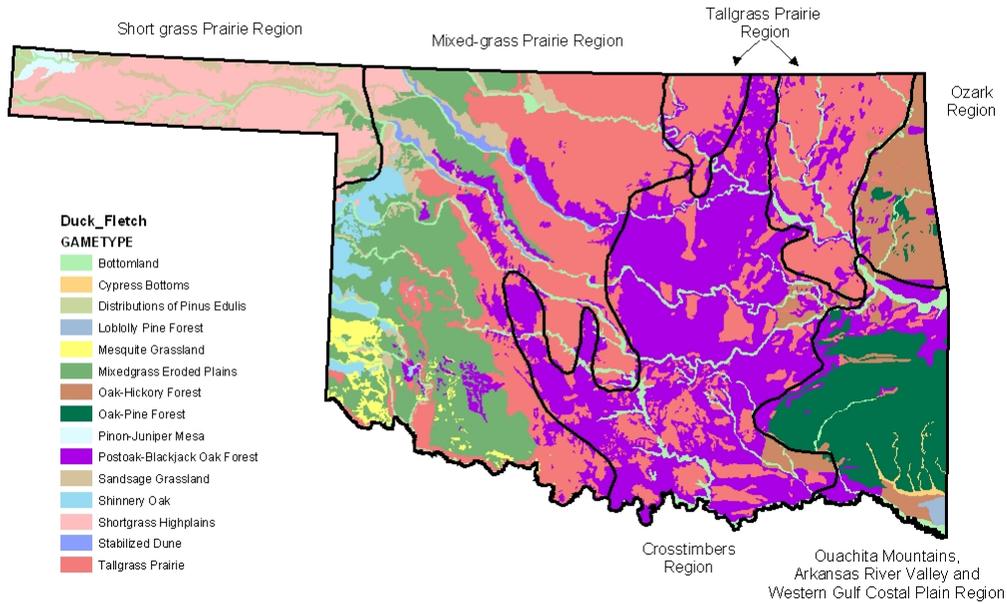


Appendix A: Glossary

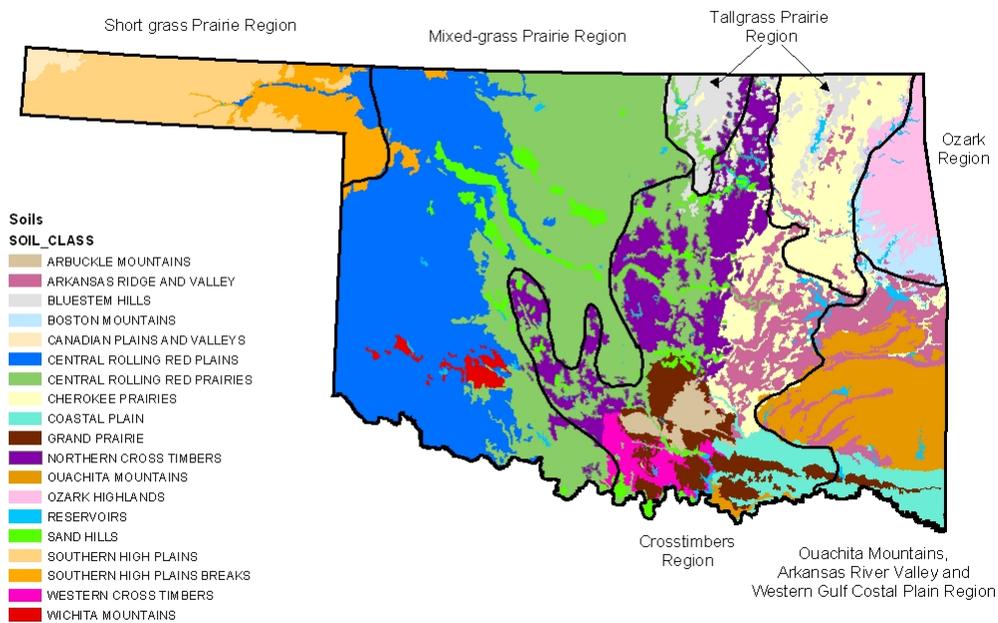
Term	Definition
Comprehensive	<p>Broad in scope and content as related to the conservation, protection, restoration of species of greatest conservation need and their habitats.</p> <p>This is also taken in context that all identified wildlife species in Oklahoma were considered when selecting species of greatest conservation need.</p>
Conservation Landscape	<p>“Conservation Landscape” in this Strategy is the term used to convey the concepts of “key habitats and community types” identified by Congress.</p> <p>The term Conservation Landscape as used in the document is considered to be synonymous with “habitat types,” “vegetation communities” and “aquatic communities.”</p>
Issues	<p>“Conservation issues” in this Strategy is the term used for the “conservation problems” identified by Congress.</p> <p>Issues are a source of debate, discussion or difference of opinion. Issues may or may not be a problem; sometimes they are opportunities and challenges. Issues frame threats, weaknesses, challenges and opportunities differently than as problems. The Oklahoma Department of Wildlife Conservation wants the best and most opportunistic way of framing resource challenges so that the best conservation actions can be ranked and a widest array of partners can be brought to the table to resolve conservation challenges and realize opportunities in the future.</p>
Strategy	Strategies are termed “conservation actions” in this document.
Wildlife	Animals as a broad, all-inclusive group that live in the water or on land. They include: insects, snakes, freshwater mussels, butterflies, salamanders, birds and mammals.

Appendix B: Maps used in the Development of the Oklahoma Comprehensive Wildlife Conservation Strategy

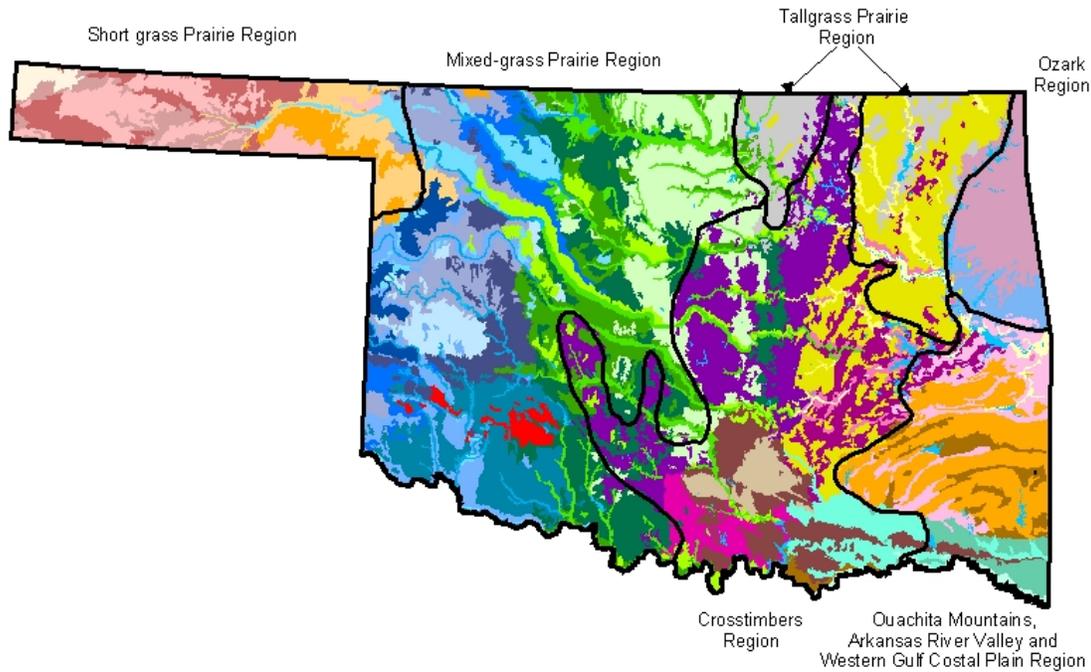
CWCS Regions Compared to Duck and Fletcher Game Types



CWCS Regions Compared to Soil Class



CWCS Regions Compared to Soils



Soils

SOIL_CLASS, NAME

- ARB UCKLE MOUNTAINS, Kiti-Shilder-Lula
- ARKANSAS RIDGE AND VALLEY, Hector-Endsaw
- ARKANSAS RIDGE AND VALLEY, Kamie-Larton-Porum
- ARKANSAS RIDGE AND VALLEY, Stigler-Shermore-Neff-Bolivar
- BLUESTEM HILLS, Shidler-Summit-Corbin-Catoosa-Steedman
- BOSTON MOUNTAINS, Hector-Linker
- CANADIAN PLAINS AND VALLEYS, Travessilla-Kim
- CENTRAL ROLLING RED PLAINS, Cordell-Dill
- CENTRAL ROLLING RED PLAINS, Eda-Tivoli
- CENTRAL ROLLING RED PLAINS, Granfield-Devol-Tipton-Hardeman
- CENTRAL ROLLING RED PLAINS, Knoco-Comic-Vernon
- CENTRAL ROLLING RED PLAINS, Lincoln-Westola-Clairemont
- CENTRAL ROLLING RED PLAINS, Nobscoot-Delwin
- CENTRAL ROLLING RED PLAINS, Quintan-Woodward
- CENTRAL ROLLING RED PLAINS, St. Paul-Carey
- CENTRAL ROLLING RED PLAINS, Tillman-Hollister-Foard-Vernon
- CENTRAL ROLLING RED PRAIRIES, Pond Creek-Norge-Minco-Lovedale-Bethany
- CENTRAL ROLLING RED PRAIRIES, Port-Dale-Yahola-Gaddy-Grace-mo-Clain-Reinach
- CENTRAL ROLLING RED PRAIRIES, Renfrow-Kirkland-Grainola-Bethany
- CENTRAL ROLLING RED PRAIRIES, Zaneis-Grant-Pond Creek-Seminole-Grainola-Chickasha-Kingfisher

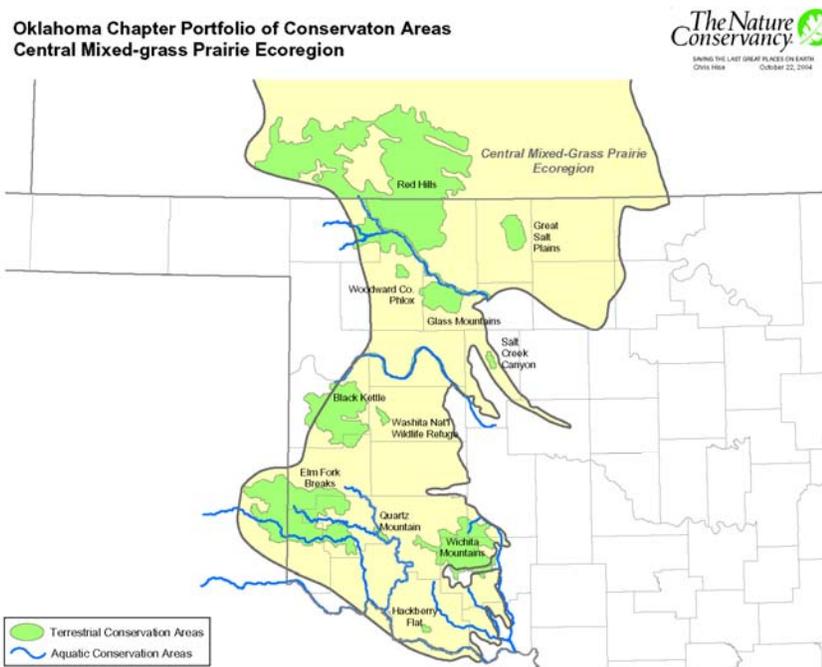
- CHEROKEE PRAIRIES, Dennis-Bates-Taloka-Parsons
- CHEROKEE PRAIRIES, Komatia
- CHEROKEE PRAIRIES, Osage-Verdigris
- COASTAL PLAIN, Bemow
- COASTAL PLAIN, Felker-Wrightsville
- COASTAL PLAIN, Guyton-Kaufman
- COASTAL PLAIN, Pledger
- COASTAL PLAIN, Ruston-Smithdale-Tiak
- GRAND PRAIRIE, Chigley-Durant-Clarita-Heiden-Ferris-Burleson
- NORTHERN CROSS TIMBERS, Stephenville-Darnell-Notaze
- OUACHITA MOUNTAINS, Camasaw-Clebit-Pirum
- OUACHITA MOUNTAINS, Tuskahoma-Wetsaw-Muskogee-Neff-Sherwood
- OZARK HIGHLANDS, Clarksville-Noark
- RESERVOIRS, Reservoirs and Lakes
- SAND HILLS, Eufaula-Dougherty-Konawa
- SOUTHERN HIGH PLAINS BREAKS, Mansio-Irene
- SOUTHERN HIGH PLAINS BREAKS, Mobeetie-Veal-Devol-Lincoln-Eda
- SOUTHERN HIGH PLAINS, Conlen-Pastura-Plack
- SOUTHERN HIGH PLAINS, Dalhart-Mona
- SOUTHERN HIGH PLAINS, Sherm-Ulysses
- WESTERN CROSS TIMBERS, Weatherford-Konsil-Windthorst
- WICHITA MOUNTAINS, Brico

Conserving the Biodiversity of the Central Mixed-grass Prairie: A Portfolio Designed for Conservation Action

Summary for Oklahoma's Comprehensive Wildlife Conservation Strategy

- The Central Mixed-grass Prairie ecoregion encompasses 15,500 square miles of western and north-central Oklahoma. It is the second largest ecoregion in the state, and includes a diversity of habitat types.
- This ecoregion is characterized as a transitional zone between the mesic Tallgrass Prairies to the east and the more xeric Shortgrass Prairies to the west. The biodiversity of this area exhibits this transitional nature, and encompasses many species characteristic of other prairie types. The Oklahoma portion of the ecoregion includes large areas of Little Bluestem and Sideoats dominated Mixed-grass Prairie, with areas of Tallgrass Prairie, Post Oak-Blackjack Oak forest, Shinnery Oak shrubland, Mesquite shrubland, and Sand Sage shrubland.
- Climate, grazing, and fire are the key ecological processes that shape the habitats of the Mixed-grass Prairie
- The majority of this Region has been cultivated; only 20 percent of the native vegetation remains in large, untilled parcels. Much of this remaining area is infested with invasive Eastern Redcedar timber, and its wildlife habitat values have been markedly reduced. Habitat fragmentation and altered fire regime are the most serious threats to the biodiversity of the Region. Other threats include altered grazing regime, exotic/invasive plant species, and hydrologic modification.
- The plan identifies 13 areas in the Oklahoma portion of the ecoregion as priorities for conservation (see attached map):
 - **Red Hills** – northern Woods, Woodward, and Harper Counties. Portion of a larger site that extends into south-central Kansas. Characterized by rolling topography, Permian shale and gypsum soils, various Mixed-grass Prairie types. Conservation targets include Lesser Prairie Chicken, Arkansas Darter, bat caves, Townsend's Big-eared Bat, Hall's Bulrush, and Oklahoma Phlox (endemic to Oklahoma).
 - **Great Salt Plains** – Federal wildlife refuge and surrounding private lands in Alfalfa County. Salt flats and marshes, some Mixed-grass Sand Prairie. Conservation targets include Least Tern, Snowy Plover, Whooping Crane, and other migratory waterfowl.
 - **Cimarron River terrestrial site** – high-quality riparian areas and salt flats adjacent to the river.
 - **Woodward Co. Phlox** – isolated population of endemic Oklahoma Phlox located in northern Woodward County.
 - **Glass Mountains** – series of untilled prairie fragments in western Major County. Rough, broken topography, Permian shale and gypsum soils w/Mixed-grass Prairie, several large gypsum dissolution caves housing maternity colonies of Mexican Free-tailed Bats. Site designated primarily for conservation of bat caves.
 - **Salt Creek Canyon** – isolated population of federally endangered Black-capped Vireo in the Salt Creek Canyon area of Blaine County. Rough, eroded topography, substantial infestation of Eastern Redcedar. Cooperative habitat restoration project underway with U.S. Fish and Wildlife Service, Oklahoma Department of Wildlife Conservation, and The Nature Conservancy to restore habitat.

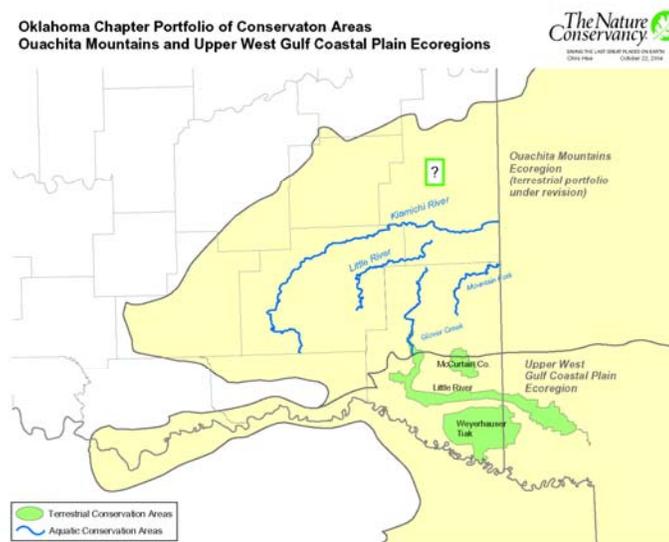
- **Canadian River Terrestrial site** – high quality riparian areas associated with the Canadian River.
- **Black Kettle** – Series of untilled prairie fragments near the Black Kettle Nat'l Grassland in the Washita River drainage of Roger Mills County. Characterized by Mixed-grass Prairie with some Shinnery Oak shrubland to the west. Species targets include Texas Gartersnake and Texas Horned Lizard.
- **Washita Nat'l Wildlife Refuge** – Federal wildlife refuge near Foss Reservoir in Custer County. Important area for migratory waterfowl.
- **Elm Fork Breaks** – large tract of intact rough, broken land in the “breaks” of the upper Red River in Beckham, Greer, and Harmon Counties. Vegetation dominated by Mesquite and Redberry Juniper shrublands. Several gypsum dissolution caves in the area house maternity colonies of Mexican Free-tail and other bats.
- **Quartz Mountain State Park** – isolated granite peaks at the western terminus of the Wichita Mountains in Greer and Kiowa Counties. These hills support the only known extant occurrences of Long-hair Phlox, a state endemic plant.
- **Wichita Mountains** – these ancient mountains form a unique ecological system in Comanche, Kiowa, and Caddo Counties of southwestern Oklahoma. Characterized by a mosaic of vegetation types including Post Oak-Blackjack Oak forest and Mixed-grass Prairie. Species targets include Hall's Bulrush, Oklahoma Beardtongue (state endemic), Black-capped Vireo, and Whooping Crane.
- **Hackberry Flat** – restored wetland complex in Tillman County, supports large numbers of migratory waterfowl.
- Many aquatic sites designated for various fishes, insects, etc. Main species targets include Red River Pupfish, Arkansas Darter, Arkansas River Shiner, Plains Killifish, Plains Minnow, Flathead Chub, and Red River Shiner



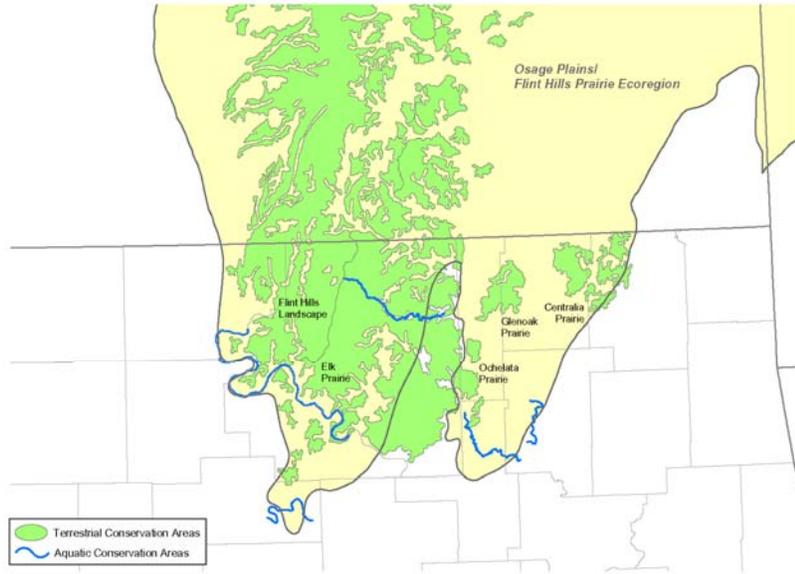
Ouachita Mountains and Upper West Gulf Coastal Plain ecoregion assessments

Summary for Oklahoma's Comprehensive Wildlife Conservation Strategy

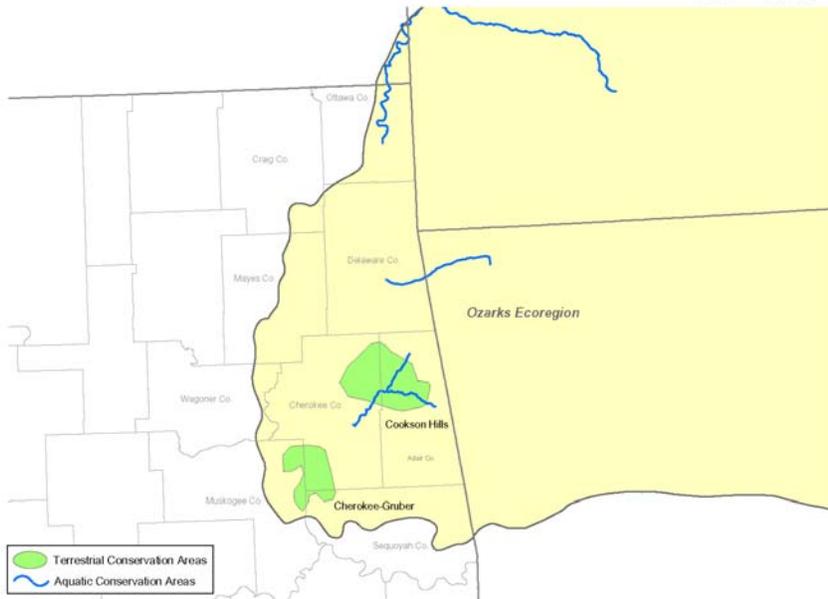
- The Ouachita Mountains and Upper West Gulf Coastal Plain ecoregions encompass 5,900 and 1,400 square miles of southeast Oklahoma, respectively.
- The Oklahoma portions of these ecoregions are characterized by rugged, Pine-Oak forested mountains, rolling hills, narrow mountain river valleys, and broad floodplains associated with the Red River and other major river systems. Marshes, oxbow lakes, and cypress swamps are found along the Little River and other drainages to the south.
- Fires, both natural and those set by Native Americans are believed to have been a profound influence on the natural vegetation of this area.
- While fairly substantial areas of native vegetation remain in the Ouachita Mountains, the vast majority of the Upper West Gulf Coastal Plain ecoregion in Oklahoma have been cultivated.
- Major threats to biodiversity include habitat fragmentation by development and agricultural conversion, incompatible timber harvest, altered fire regime, and hydrologic modification.
- The plans for the Ouachita Mountains and Upper West Gulf Coastal Plain ecoregions identify several areas of conservation significance in Oklahoma.
 - **Weyerhaeuser Tiak, Little River, and McCurtain Co.** (Upper West Gulf Coastal Plain) – areas in southern McCurtain County. Species of importance include Bluejack Oak, Central Newt, American Alligator, and additional plants, amphibians, and birds.
 - The terrestrial portfolio for the Ouachita Mountains ecoregion is currently under revision. Several aquatic sites in Oklahoma protect habitat for numerous species of conservation concern, including Ouachita Shiner, Ouachita Rock Pocketbook, Arkansas Fatmucket, Winged Mapleleaf, and other mussels and fish. Surrounding high-quality terrestrial areas provide habitat for Black Bear, Cerulean Warbler, Ouachita Dusky Salamander, and other species.



Oklahoma Chapter Portfolio of Conservaton Areas
Osage Plains / Flint Hills Prairie Ecoregion



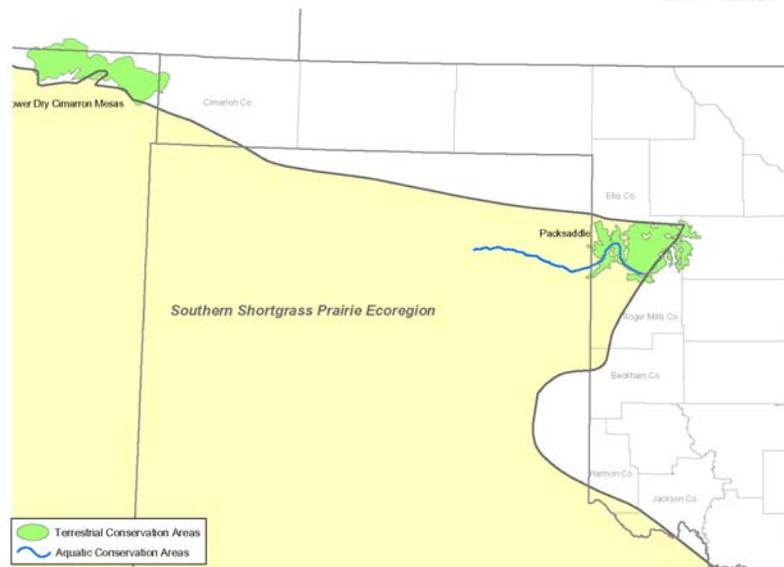
Oklahoma Chapter Portfolio of Conservaton Areas
Ozarks Ecoregion



A Biodiversity and Conservation Assessment for the Southern Shortgrass Prairie Summary for Oklahoma's Comprehensive Wildlife Conservation Strategy

- The Southern Shortgrass Prairie ecoregion encompasses 1,500 square miles of Cimarron, Ellis, Roger Mills, Beckham, Harmon, and Jackson Counties in far western Oklahoma. This represents the “edge” of a much larger region of xeric Shortgrass Prairie that lies to the west in Texas and eastern New Mexico.
- The Region is characterized by the plateaus, escarpments, and rolling prairies of the High Plains.
- While completion of the plan document is pending; two areas of conservation significance have been designated for the Oklahoma portion of the ecoregion:
 - **Packsaddle** – southern Ellis, northern Roger Mills, and western Dewey Counties. Characterized by rolling Sand Sage shrubland, Shinnery Oak shrubland, and Mixed-grass Prairie along and north of the Canadian River. Species targets include Bell’s Vireo, Lesser Prairie Chicken, Snowy Plover, Least Tern, and Arkansas River Shiner.
 - **Lower Dry Cimarron Mesas** – far western Cimarron County, south of the Black Mesa area. The majority of this site lies in New Mexico. Primary conservation targets are various plant communities that comprise an eastern extension of Rocky Mountain foothills vegetation.

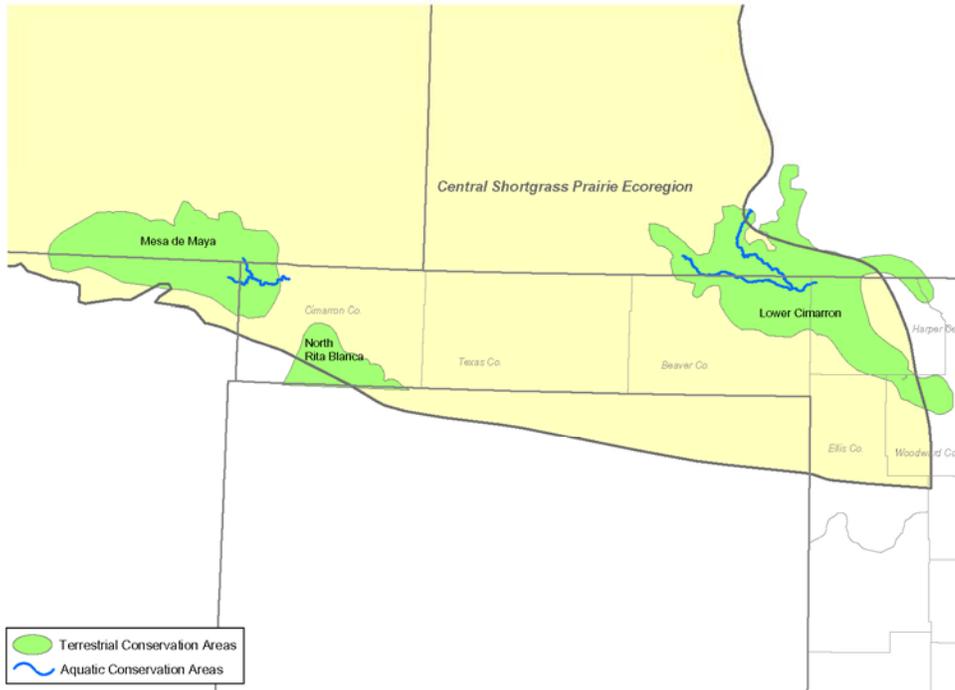
Oklahoma Chapter Portfolio of Conservaton Areas
Southern Shortgrass Prairie Ecoregion



Ecoregion Based Conservation in the Central Shortgrass Prairie
Summary for Oklahoma's Comprehensive Wildlife Conservation Strategy

- The Central Shortgrass Prairie ecoregion encompasses 1,850 square miles of northwest Oklahoma and the Panhandle, a Region commonly known as the “High Plains.”
- The Oklahoma portion of the ecoregion is characterized by rolling plains, stabilized dunes, and tablelands, and is dominated by Shortgrass Prairie, Sand Sage grassland, and Pinyon/Juniper mesa type vegetation.
- Climate, grazing, and fire are the key ecological processes that shape the habitats of the Shortgrass Prairie
- The majority of this Region has been cultivated, with approximately 40 percent of the area remaining in large, untilled landscapes. Many species of native wildlife, most notably grassland-obligate birds, have been greatly reduced or extirpated since European settlement.
- Major threats to biodiversity include habitat fragmentation by development and agricultural conversion, altered grazing regime, altered fire regime, and hydrologic modification (groundwater withdrawal).
- The plan identifies three areas in the Oklahoma portion of the ecoregion as priorities for conservation (see attached map):
 - **Mesa de Maya** – northwest Cimarron County. Characterized by mesa and butte topography, Pinyon/Juniper woodlands (Rocky Mountain foothills vegetation). Conservation targets include various Shortgrass Prairie plant communities, and the following species: Black-throated Sparrow, Swainson’s Hawk, Canyon Wren, Lark Sparrow, Prairie Falcon, Curve-billed Thrasher, Hoary Skimmer, Texas Horned Lizard, Plains Leopard Frog, Green Toad, and Trinidad Milkvetch. Includes reaches of Cimarron River and North Carrizo Creek.
 - **Lower Cimarron** – parts of Beaver, Harper, Woods, and Woodward counties. Characterized by Sand Sage Grassland and Shortgrass Prairie. Conservation targets include various plant communities, and the following species: Lesser Prairie Chicken, Grasshopper Sparrow, Snowy Plover, and Least Tern. Includes reaches of Cimarron River and Crooked Creek for conservation of Arkansas Darter.
 - **North Rita Blanca** – southern Cimarron County. Characterized by Sand Sage Grassland, with playa lakes on flatter sites. Designated primarily for playa lakes on and near federally-owned Rita Blanca National Grassland.

Oklahoma Chapter Portfolio of Conservaton Areas
Southern Shortgrass Prairie Ecoregion



Appendix C: Management Plans and Habitat Plans Relevant to Oklahoma's Comprehensive Wildlife Conservation Strategy

Management Plans

Title	Contact Information
Fisheries Future 2000 Strategic Plan	
1. Purpose	This document is a blueprint that will direct the course of aquatic resource management within the Fisheries Division of the Oklahoma Department of Wildlife Conservation into the 21 st century.
2. Publisher	Oklahoma Department of Wildlife Conservation
3. Date	1998
4. Website	
5. Hard copy	
6. Name	
7. Address	
8. Phone no.	
9. Email	acrews@odwc.state.ok.us
10. Submitter	Andrea Crews
Fisheries Program Vision for the Future (USFWS)	
1. Purpose	to identify the most critical needs for aquatic resources and to reach consensus on the most appropriate role for the Fisheries Program
2. Publisher	U.S. Fish and Wildlife Service
3. Date	December 2002
4. Website	http://fisheries.fws.gov/CAF/Vision.htm#fp
5. Hard copy	See below
6. Name	Harold Namminga
7. Address	OK Dept. of Wildlife Conservation
8. Phone no.	
9. Email	hnamminga@odwc.state.ok.us
10. Submitter	Kim Erickson, OK Dept. of Wildlife Conservation
Guiding Conservation into the New Millennium – A Strategic Plan for 1998-2002	
1. Purpose	The purpose of this plan is to communicate overall Department direction for fiscal years 1998-2002. The basic plan consists of a mission statement, a conservation vision, four major goals, and multiple objectives and strategies. Collectively, these elements give structure and order to the difficult task of planning for the future of Oklahoma's fish and wildlife resources.
2. Publisher	Oklahoma Department of Wildlife Conservation
3. Date	1998
4. Website	
5. Hard copy	
6. Name	
7. Address	
8. Phone no.	
9. Email	acrews@odwc.state.ok.us
10. Submitter	Andrea Crews
Oklahoma Department of Wildlife Conservation Fisheries Division Southeast Region Management Plan	
1. Purpose	
2. Publisher	Oklahoma Department of Wildlife Conservation
3. Date	
4. Website	
5. Hard copy	
6. Name	

Title	Contact Information
	7. Address
	8. Phone no.
	9. Email
	10. Submitter Keith Thomas
Oklahoma's Biodiversity Plan: A Shared Vision for Conserving Our Natural Heritage	
1. Purpose	To provide information about Oklahoma's biodiversity and make recommendations on how biodiversity conservation can be included in a variety of economic and other activities
2. Publisher	Oklahoma Department of Wildlife Conservation
3. Date	1996
4. Website	
5. Hard copy	See below
6. Name	Ron Shuttles
7. Address	Oklahoma Department of Wildlife Conservation
8. Phone no.	
9. Email	rsuttles@odwc.state.ok.us
10. Submitter	Ron Shuttles
Wildlife and Wildlife Compensation Commission Policy No. J11 and J11.1	
1. Purpose	Policy on compensation for actual or potential habitat losses resulting from land and water projects.
2. Publisher	Arizona Game and Fish Department
3. Date	June 26, 1987
4. Website	
5. Hard copy	
6. Name	
7. Address	
8. Phone no.	
9. Email	
10. Submitter	Jerry Brabander
North American Waterfowl Management Plan	
1. Purpose	North American waterfowl management 2004 strategic guidance
2. Publisher	U.S. Fish and Wildlife Service
3. Date	November 2004
4. Website	http://birdhabitat.fws.gov/NAWMP/images/update04.PDF
5. Hard copy	
6. Name	Seth Mott, Chief, Branch of Science and Planning Division of Bird Habitat Conservation U.S. Fish and Wildlife Service
7. Address	4401 N. Fairfax Dr., Stop 4075, Arlington, VA 22203
8. Phone no.	(703)- 358-1969
9. Email	seth_mott@fws.gov
10. Submitter	Andrea Crews
Monitoring Avian Conservation: Rational, Design and Coordination	
1. Purpose	
2. Publisher	International Association of Game and Fish Agencies
3. Date	September 2004
4. Website	http://www.iafwa.org/publications.htm
5. Hard copy	
6. Name	
7. Address	
8. Phone no.	
9. Email	
10. Submitter	CWCS discussion group

Habitat Plans

Title

Contact Information

Arkansas/Red Rivers Ecosystem

1. Purpose This Ecosystem Plan and its subsequent updates will help guide the U.S. Fish and Wildlife Service as it sets priorities, allocates resources, and conducts its activities and programs in the Arkansas/Red River Basins to meet the mandates established for it by the American public.
2. Publisher U.S. Fish and Wildlife Service and Partners
3. Date October 2000
4. Website
5. Hard copy
6. Name
7. Address
8. Phone no.
9. Email
10. Submitter Jerry Brabander

Boehler Seeps and Sandhills Site Conservation Plan

1. Purpose The plan gives details of target species and natural community occurrences within this portfolio site and analyzes threats to their survival. Strategies to combat these threats are also given.
2. Publisher The Nature Conservancy
3. Date April, 1995
4. Website
5. Hard copy
6. Name Jay Pruett
7. Address 2727 E. 21st Street, Suite 102
Tulsa, OK 74114
8. Phone no. 918/293-2917
9. Email jpruett@tnc.org
10. Submitter Jay Pruett

Bottomland Hardwoods of Eastern Oklahoma, A Special Study of Their Status, Trends, and Values

1. Purpose This report discusses: (1) the values/importance, (2) past trends, present status, and future trends, (3) identification of significant remaining tracts, and (4) alternatives for maintaining/enhancing the identified values of bottomland hardwood (BLH) forest habitat within a 28-county study area in eastern Oklahoma.
2. Publisher U.S. Fish and Wildlife Service and Oklahoma Department of Wildlife Conservation
3. Date December 1985
4. Website
5. Hard copy
6. Name
7. Address
8. Phone no.
9. Email
10. Submitter Jerry Brabander

Conserving the Biological Diversity of the Central Mixed-Grass Prairie, A Portfolio Designed for Conservation Action

1. Purpose The assessment describes conservation targets, and goals for each, at multiple scales in the ecoregion.
2. Publisher The Nature Conservancy
3. Date 2003
4. Website

Title	Contact Information
5. Hard copy	Bound paper
6. Name	Jay Pruett
7. Address	2727 E. 21 st Street, Suite 102 Tulsa, OK 74114
8. Phone no.	918/293-2917
9. Email	jpruett@tnc.org
10. Submitter	Jay Pruett
Crosstimbers/Southern Tallgrass Prairie Ecoregional Assessment	
1. Purpose	The assessment will identify a portfolio of sites and a set of strategies needed to protect representative species and natural communities in the ecoregion.
2. Publisher	The Nature Conservancy
3. Date	In process. Will be available later in 2004
4. Website	
5. Hard copy	
6. Name	Jay Pruett
7. Address	2727 E. 21 st Street, Suite 102 Tulsa, OK 74114
8. Phone no.	918/293-2917
9. Email	jpruett@tnc.org
10. Submitter	Jay Pruett
Cucumber Creek Conservation Area Site Conservation Plan	
1. Purpose	The plan gives details of target species and natural community occurrences within this portfolio site and analyzes threats to their survival. Strategies to combat these threats are also given
2. Publisher	The Nature Conservancy
3. Date	August, 2002
4. Website	
5. Hard copy	
6. Name	Jay Pruett
7. Address	2727 E. 21 st Street, Suite 102 Tulsa, OK 74114
8. Phone no.	918/293-2917
9. Email	jpruett@tnc.org
10. Submitter	Jay Pruett
Ecoregional Based Conservation in the Central Shortgrass Prairie	
1. Purpose	The document identifies a portfolio of sites and a set of strategies needed to protect all the species and natural communities representative of the ecoregion.
2. Publisher	The Nature Conservancy
3. Date	April, 1998
4. Website	
5. Hard copy	Bound paper or CD
6. Name	Jay Pruett
7. Address	2727 E. 21 st Street, Suite 102 Tulsa, OK 74114
8. Phone no.	918/293-2917
9. Email	jpruett@tnc.org
10. Submitter	Jay Pruett
Ecoregional Conservation in the Osage Plains/Flint Hills Prairie and Appendices	
1. Purpose	The document presents conservation targets (species and natural communities) in the ecoregion along with conservation goals (the number and distribution of populations/occurrences required to sustain targets over time) for the targets, followed by an assembly into an ecoregional portfolio. Conservation strategies

Title**Contact Information**

- were also given.
2. Publisher The Nature Conservancy
 3. Date October, 2000
 4. Website
 5. Hard copy Bound paper or CD
 6. Name Jay Pruett
 7. Address 2727 E. 21st Street, Suite 102
Tulsa, OK 74114
 8. Phone no. 918/293-2917
 9. Email jpruett@tnc.org
 10. Submitter Jay Pruett

Ecoregional Portfolio Site Abstract, Kiamichi River Watershed

1. Purpose The abstract describes the ecological significance of the watershed and analyzes the stresses on each of the conservation targets. Conservation strategies are presented to combat those threats
2. Publisher The Nature Conservancy
3. Date 2000?
4. Website
5. Hard copy
6. Name Jay Pruett
7. Address 2727 E. 21st Street, Suite 102
Tulsa, OK 74114
8. Phone no. 918/293-2917
9. Email jpruett@tnc.org
10. Submitter Jay Pruett

Habitat fragmentation, rapid evolution, and population persistence

1. Purpose
2. Publisher Patten, M. A., D. H. Wolfe, E. Shochat, and S. K. Sherrod
3. Date
4. Website
5. Hard copy Not yet available
6. Name
7. Address
8. Phone no.
9. Email
10. Submitter Dan Reinking

Ouachita Mountains Ecoregional Assessment

1. Purpose The assessment identified a portfolio of sites that, if protected, collectively conserve the biodiversity of the ecoregion. It also presented an implementation strategy to protect the sites, including strategies and conservation partners. It also identified data gaps to improve the quality of future conservation decision-making
2. Publisher The Nature Conservancy
3. Date December, 2003
4. Website
5. Hard copy Bound paper
6. Name Jay Pruett
7. Address 2727 E. 21st Street, Suite 102
Tulsa, OK 74114
8. Phone no. 918/293-2917
9. Email jpruett@tnc.org
10. Submitter Jay Pruett

Ozark Ecoregional Conservation Assessment

1. Purpose The assessment was to determine the spatial configuration that would most

Title**Contact Information**

efficiently conserve viable examples of all significant biodiversity features. The assessment identified the significant species, natural communities and ecological systems in the ecoregion, established viability criteria for occurrences of these features and developed representation and selection criteria for sustainable conservation of these features.

2. Publisher The Nature Conservancy
3. Date November, 2003
4. Website
5. Hard copy Bound paper or CD
6. Name Jay Pruett
7. Address 2727 E. 21st Street, Suite 102
Tulsa, OK 74114
8. Phone no. 918/293-2917
9. Email jpruett@tnc.org
10. Submitter Jay Pruett

Pontotoc Ridge Conservation Area Site Conservation Plan

1. Purpose The plan gives details of target species and natural community occurrences within this portfolio site and analyzes threats to their survival. Strategies to combat these threats are also given.
2. Publisher The Nature Conservancy
3. Date May, 1999
4. Website
5. Hard copy
6. Name Jay Pruett
7. Address 2727 E. 21st Street, Suite 102
Tulsa, OK 74114
8. Phone no. 918/293-2917
9. Email jpruett@tnc.org
10. Submitter Jay Pruett

Riparian Areas of Western Oklahoma, A Special Study of Their Status, Trends, and Values

1. Purpose Information presented in the report should be useful for management and protection of streamside areas by both private and public groups.
2. Publisher U.S. Fish and Wildlife Service and Oklahoma Department of Wildlife Conservation
3. Date 1987
4. Website
5. Hard copy
6. Name
7. Address
8. Phone no.
9. Email
10. Submitter Jerry Brabander

Southern Shortgrass Prairie Ecoregional Assessment

1. Purpose The assessment will identify a portfolio of sites and a set of strategies needed to protect representative species and natural communities in the ecoregion
2. Publisher The Nature Conservancy
3. Date In process. Will be available later in 2004
4. Website
5. Hard copy
6. Name Jay Pruett
7. Address 2727 E. 21st Street, Suite 102
Tulsa, OK 74114
8. Phone no. 918/293-2917

Title**Contact Information**

9. Email jpruett@tnc.org
 10. Submitter Jay Pruett

Standard Operating Procedures for Stream Assessments and Biological Collections Related to Biological Criteria in Oklahoma

1. Purpose standardizing the methods for making biological collections and physical stream assessments when assessing the streams beneficial use support status
 2. Publisher Oklahoma Water Resources Board
 3. Date 1999
 4. Website http://www.owrb.state.ok.us/studies/reports/reports_pdf/TR1999_3_SOP_Assess_Collect.pdf
 5. Hard copy See below
 6. Name Chuck Potts
 7. Address 3800 N Classen , Oklahoma City, OK 73118
 8. Phone no. 405.530.8800
 9. Email cpotts@owrb.state.ok.us
 10. Submitter Same

Upper West Gulf Coastal Plain Ecoregional Plan

1. Purpose The assessment identified a portfolio of sites that, if protected, collectively conserve the biodiversity of the ecoregion. It also presented an implementation strategy to protect the sites, including strategies and conservation partners. It also identified data gaps to improve the quality of future conservation decision-making.
 2. Publisher The Nature Conservancy
 3. Date June, 2002
 4. Website
 5. Hard copy Bound paper or CD
 6. Name Jay Pruett
 7. Address 2727 E. 21st Street, Suite 102
 Tulsa, OK 74114
 8. Phone no. 918/293-2917
 9. Email jpruett@tnc.org
 10. Submitter Jay Pruett

Appendix D: Oklahoma's Species of Greatest Conservation Need Selection and Scoring Criteria

Criteria for Identifying and Ranking Species of Greatest Conservation Need:

Step 1 was to identify Oklahoma's species of greatest conservation need by applying the following criteria:

- Criterion 1 – Species which are listed as federal candidate, threatened or endangered species under the ESA
- Criterion 2 – Species which are classified as state species of special concern, threatened or endangered species (OAC Title 800)
- Criterion 3 – Species which have been assigned global ranking scores of G1, G2 or G3 by the network of state Natural Heritage Inventory programs
- Criterion 4 – Species which have been identified as conservation priorities through a rangewide status assessment, or assessment of large taxonomic divisions. Examples of these include: assessments of freshwater fish, freshwater mussels and crayfish by the American Fisheries Society, or bird conservation plans such as the national Partners In Flight Conservation Plan, the North American Waterfowl Conservation Plan and the U.S. Shorebird Conservation Plan.
- Criterion 5 – Reptile, amphibian, fish and mussel species which are subject to commercial harvest in Oklahoma but are not eligible for funding under existing Federal Assistance Programs in order to monitor or periodically assess their status
- Criterion 6 – Species which are regionally endemic regardless of their conservation status.

Step 2 was to score/rank (prioritize) the species of greatest conservation need by applying the following criteria:

Criterion 1 – Natural Heritage Global Rank:

The network of State Natural Heritage Inventory Programs ranks all species on a scale of G1 through G5 with G1 species being the most imperiled and G5 species being the most secure. Each species' Natural Heritage Global Rank is identical across its range in the United States and can be obtained from the Nature Serve Website - <http://www.natureserve.org>.

- 3 points - Species has a Global Heritage Rank of G1 or G2
- 2 points - Species has a Global Heritage Rank of G3 or G4
- 1 point - Species has a Global Heritage Rank of G5

Criterion 2 – Availability of Other Federal Assistance Funding Sources:

One of the selling points used to develop support for the State Wildlife Grants program in Congress has been that it meets unfunded wildlife conservation needs. As such, state wildlife agencies have been cautioned against using these funds to supplement traditional management program such as - endangered and threatened species recovery, sport fish management or game management. Incorporating this criterion does not eliminate endangered, threatened, game and sport fish species from the list of species of greatest conservation need, but it does lower their ranking relative to other species.

- 3 points - Species is not eligible for management funding under ESA, P-R or D-J Programs (Federal Aid in Sport Fish and Wildlife Restoration Programs)
- 2 points - Species is listed as federally endangered or threatened and is eligible for management funding under the endangered species act
- 1 point - Species is eligible for management funding as a sport fish, game bird or game mammal

Criterion 3 – Percent of population size or geographic range within Oklahoma:

A species receives a higher score if it is found only in Oklahoma and/or a few surrounding states and a lower score if Oklahoma is on the periphery of its range.

3 points - Oklahoma encompasses >25% of the species' range or population

2 points - Oklahoma encompasses 5-25% of the species range or population

1 point - Oklahoma encompasses < 5% of the species range or population

Criterion 4 – Trend in population size or geographic range over the past 40 Years:

Forty years is our recommended window of measurement, because 1) the best population estimates and records only go back only 20 to 60 years depending upon the species, 2) the narrow time frame better reflects current trends and habitat conditions.

3 points - Species has had a documented population or range decline during the past 40 Years

2 points - Species appears to have been stable or the population trend is unknown (this applies to most species)

1 point - Species has had a documented population or range increase during the past 40 years

Criterion 5 – Availability of existing data to support inclusion of the species as a species of greatest conservation need:

A species receives one point for each of the three items listed below (maximum of 3 total points). One of the arguments in favor of new Federal Assistance funding for wildlife conservation has been the need to support proactive conservation measures that could head-off population declines and prevent the need for additional Endangered Species Act listings. Federal Candidate species have been identified as those species at greatest risk of endangerment, therefore they receive an additional point above all other species within this criterion. Points are added to the species' score if it has been previously identified as conservation concern through a public process such as a state or federal listing or has been identified as conservation concern in a peer-reviewed publication that evaluates the conservation status of a large taxonomic group or a species throughout its range. Part of the rationale is to separate those species which have been previously identified as conservation concern through other processes from those species which are Regionally endemic but appear to have stable or secure populations. It also gives added weight to the species where the data are most robust regarding its conservation status.

1 point - species has been listed as federally or state endangered, threatened, candidate or species of special concern

1 point - species has been identified as a conservation priority in a status assessment or similar peer-reviewed publication

1 point - species has been identified as a federal candidate or proposed listed species

The scores for all ranking criteria are listed below in the species evaluation matrix.. Based upon their total evaluation score, species are assigned to one of three tiers as follows:

Tier I - species receiving 11 to 15 points

Tier II - species receiving 9 or 10 points

Tier III - species receiving 6 to 8 points

Species of Greatest Conservation Need:

Group	Species	Score Criterion 1	Score Criterion 2	Score Criterion 3	Score Criterion 4	Score Criterion 5	Total 15 max	Tier	SGCN Selection Criteria
Amph	Crawfish Frog	2	3	2	2	0	9	II	4
Amph	Four-toed Salamander	1	3	1	2	1	8	III	2
Amph	Grotto Salamander	2	3	3	2	2	12	I	2, 3, 6

Group	Species	Score Criterion 1	Score Criterion 2	Score Criterion 3	Score Criterion 4	Score Criterion 5	Total 15 max	Tier	SGCN Selection Criteria
Amph	Kiamichi Slimy Salamander	3	3	3	2	0	11	I	3, 6
Amph	Many-ribbed Salamander	1	3	3	2	0	9	II	6
Amph	Mole Salamander	1	3	1	2	1	8	III	2
Amph	Oklahoma Salamander	2	3	3	2	1	11	I	2, 3, 6
Amph	Ouachita Dusky Salamander	2	3	3	2	0	10	II	2, 3, 6
Amph	Ozark Salamander	2	3	3	2	0	10	II	3, 6
Amph	Rich Mountain Salamander	3	3	3	2	1	12	I	2, 3, 6
Amph	Ringed Salamander	2	3	3	2	1	11	I	2, 3, 6
Amph	Sequoyah Slimy Salamander	3	3	3	2	0	11	I	3, 6
Amph	Southern Red-backed Salamander	1	3	3	2	0	9	II	6
Amph	Three-toed Amphiuma	1	3	2	2	1	9	II	2
Amph	Western Bird-voiced Treefrog	1	3	1	2	1	8	III	2
Amph	Western Lesser Siren	1	3	2	2	1	9	II	2
Bird	American Golden Plover	1	3	1	3	1	9	II	4
Bird	American Woodcock	1	1	2	3	1	8	III	4
Bird	Bachman's Sparrow	2	3	2	3	2	12	I	2, 3, 4
Bird	Baird's Sparrow	2	3	1	3	1	10	II	3, 4
Bird	Bald Eagle	2	2	1	1	2	8	III	1
Bird	Barn Owl	1	3	1	2	1	8	III	2
Bird	Bell's Vireo	1	3	2	3	2	11	I	2, 4
Bird	Black Rail	2	3	1	2	1	9	II	3, 4
Bird	Black-capped Vireo	3	2	3	3	2	13	I	1, 3, 4
Bird	Blue-winged Warbler	1	3	2	3	1	10	II	4
Bird	Brown-headed Nuthatch	1	3	2	3	1	10	II	4
Bird	Buff-breasted Sandpiper	2	3	2	3	1	11	I	4
Bird	Bullock's Oriole	1	3	1	3	1	9	II	4
Bird	Burrowing Owl	2	3	1	3	2	11	I	2, 3, 4
Bird	Canvasback	1	1	2	2	1	7	III	4
Bird	Cassin's Sparrow	1	3	2	2	1	9	II	4
Bird	Cerulean Warbler	2	3	1	3	2	11	I	3, 4
Bird	Chestnut-collared Longspur	1	3	2	2	1	9	II	4
Bird	Ferruginous Hawk	2	3	1	1	2	9	II	2, 3
Bird	Golden-fronted Woodpecker	1	3	2	3	1	10	II	4
Bird	Greater Prairie Chicken	1	1	2	3	1	8	III	4
Bird	Harris's Sparrow	1	3	2	3	1	10	II	4
Bird	Henslow's Sparrow	2	3	2	3	1	11	I	3, 4
Bird	Hooded Warbler	1	3	2	3	1	10	II	4
Bird	Hudsonian Godwit	1	3	1	2	1	8	III	4
Bird	Interior Least Tern	2	2	2	3	2	11	I	1, 3, 4
Bird	Juniper Titmouse	1	3	1	2	1	8	III	4
Bird	Kentucky Warbler	1	3	2	3	1	10	II	4
Bird	King Rail	2	1	2	2	1	8	III	3, 4
Bird	LeConte's Sparrow	1	3	2	2	1	9	II	4
Bird	Lesser Prairie Chicken	2	1	3	3	3	12	I	1, 3, 4
Bird	Lesser Scaup	1	1	2	3	1	8	III	4
Bird	Lewis's Woodpecker	2	3	1	2	1	9	II	3, 4
Bird	Little Blue Heron	1	3	2	2	1	9	II	4
Bird	Loggerhead Shrike	2	3	2	3	2	12	I	2, 3
Bird	Long-billed Curlew	1	3	2	3	2	11	I	4

Group	Species	Score Criterion 1	Score Criterion 2	Score Criterion 3	Score Criterion 4	Score Criterion 5	Total 15 max	Tier	SGCN Selection Criteria
Bird	Louisiana Waterthrush	1	3	2	2	1	9	II	4
Bird	McCown's Longspur	1	3	2	2	1	9	II	4
Bird	Mountain Plover	3	2	2	3	3	13	I	1, 3, 4
Bird	Nelson's Sharp-tailed Sparrow	2	3	1	1	1	8	III	4
Bird	Northern Bobwhite	1	1	2	3	1	8	III	4
Bird	Northern Pintail	1	1	2	3	1	8	III	4
Bird	Painted Bunting	1	3	2	3	1	10	II	4
Bird	Peregrine Falcon	2	2	1	1	1	7	III	1, 3
Bird	Pinyon Jay	1	3	1	3	1	9	II	4
Bird	Piping Plover	2	2	1	3	2	10	II	1, 3, 4
Bird	Prairie Falcon	1	3	1	1	1	7	III	2
Bird	Prairie Warbler	1	3	2	3	1	10	II	4
Bird	Prothonotary Warbler	1	3	2	3	1	10	II	4
Bird	Red-cockaded Woodpecker	3	2	1	3	2	11	I	1, 3, 4
Bird	Red-headed Woodpecker	1	3	2	3	1	10	II	4
Bird	Rusty Blackbird	1	3	1	3	1	9	II	4
Bird	Sandhill Crane	1	1	2	2	0	6	III	4
Bird	Scaled Quail	1	1	2	3	1	8	III	4
Bird	Short-eared Owl	1	3	1	3	1	9	II	4
Bird	Smith's Longspur	1	3	3	2	1	10	II	4
Bird	Snowy Egret	1	3	2	2	1	9	II	4
Bird	Snowy Plover	2	3	2	3	2	12	I	2, 4
Bird	Solitary Sandpiper	1	3	1	2	1	8	III	4
Bird	Sprague's Pipit	1	3	1	3	1	9	II	4
Bird	Swainson's Hawk	1	3	2	3	2	11	I	4
Bird	Swainson's Warbler	2	3	2	1	1	9	II	3, 4
Bird	Swallow-tailed Kite	1	3	1	3	1	9	II	4
Bird	Trumpeter Swan	2	1	1	1	1	6	III	4
Bird	Upland Sandpiper	1	3	1	3	1	9	II	4
Bird	Western Sandpiper	1	3	1	3	1	9	II	4
Bird	Whip-poor-will	1	3	2	3	1	10	II	4
Bird	Whooping Crane	3	2	2	2	2	11	I	1, 3
Bird	Willow Flycatcher	1	3	1	3	1	9	II	4
Bird	Wilson's Phalarope	1	3	1	3	1	9	II	4
Bird	Wood Stork	2	2	1	3	2	10	II	1
Bird	Wood Thrush	1	3	1	3	1	9	II	4
Bird	Worm-eating Warbler	1	3	2	2	1	9	II	4
Bird	Yellow Rail	2	3	1	2	1	9	II	3, 4
Fish	Alabama Shad	2	3	1	3	2	11	I	2, 3, 4
Fish	Alligator Gar	2	1	2	3	2	10	II	2, 3, 4
Fish	Arkansas Darter	2	3	3	2	3	13	I	1, 2, 3
Fish	Arkansas River Shiner	3	2	3	3	2	13	I	1, 3, 4
Fish	Arkansas River Speckled Chub	3	3	1	3	2	12	I	2, 3
Fish	Black Buffalo	1	3	1	2	1	8	III	2
Fish	Blackside Darter	1	3	1	2	1	8	III	2
Fish	Blackspot Shiner	2	3	3	2	1	11	I	3, 4, 6
Fish	Blue River pop of Least Darter	3	3	3	2	0	11	I	6
Fish	Blue Sucker	2	3	1	2	2	10	II	2, 3
Fish	Bluehead Shiner	2	3	3	2	2	12	I	2, 3, 4, 6

Group	Species	Score	Score	Score	Score	Score	Total 15 max	Tier	SGCN Selection Criteria
		Criterion 1	Criterion 2	Criterion 3	Criterion 4	Criterion 5			
Fish	Bluntnose Shiner	1	3	2	2	1	9	II	2
Fish	Brown Bullhead	1	3	1	1	1	7	III	2
Fish	Cardinal Shiner	2	3	3	2	0	10	II	6
Fish	Chain Pickerel	1	1	1	2	1	6	III	2
Fish	Chub Shiner	1	3	3	2	0	9	II	6
Fish	Creole Darter	2	3	2	2	0	9	II	6
Fish	Crystal Darter	2	3	2	3	2	12	I	2, 3, 4
Fish	Cypress Minnow	1	3	1	2	1	8	III	2
Fish	Flathead Chub	1	3	1	3	2	10	II	2, 4
Fish	Goldstripe Darter	2	3	2	2	1	10	II	2
Fish	Harlequin Darter	1	3	1	2	1	8	III	2
Fish	Ironcolor Shiner	2	3	1	2	2	10	II	2, 4
Fish	Kiamichi Shiner	2	3	3	2	2	12	I	2, 3, 4, 6
Fish	Leopard Darter	3	2	3	3	2	13	I	1, 3, 4, 6
Fish	Longnose Darter	2	3	3	3	2	13	I	2, 3, 4, 6
Fish	Mooneye	1	3	1	2	1	8	III	2
Fish	Mountain Madtom	2	3	1	2	1	9	II	2
Fish	Neosho Madtom	3	2	3	3	2	13	I	1, 3, 4, 6
Fish	Orangebelly Darter	1	3	3	2	0	9	II	6
Fish	Ouachita Mountain Shiner	2	3	3	2	2	12	I	2, 3, 4, 6
Fish	Ozark Cavefish	3	2	3	2	2	12	I	1, 3, 4, 6
Fish	Ozark Minnow	1	3	3	2	0	9	II	6
Fish	Paddlefish	2	1	2	2	1	8	III	3, 4
Fish	Pallid Shiner (Chub)	2	3	2	2	2	11	I	2, 3, 4
Fish	Peppered (Colorless) Shiner	3	3	3	2	2	13	I	2, 3, 4, 6
Fish	Plains Minnow	1	3	2	2	0	8	III	5
Fish	Plains Topminnow	2	3	1	2	1	9	II	2, 3
Fish	Prairie Speckled Chub	3	3	3	2	0	11	I	2, 3
Fish	Red River Pupfish	1	3	3	1	0	8	III	6
Fish	Red River Shiner	1	3	3	1	0	8	III	6
Fish	Redspot Chub	2	3	3	1	0	9	II	3, 6
Fish	River Darter	1	3	1	2	1	8	III	2
Fish	Rocky Shiner	2	3	3	2	1	11	I	3, 4, 6
Fish	Shorthead Redhorse	1	3	1	2	1	8	III	2
Fish	Shovelnose Sturgeon	2	3	2	3	1	11	I	2, 3
Fish	Southern Brook Lamprey	1	3	2	2	1	9	II	2
Fish	Spotfin Shiner	1	3	1	2	1	8	III	2
Fish	Sunburst (Stippled) Darter	2	3	3	2	0	10	II	6
Fish	Taillight Shiner	1	3	1	2	1	8	III	2
Fish	Wedgespot Shiner	1	3	3	2	0	9	II	6
Fish	Western Sand Darter	2	3	2	2	2	11	I	3, 4
Inver	American Burying Beetle	2	2	2	2	2	10	II	1, 3
Inver	Big Cedar Grasshopper	3	3	2	2	0	10	II	3, 6
Inver	Black Sandshell	1	3	1	3	1	9	II	4
Inver	Bleufer	1	3	2	2	0	8	III	5
Inver	Bowman's Cave Amphipod	3	3	3	2	1	12	I	3, 6
Inver	Butterfly Mussel	2	3	2	3	1	11	I	3, 4
Inver	Byssus Skipper	2	3	2	2	0	9	II	3
Inver	Caecidotea acuticarpa	3	3	3	2	0	11	I	3, 6
Inver	Caecidotea ancyla	2	3	3	2	0	10	II	3

Group	Species	Score	Score	Score	Score	Score	Total 15 max	Tier	SGCN Selection Criteria
		Criterion 1	Criterion 2	Criterion 3	Criterion 4	Criterion 5			
Inver	Caecidotea antricola	1	3	3	2	0	9	II	3
Inver	Caecidotea macropoda	3	3	3	2	0	11	I	3, 6
Inver	Caecidotea simulator	3	3	3	2	0	11	I	3, 6
Inver	Caecidotea stiladactyla	2	3	3	2	0	10	II	3, 6
Inver	Cave Crayfish	3	3	3	2	1	12	I	3, 4, 6
Inver	Diana Fritillary	2	3	2	2	0	9	II	3
Inver	Dotted Skipper	2	3	1	2	0	8	III	3
Inver	Elktoe	2	3	1	3	1	10	II	4
Inver	Faxonella blairi	3	3	3	2	0	11	II	3, 6
Inver	Iowa Skipper	2	3	1	2	0	8	III	3
Inver	Kansas Well Amphipod	2	3	3	2	0	10	II	3, 6
Inver	Kiamichi Crayfish	3	3	3	2	1	12	I	3, 4, 6
Inver	Linda's Roadside Skipper	3	3	2	2	0	10	II	3
Inver	Little Dubiraphian Riffle Beetle	3	3	3	2	0	11	I	3
Inver	Little Spectaclecase	1	3	2	2	0	8	III	5
Inver	Louisiana Fatmucket	2	3	2	2	0	9	II	3, 6
Inver	Monkeyface Mussel	2	3	1	2	0	8	III	5
Inver	Neosho Mucket	3	3	3	3	3	15	I	1, 2, 3, 4
Inver	Ohio River Pigtoe	2	3	1	2	1	9	II	3, 4
Inver	Oklahoma Cave Amphipod	3	3	3	2	1	12	I	2, 3, 6
Inver	Oklahoma Cave Crayfish	3	3	3	2	2	13	I	2, 3, 4, 6
Inver	Oklahoma Clubtail	1	3	3	2	0	9	II	6
Inver	Orconectes menae	2	3	3	2	1	11	I	3, 4, 6
Inver	Orconectes nana	2	3	3	2	1	11	I	3, 4, 6
Inver	Ouachita Creekshell	3	3	3	2	1	12	I	3, 4, 6
Inver	Ouachita Kidneyshell	2	3	3	2	2	12	I	3, 4, 6
Inver	Ouachita Rock Pocketbook	3	2	3	3	2	13	I	1, 3, 4
Inver	Outis Skipper	2	3	2	2	0	9	II	3
Inver	Ozark Cave Amphipod	2	3	3	2	0	10	II	3, 6
Inver	Ozark Clubtail	1	3	3	2	0	9	II	6
Inver	Ozark Emerald	2	3	3	2	0	10	II	3, 6
Inver	Ozark Pigtoe	2	3	3	2	1	11	I	3, 4, 6
Inver	Plain Pocketbook	1	3	2	2	1	9	II	5
Inver	Prairie Mole Cricket	2	3	2	2	1	10	II	3
Inver	Procambarus tenuis	2	3	3	2	1	11	I	3, 4, 6
Inver	Purple Lilliput	3	3	1	3	1	11	I	3, 4
Inver	Rabbitsfoot	2	3	2	3	2	12	I	2, 3, 4
Inver	Rattlesnake Master Borer	3	3	2	2	0	10	II	3
Inver	Regal Fritillary	2	3	1	2	1	9	II	3
Inver	Rich Mountain Slitmouth Snail	3	3	3	2	2	13	I	2, 3, 6
Inver	Scaleshell	3	2	2	3	2	12	I	1, 2, 3, 4
Inver	Shinnery Oak Buck Moth	2	3	3	2	0	10	II	3, 6
Inver	Southern Hickorynut	3	3	2	2	1	11	I	3, 4
Inver	Texas Lilliput	2	3	2	2	0	9	II	3, 6
Inver	Threeridge Mussel	1	3	2	2	0	8	III	5
Inver	Wartyback Mussel	2	3	2	2	0	9	II	5
Inver	Washboard	1	3	2	2	0	8	III	5
Inver	Western Fanshell	3	3	2	3	2	13	I	2, 3, 4, 6
Inver	Winged Mapleleaf	3	2	1	3	2	11	I	1, 3, 4

Group	Species	Score Criterion 1	Score Criterion 2	Score Criterion 3	Score Criterion 4	Score Criterion 5	Total 15 max	Tier	SGCN Selection Criteria
Mamm	Black-tailed Prairie Dog	1	3	2	2	3	11	I	1, 2, 3
Mamm	Brazilian (Mexican) Free-tailed Bat	1	3	2	2	2	10	II	2
Mamm	Colorado Chipmunk	1	3	1	2	0	7	III	6
Mamm	Desert Shrew	1	3	2	2	1	9	II	2
Mamm	Eastern Harvest Mouse	1	3	1	2	1	8	III	2
Mamm	Eastern Small-footed Myotis	2	3	1	2	2	10	II	2, 3
Mamm	Eastern Spotted Skunk	1	1	2	3	1	8	III	2, 3
Mamm	Golden Mouse	1	3	1	2	1	8	III	2
Mamm	Gray Myotis	2	2	2	1	2	9	II	1, 3
Mamm	Hog-nosed Skunk	2	1	1	2	1	7	III	2
Mamm	Indiana Myotis	3	2	1	3	2	11	I	1, 3
Mamm	Long-tailed Weasel	1	1	1	2	1	6	III	2
Mamm	Marsh Rice Rat	1	3	1	2	1	8	III	2
Mamm	Meadow Jumping Mouse	1	3	1	2	1	8	III	2
Mamm	Mountain Lion	1	1	1	1	2	6	III	2
Mamm	Northern Long-eared Myotis	2	3	1	2	2	10	II	2, 3
Mamm	Ozark Big-eared Bat	2	2	3	3	2	12	I	1, 3
Mamm	Rafinesque's Big-eared Bat	2	3	1	2	2	10	II	2, 3
Mamm	Ringtail	1	1	2	2	1	7	III	2
Mamm	River Otter	1	1	1	1	2	6	III	2
Mamm	Seminole Bat	1	3	1	2	1	8	III	2
Mamm	Southeastern Myotis	2	3	2	2	2	11	I	2, 3
Mamm	Swamp Rabbit	1	1	2	2	0	6	III	4
Mamm	Swift Fox	2	2	2	2	2	10	II	2, 3
Mamm	Texas Kangaroo Rat	3	3	1	2	1	10	II	2, 3
Mamm	Western Big-eared Bat	2	3	1	3	2	11	I	2, 3
Rept	Alligator Snapping Turtle	2	3	2	3	2	12	I	2, 3
Rept	American Alligator	1	3	1	1	1	7	III	2
Rept	Common Checkered Whiptail	1	3	1	2	0	7	III	2
Rept	Com.on Lesser Earless Lizard	1	3	2	2	1	9	II	2
Rept	Eastern River Cooter	1	3	2	2	0	8	III	5
Rept	Gulf Crayfish Snake	1	3	2	2	1	9	II	2
Rept	Louisiana Milksnake	2	3	2	2	1	10	II	2
Rept	Midland Smooth Softshell	1	3	2	2	0	8	III	5
Rept	Mississippi Map Turtle	1	3	2	2	0	8	III	5
Rept	Northern Map Turtle	1	3	1	2	1	8	III	2
Rept	Northern Scarletsnake	1	3	2	2	1	9	II	2
Rept	Ouachita Map Turtle	1	3	2	2	0	8	III	5
Rept	Razor-backed Musk Turtle	1	3	2	2	0	8	III	6
Rept	Round-tailed Horned Lizard	1	3	1	2	1	8	III	2
Rept	Spiny Softshell Turtle	1	3	2	2	0	8	III	5
Rept	Texas Gartersnake	1	3	2	2	1	9	II	2, 3
Rept	Texas Horned Lizard	2	3	2	3	2	12	I	2
Rept	Texas Long-nosed Snake	1	3	2	2	1	9	II	2
Rept	Western Chicken Turtle	1	3	2	2	1	9	II	2
Rept	Western Diamond-backed Rattlesnake	1	3	2	2	0	8	III	5
Rept	Western Massasauga	2	3	2	2	1	10	II	2, 3
Rept	Western Mudsnake	1	3	2	2	1	9	II	2

Appendix E: Oklahoma's Species of Greatest Conservation Need Grouped by Priority Sets

Tier I species of greatest conservation need is top priority.

Tier designation is based on scores for meeting the criteria outlined in step 2 of Appendix D: Oklahoma's Species of Greatest Conservation Need Selection and Scoring Criteria.

Group	Species	Tier
Amph	Grotto Salamander	I
Amph	Kiamichi Slimy Salamander	I
Amph	Oklahoma Salamander	I
Amph	Rich Mountain Salamander	I
Amph	Ringed Salamander	I
Amph	Sequoyah Slimy Salamander	I
Bird	Bachman's Sparrow	I
Bird	Bell's Vireo	I
Bird	Black-capped Vireo	I
Bird	Buff-breasted Sandpiper	I
Bird	Burrowing Owl	I
Bird	Cerulean Warbler	I
Bird	Henslow's Sparrow	I
Bird	Interior Least Tern	I
Bird	Lesser Prairie Chicken	I
Bird	Loggerhead Shrike	I
Bird	Long-billed Curlew	I
Bird	Mountain Plover	I
Bird	Red-cockaded Woodpecker	I
Bird	Snowy Plover	I
Bird	Swainson's Hawk	I
Bird	Whooping Crane	I
Fish	Alabama Shad	I
Fish	Arkansas Darter	I
Fish	Arkansas River Shiner	I
Fish	Arkansas River Speckled Chub	I
Fish	Blackspot Shiner	I
Fish	Blue River pop of Least Darter	I
Fish	Bluehead Shiner	I
Fish	Crystal Darter	I
Fish	Kiamichi Shiner	I
Fish	Leopard Darter	I
Fish	Longnose Darter	I
Fish	Neosho Madtom	I
Fish	Ouachita Mountain Shiner	I
Fish	Ozark Cavefish	I
Fish	Pallid Shiner (Chub)	I
Fish	Peppered (Colorless) Shiner	I
Fish	Prairie Speckled Chub	I
Fish	Rocky Shiner	I
Fish	Shovelnose Sturgeon	I

Group	Species	Tier
Fish	Western Sand Darter	I
Inver	Bowman's Cave Amphipod	I
Inver	Butterfly Mussel	I
Inver	Caecidotea acuticarpa	I
Inver	Caecidotea macropoda	I
Inver	Caecidotea simulator	I
Inver	Cave Crayfish	I
Inver	Kiamichi Crayfish	I
Inver	Little Dubiraphian Riffle Beetle	I
Inver	Neosho Mucket	I
Inver	Oklahoma Cave Amphipod	I
Inver	Oklahoma Cave Crayfish	I
Inver	Orconectes menae	I
Inver	Orconectes nana	I
Inver	Ouachita Creekshell	I
Inver	Ouachita Kidneyshell	I
Inver	Ouachita Rock Pocketbook	I
Inver	Ozark Pigtoe	I
Inver	Procambarus tenuis	I
Inver	Purple Lilliput	I
Inver	Rabbitsfoot	I
Inver	Rich Mountain Slitmouth Snail	I
Inver	Scaleshell	I
Inver	Southern Hickorynut	I
Inver	Western Fanshell	I
Inver	Winged Mapleleaf	I
Mamm	Black-tailed Prairie Dog	I
Mamm	Indiana Myotis	I
Mamm	Ozark Big-eared Bat	I
Mamm	Southeastern Myotis	I
Mamm	Western Big-eared Bat	I
Rept	Alligator Snapping Turtle	I
Rept	Texas Horned Lizard	I
Amph	Crawfish Frog	II
Amph	Many-ribbed Salamander	II
Amph	Ouachita Dusky Salamander	II
Amph	Ozark Salamander	II
Amph	Southern Red-backed Salamander	II
Amph	Three-toed Amphiuma	II
Amph	Western Lesser Siren	II
Bird	American Golden Plover	II
Bird	Baird's Sparrow	II
Bird	Black Rail	II
Bird	Blue-winged Warbler	II
Bird	Brown-headed Nuthatch	II
Bird	Bullock's Oriole	II
Bird	Cassin's Sparrow	II
Bird	Chestnut-collared Longspur	II
Bird	Ferruginous Hawk	II
Bird	Golden-fronted Woodpecker	II

Group	Species	Tier
Bird	Harris's Sparrow	II
Bird	Hooded Warbler	II
Bird	Kentucky Warbler	II
Bird	LeConte's Sparrow	II
Bird	Lewis's Woodpecker	II
Bird	Little Blue Heron	II
Bird	Louisiana Waterthrush	II
Bird	McCown's Longspur	II
Bird	Painted Bunting	II
Bird	Pinyon Jay	II
Bird	Piping Plover	II
Bird	Prairie Warbler	II
Bird	Prothonotary Warbler	II
Bird	Red-headed Woodpecker	II
Bird	Rusty Blackbird	II
Bird	Short-eared Owl	II
Bird	Smith's Longspur	II
Bird	Snowy Egret	II
Bird	Sprague's Pipit	II
Bird	Swainson's Warbler	II
Bird	Swallow-tailed Kite	II
Bird	Upland Sandpiper	II
Bird	Western Sandpiper	II
Bird	Whip-poor-will	II
Bird	Willow Flycatcher	II
Bird	Wilson's Phalarope	II
Bird	Wood Stork	II
Bird	Wood Thrush	II
Bird	Worm-eating Warbler	II
Bird	Yellow Rail	II
Fish	Alligator Gar	II
Fish	Blue Sucker	II
Fish	Bluntnose Shiner	II
Fish	Cardinal Shiner	II
Fish	Chub Shiner	II
Fish	Creole Darter	II
Fish	Flathead Chub	II
Fish	Goldstripe Darter	II
Fish	Ironcolor Shiner	II
Fish	Mountain Madtom	II
Fish	Orangebelly Darter	II
Fish	Ozark Minnow	II
Fish	Plains Topminnow	II
Fish	Redspot Chub	II
Fish	Southern Brook Lamprey	II
Fish	Sunburst (Stippled) Darter	II
Fish	Wedgespot Shiner	II
Inver	American Burying Beetle	II
Inver	Big Cedar Grasshopper	II
Inver	Black Sandshell	II

Group	Species	Tier
Inver	Byssus Skipper	II
Inver	Caecidotea ancyla	II
Inver	Caecidotea antricola	II
Inver	Caecidotea stiladactyla	II
Inver	Diana Fritillary	II
Inver	Elktoe	II
Inver	Faxonella blairi	II
Inver	Kansas Well Amphipod	II
Inver	Linda's Roadside Skipper	II
Inver	Louisiana Fatmucket	II
Inver	Ohio River Pigtoe	II
Inver	Oklahoma Clubtail	II
Inver	Outis Skipper	II
Inver	Ozark Cave Amphipod	II
Inver	Ozark Clubtail	II
Inver	Ozark Emerald	II
Inver	Plain Pocketbook	II
Inver	Prairie Mole Cricket	II
Inver	Rattlesnake Master Borer	II
Inver	Regal Fritillary	II
Inver	Shinnery Oak Buck Moth	II
Inver	Texas Lilliput	II
Inver	Wartyback Mussel	II
Mamm	Brazilian (Mexican) Free-tailed Bat	II
Mamm	Desert Shrew	II
Mamm	Eastern Small-footed Myotis	II
Mamm	Gray Myotis	II
Mamm	Northern Long-eared Myotis	II
Mamm	Rafinesque's Big-eared Bat	II
Mamm	Swift Fox	II
Mamm	Texas Kangaroo Rat	II
Rept	Common Lesser Earless Lizard	II
Rept	Gulf Crayfish Snake	II
Rept	Louisiana Milksnake	II
Rept	Northern Scarletsnake	II
Rept	Texas Gartersnake	II
Rept	Texas Long-nosed Snake	II
Rept	Western Chicken Turtle	II
Rept	Western Massasauga	II
Rept	Western Mudsake	II
Amph	Four-toed Salamander	III
Amph	Mole Salamander	III
Amph	Western Bird-voiced Treefrog	III
Bird	American Woodcock	III
Bird	Bald Eagle	III
Bird	Barn Owl	III
Bird	Canvasback	III
Bird	Greater Prairie Chicken	III
Bird	Hudsonian Godwit	III
Bird	Juniper Titmouse	III

Group	Species	Tier
Bird	King Rail	III
Bird	Lesser Scaup	III
Bird	Nelson's Sharp-tailed Sparrow	III
Bird	Northern Bobwhite	III
Bird	Northern Pintail	III
Bird	Peregrine Falcon	III
Bird	Prairie Falcon	III
Bird	Sandhill Crane	III
Bird	Scaled Quail	III
Bird	Solitary Sandpiper	III
Bird	Trumpeter Swan	III
Fish	Black Buffalo	III
Fish	Blackside Darter	III
Fish	Brown Bullhead	III
Fish	Chain Pickerel	III
Fish	Cypress Minnow	III
Fish	Harlequin Darter	III
Fish	Mooneye	III
Fish	Paddlefish	III
Fish	Plains Minnow	III
Fish	Red River Pupfish	III
Fish	Red River Shiner	III
Fish	River Darter	III
Fish	Shorthead Redhorse	III
Fish	Spotfin Shiner	III
Fish	Taillight Shiner	III
Inver	Bleufer	III
Inver	Dotted Skipper	III
Inver	Iowa Skipper	III
Inver	Little Spectaclecase	III
Inver	Monkeyface Mussel	III
Inver	Threeridge Mussel	III
Inver	Washboard	III
Mamm	Colorado Chipmunk	III
Mamm	Eastern Harvest Mouse	III
Mamm	Eastern Spotted Skunk	III
Mamm	Golden Mouse	III
Mamm	Hog-nosed Skunk	III
Mamm	Long-tailed Weasel	III
Mamm	Marsh Rice Rat	III
Mamm	Meadow Jumping Mouse	III
Mamm	Mountain Lion	III
Mamm	Ringtail	III
Mamm	River Otter	III
Mamm	Seminole Bat	III
Mamm	Swamp Rabbit	III
Rept	American Alligator	III
Rept	Common Checkered Whiptail	III
Rept	Eastern River Cooter	III
Rept	Midland Smooth Softshell	III

Group	Species	Tier
Rept	Mississippi Map Turtle	III
Rept	Northern Map Turtle	III
Rept	Ouachita Map Turtle	III
Rept	Razor-backed Musk Turtle	III
Rept	Round-tailed Horned Lizard	III
Rept	Spiny Softshell Turtle	III
Rept	Western Diamond-backed Rattlesnake	III

Appendix F: Oklahoma Species Which Did Not Meet Greatest Conservation Need Criteria

Amphibians:

Blanchard's Cricket Frog
Bullfrog
Cave Salamander
Central Newt
Cope's Gray Treefrog
Couch's Spadefoot
Dark-sided Salamander
Dwarf American Toad
Eastern Narrowmouth Toad
Gray Treefrog
Great Plains Narrowmouth Toad

Great Plains Toad
Green Frog
Green Toad
Green Treefrog
Hurter's Spadefoot
Marbled Salamander
New Mexico Spadefoot
Northern Spring Peeper
Pickerel Frog
Plains Leopard Frog
Plains Spadefoot
Red River Mudpuppy
Red-spotted Toad

Smallmouth Salamander
Southern Leopard Frog
Spotted Salamander
Strecker's Chorus Frog
Texas Toad
Tiger Salamander
Upland Chorus Frog
Western Chorus Frog
Western Slimy Salamander
Wood Frog
Woodhouse's Toad

Birds:

Acadian Flycatcher
Alder Flycatcher
American Avocet
American Bittern
American Coot
American Crow
American Goldfinch
American Kestrel
American Pipit
American Redstart
American Robin
American Tree Sparrow
American White Pelican
American Wigeon
Anhinga
Ash-throated Flycatcher
Baird's Sandpiper
Baltimore Oriole
Bank Swallow
Barn Swallow
Barred Owl
Bay-breasted Warbler
Belted Kingfisher
Bewick's Wren
Black Tern
Black Vulture
Black-and-White Warbler
Black-bellied Plover
Black-billed Cuckoo
Black-billed Magpie
Blackburnian Warbler
Black-chinned Hummingbird
Black-crowned Night-Heron
Black-headed Grosbeak
Black-necked Stilt
Blackpoll Warbler

Black-throated Green Warbler
Black-throated Sparrow
Blue Grosbeak
Blue Jay
Blue-gray Gnatcatcher
Blue-headed Vireo
Blue-winged Teal
Bobolink
Bonaparte's Gull
Brewer's Blackbird
Brewer's Sparrow
Broad-winged Hawk
Brown Creeper
Brown Thrasher
Brown-headed Cowbird
Bufflehead
Canada Goose
Canada Warbler
Canyon Towhee
Canyon Wren
Carolina Chickadee
Carolina Wren
Caspian Tern
Cassin's Finch
Cassin's Kingbird
Cattle Egret
Cedar Waxwing
Chestnut-sided Warbler
Chihuahuan Raven
Chimney Swift
Chipping Sparrow
Chuck-will's-widow
Cinnamon Teal
Clay-colored Sparrow
Cliff Swallow

Common Bushtit
Common Goldeneye
Common Grackle
Common Loon
Common Merganser
Common Moorhen
Common Nighthawk
Common Poorwill
Common Raven
Common Tern
Common Yellowthroat
Cooper's Hawk
Cordilleran Flycatcher
Curve-billed Thrasher
Dark-eyed Junco
Dickcissel
Double-crested Cormorant
Downy Woodpecker
Dunlin
Dusky Flycatcher
Eared Grebe
Eastern Bluebird
Eastern Kingbird
Eastern Meadowlark
Eastern Phoebe
Eastern Screech Owl
Eastern Towhee
Eastern Wood-Pewee
Eurasian Collared Dove
European Starling
Evening Grosbeak
Field Sparrow
Fish Crow
Forster's Tern
Fox Sparrow
Franklin's Gull

Gadwall	Nashville Warbler	Ruddy Turnstone
Glaucous Gull	Neotropical Cormorant	Rufous Hummingbird
Golden Eagle	Northern Cardinal	Rufous-crowned Sparrow
Golden-crowned Kinglet	Northern Flicker	Sage Thrasher
Golden-winged Warbler	Northern Goshawk	Sanderling
Grasshopper Sparrow	Northern Harrier	Savannah Sparrow
Gray Catbird	Northern Mockingbird	Say's Phoebe
Gray-cheeked Thrush	Northern Parula	Scarlet Tanager
Great Blue Heron	Northern Rough-winged Swallow	Scissor-tailed Flycatcher
Great Crested Flycatcher	Northern Shoveler	Sedge Wren
Great Egret	Northern Shrike	Semipalmated Plover
Great Horned Owl	Northern Waterthrush	Semipalmated Sandpiper
Greater Roadrunner	Olive-sided Flycatcher	Sharp-shinned Hawk
Greater Scaup	Orange-crowned Warbler	Short-billed Dowitcher
Greater White-fronted Goose	Orchard Oriole	Snow Goose
Greater Yellowlegs	Osprey	Snowy Owl
Great-tailed Grackle	Ovenbird	Song Sparrow
Green Heron	Palm Warbler	Sora
Green-tailed Towhee	Pectoral Sandpiper	Spotted Sandpiper
Green-winged Teal	Philadelphia Vireo	Spotted Towhee
Hairy Woodpecker	Pied-billed Grebe	Stilt Sandpiper
Hammond's Flycatcher	Pileated Woodpecker	Summer Tanager
Hermit Thrush	Pine Siskin	Swainson's Thrush
Herring Gull	Pine Warbler	Swamp Sparrow
Hooded Merganser	Plumbeous Vireo	Tennessee Warbler
Horned Grebe	Purple Finch	Townsend's Solitaire
Horned Lark	Purple Gallinule	Townsend's Warbler
House Finch	Purple Martin	Tree Swallow
House Sparrow	Pygmy Nuthatch	Tufted Titmouse
House Wren	Red Crossbill	Tundra Swan
Inca Dove	Red Knot	Turkey Vulture
Indigo Bunting	Red-bellied Woodpecker	Veery
Killdeer	Red-breasted Merganser	Verdin
Ladder-backed Woodpecker	Red-breasted Nuthatch	Vesper Sparrow
Lapland Longspur	Red-eyed Vireo	Virginia Rail
Lark Bunting	Redhead	Virginia's Warbler
Lark Sparrow	Red-shouldered Hawk	Warbling Vireo
Lazuli Bunting	Red-tailed Hawk	Western Grebe
Least Bittern	Red-winged Blackbird	Western Kingbird
Least Flycatcher	Ring-billed Gull	Western Meadowlark
Least Sandpiper	Ring-necked Duck	Western Screech Owl
Lesser Goldfinch	Ring-necked Pheasant	Western Scrub Jay
Lesser Yellowlegs	Rock Pigeon	Western Tanager
Lincoln's Sparrow	Rock Wren	Western Wood-Pewee
Long-billed Dowitcher	Rose-breasted Grosbeak	Whimbrel
Long-eared Owl	Ross's Goose	White Ibis
MacGillivray's Warbler	Rough-legged Hawk	White-breasted Nuthatch
Magnolia Warbler	Ruby-crowned Kinglet	White-crowned Sparrow
Mallard	Ruby-throated Hummingbird	White-eyed Vireo
Marbled Godwit	Ruddy Duck	White-faced Ibis
Marsh Wren		White-rumped Sandpiper
Merlin		
Mississippi Kite		
Mountain Bluebird		
Mourning Dove		
Mourning Warbler		

White-tailed Kite
 White-throated Sparrow
 Wild Turkey
 Willet
 Wilson's (Common) Snipe
 Wilson's Warbler
 Winter Wren
 Wood Duck

Yellow Warbler
 Yellow-bellied
 Flycatcher
 Yellow-bellied
 Sapsucker
 Yellow-billed Cuckoo
 Yellow-breasted Chat

Yellow-crowned Night-
 Heron
 Yellow-headed
 Blackbird
 Yellow-rumped Warbler
 Yellow-throated Vireo
 Yellow-throated
 Warbler

Fish:

American Eel
 Banded Darter
 Banded Pygmy Sunfish
 Bantam Sunfish
 Bigeye Chub
 Bigeye Shiner
 Bigmouth Buffalo
 Bigscale Logperch
 Black Bullhead
 Black Crappie
 Black Redhorse
 Blackspotted Topminnow
 Blackstripe Topminnow
 Blacktail Shiner
 Blue Catfish
 Bluegill Sunfish
 Bluntnose Darter
 Bluntnose Minnow
 Bowfin
 Brindled Madtom
 Brook Silverside
 Brown Trout
 Bullhead Minnow
 Central Stoneroller
 Channel Catfish
 Channel Darter
 Chestnut Lamprey
 Common Shiner
 Creek Chub
 Creek Chubsucker
 Cypress Darter
 Dollar Sunfish
 Dusky Darter
 Emerald Shiner
 Fantail Darter
 Fathead Minnow
 Flathead Catfish
 Flier
 Freckled Madtom
 Freshwater Drum
 Ghost Shiner

Gizzard Shad
 Golden Redhorse
 Golden Shiner
 Golden Topminnow
 Goldeneye
 Gravel Chub
 Green Sunfish
 Greenside Darter
 Highfin Carpsucker
 Hogsucker
 Hybrid Striped Bass
 Inland Silverside
 Johnny Darter
 Lake Chubsucker
 Largemouth Bass
 Largescale Stoneroller
 Least Darter
 Logperch
 Longear Sunfish
 Longnose Gar
 Mimic Shiner
 Mosquito Fish
 Mottled Sculpin
 Mud Darter
 Northern Studfish
 Orange-spotted Sunfish
 Orangethroat Darter
 Pirate Perch
 Plains Killifish
 Pugnose Shiner
 (Minnow)
 Quillback
 Rainbow Trout
 Red Shiner
 Redbreasted Sunfish
 Redear Sunfish
 Redfin Darter
 Redfin Pickerel
 Redfin Shiner
 Ribbon Shiner
 River Carpsucker
 River Redhorse

River Shiner
 Rock Bass
 Rosyface Shiner
 Sand Shiner
 Sauger
 Saugeye
 Scaly Sand Darter
 Shoal Speckled Chub
 Shortnose Gar
 Silverband Shiner
 Silvery Chub
 Silvery Minnow
 Skipjack
 Slender Madtom
 Slenderhead Darter
 Slim Minnow
 Slough Darter
 Smallmouth Bass
 Smallmouth Buffalo
 Southern Red-bellied
 Dace
 Speckled Darter
 Spotted Bass
 Spotted Gar
 Spotted Sucker
 Spotted Sunfish
 Starhead Minnow
 Steelcolor Shiner
 Stonecat
 Striped Bass
 Striped Mullet
 Suckermouth Minnow
 Swamp Darter
 Tadpole Madtom
 Threadfin Shad
 Walleye
 Warmouth
 White (Sand) Bass
 White Crappie
 White Sucker
 Yellow Bass
 Yellow Bullhead

Mammals:

American Badger
 American Beaver

American Elk
 Baird's Pocket Gopher

Big Brown Bat
 Big Free-tailed Bat
 Black Bear
 Black Rat
 Black-tailed Jackrabbit
 Bobcat
 Brush Mouse
 Cave Myotis
 Common Muskrat
 Common Porcupine
 Common Raccoon
 Cotton Mouse
 Coyote
 Deer Mouse
 Desert Cottontail
 Eastern Chipmunk
 Eastern Cottontail
 Eastern Mole
 Eastern Pipistrel
 Eastern Woodrat
 Elliot's Short-tailed Shrew
 Evening Bat
 Fox Squirrel
 Fulvous Harvest Mouse
 Gray Fox
 Gray Squirrel
 Hispid Cotton Rat
 Hispid Pocket Mouse
 Hoary Bat
 House Mouse

Reptiles:

Black Ratsnake
 Black-necked Gartersnake
 Broadhead Skink
 Brown Skink
 Bullsnake
 Central Plains Milksnake
 Checkered Gartersnake
 Coachwhip
 Collared Lizard
 Common Musk Turtle
 Common Snapping Turtle
 Copperhead
 DeKay's Brownsnake
 Desert Side-blotched Lizard
 Diamond-backed Watersnake
 Eastern Gartersnake
 Eastern Hognose Snake
 Eastern Racer
 Fence (Prairie) Lizard
 Five-lined Skink
 Flat-headed Snake
 Glossy Snake

Least Shrew
 Least Weasel
 Little Brown Myotis
 Mexican Woodrat
 Mink
 Mule Deer
 Nine-banded Armadillo
 Northern Grasshopper
 Mouse
 Northern Pygmy
 Mouse
 Norway Rat
 Nutria
 Ord's Kangaroo Rat
 Pallid Bat
 Pinyon Mouse
 Plains Harvest Mouse
 Plains Pocket Gopher
 Plains Pocket Mouse
 Prairie Vole
 Pronghorn
 Red Bat
 Red Fox
 Rock Mouse
 Rock Squirrel
 Silky Pocket Mouse
 Silver-haired Bat
 Southern Flying
 Squirrel

Graham's Crayfish
 Snake
 Great Plains Ratsnake
 Great Plains Skink
 Green Anole
 Ground Snake
 Lined Snake
 Mississippi Mud Turtle
 New Mexico Blind
 Snake
 Northern Watersnake
 Ornate Box Turtle
 Painted Turtle
 Plain-bellied
 Watersnake
 Plains Black-headed
 Snake
 Prairie Kingsnake
 Prairie Rattlesnake
 Pygmy Rattlesnake
 Red Milksnake
 Red-bellied Snake
 Red-eared Slider

Southern Plains
 Woodrat
 Southern Short-tailed
 Shrew
 Southern Short-tailed
 Shrew
 Spotted Ground Squirrel
 Striped Skunk
 Texas Mouse
 Thirteen-lined Ground
 Squirrel
 Virginia Opossum
 Western Harvest Mouse
 Western Pipistrel
 Western Small-footed
 Myotis
 Western Spotted Skunk
 White-ankled Mouse
 White-footed Mouse
 White-tailed Deer
 White-throated Woodrat
 Woodchuck
 Woodland Vole
 Yellow-faced Pocket
 Gopher
 Yuma Myotis

Red-sided Gartersnake
 Ring-necked Snake
 Rough Greensnake
 Six-lined Racerunner
 Slender Glass Lizard
 Southern (Broad-
 banded) Watersnake
 Southern Coal Skink
 Southern Prairie Skink
 Speckled Kingsnake
 Texas Nightsnake
 Texas Spotted Whiptail
 Three-toed Box Turtle
 Timber Rattlesnake
 Wandering Gartersnake
 Western Cottonmouth
 Western Hognose Snake
 Western Plains
 Gartersnake
 Western Ribbonsnake
 Western Worm Snake
 Yellow Mud Turtle

Appendix G: Oklahoma Species List with Scientific Names

Group	Common Name	Scientific Name
Amphibian	Blanchard's Cricket Frog	<i>Acris crepitans blanchardi</i>
Amphibian	Bullfrog	<i>Rana catesbeiana</i>
Amphibian	Cave Salamander	<i>Eurycea lucifuga</i>
Amphibian	Central Newt	<i>Notophthalmus viridescens louisianensis</i>
Amphibian	Cope's Gray Treefrog	<i>Hyla chrysoscelis</i>
Amphibian	Couch's Spadefoot	<i>Scaphiopus couchii</i>
Amphibian	Crawfish Frog	<i>Rana areolata</i>
Amphibian	Dark-sided Salamander	<i>Eurycea longicauda melanopleura</i>
Amphibian	Dwarf American Toad	<i>Bufo americanus charlesmithi</i>
Amphibian	Eastern Narrowmouth Toad	<i>Gastrophryne carolinensis</i>
Amphibian	Four-toed Salamander	<i>Hemidactylum scutatum</i>
Amphibian	Gray Treefrog	<i>Hyla versicolor</i>
Amphibian	Great Plains Narrowmouth Toad	<i>Gastrophryne olivacea</i>
Amphibian	Great Plains Toad	<i>Bufo cognatus</i>
Amphibian	Green Frog	<i>Rana clamitans</i>
Amphibian	Green Toad	<i>Bufo debilis</i>
Amphibian	Green Treefrog	<i>Hyla cinerea</i>
Amphibian	Grotto Salamander	<i>Typhlotriton spelaeus</i>
Amphibian	Hurter's Spadefoot	<i>Scaphiopus hurteri</i>
Amphibian	Kiamichi Slimy Salamander	<i>Plethodon kiamichi</i>
Amphibian	Many-ribbed Salamander	<i>Eurycea multiplicata</i>
Amphibian	Marbled Salamander	<i>Ambystoma opacum</i>
Amphibian	Mole Salamander	<i>Ambystoma talpoideum</i>
Amphibian	New Mexico Spadefoot	<i>Spea multiplicatus</i>
Amphibian	Northern Spring Peeper	<i>Pseudacris crucifer crucifer</i>
Amphibian	Oklahoma Salamander	<i>Eurycea tynesensis</i>
Amphibian	Ouachita Dusky Salamander	<i>Desmognathus brimleyorum</i>
Amphibian	Ozark Salamander	<i>Plethodon angusticlavius</i>
Amphibian	Pickerel Frog	<i>Rana palustris</i>
Amphibian	Plains Leopard Frog	<i>Rana blairi</i>
Amphibian	Plains Spadefoot	<i>Spea bombifrons</i>
Amphibian	Red River Mudpuppy	<i>Necturus maculosus louisianensis</i>
Amphibian	Red-spotted Toad	<i>Bufo punctatus</i>
Amphibian	Rich Mountain Salamander	<i>Plethodon ouachitae</i>
Amphibian	Ringed Salamander	<i>Ambystoma annulatum</i>
Amphibian	Sequoyah Slimy Salamander	<i>Plethodon sequoyah</i>
Amphibian	Smallmouth Salamander	<i>Ambystoma texanum</i>
Amphibian	Southern Leopard Frog	<i>Rana sphenoccephala</i>
Amphibian	Southern Red-backed Salamander	<i>Plethodon serratus</i>
Amphibian	Spotted Salamander	<i>Ambystoma maculatum</i>
Amphibian	Strecker's Chorus Frog	<i>Pseudacris streckeri</i>
Amphibian	Texas Toad	<i>Bufo speciosus</i>
Amphibian	Three-toed Amphiuma	<i>Amphiuma tridactylum</i>
Amphibian	Tiger Salamander	<i>Ambystoma tigrinum</i>
Amphibian	Upland Chorus Frog	<i>Pseudacris feriarum feriarum</i>
Amphibian	Western Bird-voiced Treefrog	<i>Hyla avivoca avivoca</i>
Amphibian	Western Chorus Frog	<i>Pseudacris triseriata</i>
Amphibian	Western Lesser Siren	<i>Siren intermedia nettingi</i>

Group	Common Name	Scientific Name
Amphibian	Western Slimy Salamander	<i>Plethodon albagula</i>
Amphibian	Wood Frog	<i>Rana sylvatica</i>
Amphibian	Woodhouse's Toad	<i>Bufo woodhousii</i>
Bird	Acadian Flycatcher	<i>Empidonax virescens</i>
Bird	Alder Flycatcher	<i>Empidonax alnorum</i>
Bird	American Avocet	<i>Recurvirostra americana</i>
Bird	American Bittern	<i>Botaurus lentiginosus</i>
Bird	American Coot	<i>Fulica americana</i>
Bird	American Crow	<i>Corvus brachyrhynchos</i>
Bird	American Golden Plover	<i>Pluvialis dominica</i>
Bird	American Goldfinch	<i>Carduelis tristis</i>
Bird	American Kestrel	<i>Falco sparverius paulus</i>
Bird	American Pipit	<i>Anthus rubescens</i>
Bird	American Redstart	<i>Setophaga ruticilla</i>
Bird	American Robin	<i>Turdus migratorius</i>
Bird	American Tree Sparrow	<i>Spizella arborea</i>
Bird	American White Pelican	<i>Pelecanus erythrorhynchos</i>
Bird	American Wigeon	<i>Anas americana</i>
Bird	American Woodcock	<i>Scolopax minor</i>
Bird	Anhinga	<i>Anhinga anhinga</i>
Bird	Ash-throated Flycatcher	<i>Myiarchus cinerascens</i>
Bird	Bachman's Sparrow	<i>Aimophila aestivalis</i>
Bird	Baird's Sandpiper	<i>Calidris bairdii</i>
Bird	Baird's Sparrow	<i>Ammodramus bairdii</i>
Bird	Bald Eagle	<i>Haliaeetus leucocephalus</i>
Bird	Baltimore Oriole	<i>Icterus galbula</i>
Bird	Bank Swallow	<i>Riparia riparia</i>
Bird	Barn Owl	<i>Tyto alba</i>
Bird	Barn Swallow	<i>Hirundo rustica</i>
Bird	Barred Owl	<i>Strix varia</i>
Bird	Bay-breasted Warbler	<i>Dendroica castanea</i>
Bird	Bell's Vireo	<i>Vireo bellii</i>
Bird	Belted Kingfisher	<i>Ceryle alcyon</i>
Bird	Bewick's Wren	<i>Thryomanes bewickii</i>
Bird	Black Rail	<i>Laterallus jamaicensis</i>
Bird	Black Tern	<i>Chlidonias niger</i>
Bird	Black Vulture	<i>Coragyps atratus</i>
Bird	Black-and-White Warbler	<i>Mniotilta varia</i>
Bird	Black-bellied Plover	<i>Pluvialis squatarola</i>
Bird	Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>
Bird	Black-billed Magpie	<i>Pica hudsonia</i>
Bird	Blackburnian Warbler	<i>Dendroica fusca</i>
Bird	Black-capped Vireo	<i>Vireo atricapillus</i>
Bird	Black-chinned Hummingbird	<i>Archilochus alexandri</i>
Bird	Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>
Bird	Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>
Bird	Black-necked Stilt	<i>Himantopus mexicanus</i>
Bird	Blackpoll Warbler	<i>Dendroica striata</i>
Bird	Black-throated Green Warbler	<i>Dendroica virens</i>
Bird	Black-throated Sparrow	<i>Amphispiza bilineata</i>

Group	Common Name	Scientific Name
Bird	Blue Grosbeak	<i>Guiraca caerulea</i>
Bird	Blue Jay	<i>Cyanocitta cristata</i>
Bird	Blue-gray Gnatcatcher	<i>Poliophtila caerulea</i>
Bird	Blue-headed Vireo	<i>Vireo solitarius</i>
Bird	Blue-winged Teal	<i>Anas discors</i>
Bird	Blue-winged Warbler	<i>Vermivora pinus</i>
Bird	Bobolink	<i>Dolichonyx oryzivorus</i>
Bird	Bonaparte's Gull	<i>Larus philadelphia</i>
Bird	Brewer's Blackbird	<i>Euphagus cyanocephalus</i>
Bird	Brewer's Sparrow	<i>Spizella breweri</i>
Bird	Broad-winged Hawk	<i>Buteo platypterus</i>
Bird	Brown Creeper	<i>Certhia americana</i>
Bird	Brown Thrasher	<i>Toxostoma rufum</i>
Bird	Brown-headed Cowbird	<i>Molothrus ater</i>
Bird	Brown-headed Nuthatch	<i>Sitta pusilla</i>
Bird	Buff-breasted Sandpiper	<i>Tryngites subruficollis</i>
Bird	Bufflehead	<i>Bucephala albeola</i>
Bird	Bullock's Oriole	<i>Icterus bullockii</i>
Bird	Burrowing Owl	<i>Athene cunicularia</i>
Bird	Canada Goose	<i>Branta canadensis</i>
Bird	Canada Warbler	<i>Wilsonia canadensis</i>
Bird	Canvasback	<i>Aythya valisineria</i>
Bird	Canyon Towhee	<i>Pipilo fuscus</i>
Bird	Canyon Wren	<i>Catherpes mexicanus</i>
Bird	Carolina Chickadee	<i>Poecile carolinensis</i>
Bird	Carolina Wren	<i>Thryothorus ludovicianus</i>
Bird	Caspian Tern	<i>Sterna caspia</i>
Bird	Cassin's Finch	<i>Carpodacus cassinii</i>
Bird	Cassin's Kingbird	<i>Tyrannus vociferans</i>
Bird	Cassin's Sparrow	<i>Aimophila cassinii</i>
Bird	Cattle Egret	<i>Bubulcus ibis</i>
Bird	Cedar Waxwing	<i>Bombycilla cedrorum</i>
Bird	Cerulean Warbler	<i>Dendroica cerulea</i>
Bird	Chestnut-collared Longspur	<i>Calcarius ornatus</i>
Bird	Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>
Bird	Chihuahuan Raven	<i>Corvus cryptoleucus</i>
Bird	Chimney Swift	<i>Chaetura pelagica</i>
Bird	Chipping Sparrow	<i>Spizella passerina</i>
Bird	Chuck-will's-widow	<i>Caprimulgus carolinensis</i>
Bird	Cinnamon Teal	<i>Anas cyanoptera</i>
Bird	Clay-colored Sparrow	<i>Spizella pallida</i>
Bird	Cliff Swallow	<i>Petrochelidon pyrrhonota</i>
Bird	Common Bushtit	<i>Psaltiriparus minimus</i>
Bird	Common Goldeneye	<i>Bucephala clangula</i>
Bird	Common Grackle	<i>Quiscalus quiscula</i>
Bird	Common Loon	<i>Gavia immer</i>
Bird	Common Merganser	<i>Mergus merganser</i>
Bird	Common Moorhen	<i>Gallinula chloropus</i>
Bird	Common Nighthawk	<i>Chordeiles minor</i>
Bird	Common Poorwill	<i>Phalaenoptilus nuttallii</i>

Group	Common Name	Scientific Name
Bird	Common Raven	<i>Corvus corax</i>
Bird	Common Tern	<i>Sterna hirundo</i>
Bird	Common Yellowthroat	<i>Geothlypis trichas</i>
Bird	Cooper's Hawk	<i>Accipiter cooperii</i>
Bird	Cordilleran Flycatcher	<i>Empidonax occidentalis</i>
Bird	Curve-billed Thrasher	<i>Toxostoma curvirostre</i>
Bird	Dark-eyed Junco	<i>Junco hyemalis</i>
Bird	Dickcissel	<i>Spiza americana</i>
Bird	Double-crested Cormorant	<i>Phalacrocorax auritus</i>
Bird	Downy Woodpecker	<i>Picoides pubescens</i>
Bird	Dunlin	<i>Calidris alpina</i>
Bird	Dusky Flycatcher	<i>Empidonax oberholseri</i>
Bird	Eared Grebe	<i>Podiceps nigricollis</i>
Bird	Eastern Bluebird	<i>Sialia sialis</i>
Bird	Eastern Kingbird	<i>Tyrannus tyrannus</i>
Bird	Eastern Meadowlark	<i>Sturnella magna</i>
Bird	Eastern Phoebe	<i>Sayornis phoebe</i>
Bird	Eastern Screech Owl	<i>Otus asio</i>
Bird	Eastern Towhee	<i>Pipilo erythrophthalmus</i>
Bird	Eastern Wood-Pewee	<i>Contopus virens</i>
Bird	Eurasian Collared Dove	<i>Streptopelia decaocto</i>
Bird	European Starling	<i>Sturnus vulgaris</i>
Bird	Evening Grosbeak	<i>Coccothraustes vespertinus</i>
Bird	Ferruginous Hawk	<i>Buteo regalis</i>
Bird	Field Sparrow	<i>Spizella pusilla</i>
Bird	Fish Crow	<i>Corvus ossifragus</i>
Bird	Forster's Tern	<i>Sterna forsteri</i>
Bird	Fox Sparrow	<i>Passerella iliaca</i>
Bird	Franklin's Gull	<i>Larus pipixcan</i>
Bird	Gadwall	<i>Anas strepera</i>
Bird	Glaucous Gull	<i>Larus hyperboreus</i>
Bird	Golden Eagle	<i>Aquila chrysaetos</i>
Bird	Golden-crowned Kinglet	<i>Regulus satrapa</i>
Bird	Golden-fronted Woodpecker	<i>Melanerpes aurifrons</i>
Bird	Golden-winged Warbler	<i>Vermivora chrysoptera</i>
Bird	Grasshopper Sparrow	<i>Ammodramus savannarum</i>
Bird	Gray Catbird	<i>Dumetella carolinensis</i>
Bird	Gray-cheeked Thrush	<i>Catharus minimus</i>
Bird	Great Blue Heron	<i>Ardea herodias</i>
Bird	Great Crested Flycatcher	<i>Myiarchus crinitus</i>
Bird	Great Egret	<i>Ardea alba</i>
Bird	Great Horned Owl	<i>Bubo virginianus</i>
Bird	Greater Prairie Chicken	<i>Tympanuchus cupido</i>
Bird	Greater Roadrunner	<i>Geococcyx californianus</i>
Bird	Greater Scaup	<i>Aythya marila</i>
Bird	Greater White-fronted Goose	<i>Anser albifrons</i>
Bird	Greater Yellowlegs	<i>Tringa melanoleuca</i>
Bird	Great-tailed Grackle	<i>Quiscalus mexicanus</i>
Bird	Green Heron	<i>Butorides virescens</i>
Bird	Green-tailed Towhee	<i>Pipilo chlorurus</i>

Group	Common Name	Scientific Name
Bird	Green-winged Teal	<i>Anas crecca</i>
Bird	Hairy Woodpecker	<i>Picoides villosus</i>
Bird	Hammond's Flycatcher	<i>Empidonax hammondii</i>
Bird	Harris's Sparrow	<i>Zonotrichia querula</i>
Bird	Henslow's Sparrow	<i>Ammodramus henslowii</i>
Bird	Hermit Thrush	<i>Catharus guttatus</i>
Bird	Herring Gull	<i>Larus argentatus</i>
Bird	Hooded Merganser	<i>Lophodytes cucullatus</i>
Bird	Hooded Warbler	<i>Wilsonia citrina</i>
Bird	Horned Grebe	<i>Podiceps auritus</i>
Bird	Horned Lark	<i>Eremophila alpestris</i>
Bird	House Finch	<i>Carpodacus mexicanus</i>
Bird	House Sparrow	<i>Passer domesticus</i>
Bird	House Wren	<i>Troglodytes aedon</i>
Bird	Hudsonian Godwit	<i>Limosa haemastica</i>
Bird	Inca Dove	<i>Columbina inca</i>
Bird	Indigo Bunting	<i>Passerina cyanea</i>
Bird	Interior Least Tern	<i>Sterna antillarum athalassos</i>
Bird	Juniper Titmouse	<i>Baeolophus ridgwayi</i>
Bird	Kentucky Warbler	<i>Oporornis formosus</i>
Bird	Killdeer	<i>Charadrius vociferus</i>
Bird	King Rail	<i>Rallus elegans</i>
Bird	Ladder-backed Woodpecker	<i>Picoides scalaris</i>
Bird	Lapland Longspur	<i>Calcarius lapponicus</i>
Bird	Lark Bunting	<i>Calamospiza melanocorys</i>
Bird	Lark Sparrow	<i>Chondestes grammacus</i>
Bird	Lazuli Bunting	<i>Passerina amoena</i>
Bird	Least Bittern	<i>Ixobrychus exilis</i>
Bird	Least Flycatcher	<i>Empidonax minimus</i>
Bird	Least Sandpiper	<i>Calidris minutilla</i>
Bird	LeConte's Sparrow	<i>Ammodramus leconteii</i>
Bird	Lesser Goldfinch	<i>Carduelis psaltria</i>
Bird	Lesser Prairie Chicken	<i>Tympanuchus pallidicinctus</i>
Bird	Lesser Scaup	<i>Aythya affinis</i>
Bird	Lesser Yellowlegs	<i>Tringa flavipes</i>
Bird	Lewis's Woodpecker	<i>Melanerpes lewis</i>
Bird	Lincoln's Sparrow	<i>Melospiza lincolni</i>
Bird	Little Blue Heron	<i>Egretta caerulea</i>
Bird	Loggerhead Shrike	<i>Lanius ludovicianus</i>
Bird	Long-billed Curlew	<i>Numenius americanus</i>
Bird	Long-billed Dowitcher	<i>Limnodromus scolopaceus</i>
Bird	Long-eared Owl	<i>Asio otus</i>
Bird	Louisiana Waterthrush	<i>Seiurus motacilla</i>
Bird	MacGillivray's Warbler	<i>Oporornis tolmiei</i>
Bird	Magnolia Warbler	<i>Dendroica magnolia</i>
Bird	Mallard	<i>Anas platyrhynchos</i>
Bird	Marbled Godwit	<i>Limosa fedoa</i>
Bird	Marsh Wren	<i>Cistothorus palustris</i>
Bird	McCown's Longspur	<i>Calcarius mccownii</i>
Bird	Merlin	<i>Falco columbarius</i>

Group	Common Name	Scientific Name
Bird	Mississippi Kite	<i>Ictinia mississippiensis</i>
Bird	Mountain Bluebird	<i>Sialia currucoides</i>
Bird	Mountain Plover	<i>Charadrius montanus</i>
Bird	Mourning Dove	<i>Zenaida macroura</i>
Bird	Mourning Warbler	<i>Oporornis philadelphia</i>
Bird	Nashville Warbler	<i>Vermivora ruficapilla</i>
Bird	Nelson's Sharp-tailed Sparrow	<i>Ammodramus nelsoni</i>
Bird	Neotropic Cormorant	<i>Phalacrocorax brasilianus</i>
Bird	Northern Bobwhite	<i>Colinus virginianus</i>
Bird	Northern Cardinal	<i>Cardinalis cardinalis</i>
Bird	Northern Flicker	<i>Colaptes auratus</i>
Bird	Northern Goshawk	<i>Accipiter gentilis</i>
Bird	Northern Harrier	<i>Circus cyaneus</i>
Bird	Northern Mockingbird	<i>Mimus polyglottos</i>
Bird	Northern Parula	<i>Parula americana</i>
Bird	Northern Pintail	<i>Anas acuta</i>
Bird	Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>
Bird	Northern Shoveler	<i>Anas clypeata</i>
Bird	Northern Shrike	<i>Lanius excubitor</i>
Bird	Northern Waterthrush	<i>Seiurus noveboracensis</i>
Bird	Olive-sided Flycatcher	<i>Contopus cooperi</i>
Bird	Orange-crowned Warbler	<i>Vermivora celata</i>
Bird	Orchard Oriole	<i>Icterus spurius</i>
Bird	Osprey	<i>Pandion haliaetus</i>
Bird	Ovenbird	<i>Seiurus aurocapillus</i>
Bird	Painted Bunting	<i>Passerina ciris</i>
Bird	Palm Warbler	<i>Dendroica palmarum</i>
Bird	Pectoral Sandpiper	<i>Calidris melanotos</i>
Bird	Peregrine Falcon	<i>Falco peregrinus</i>
Bird	Philadelphia Vireo	<i>Vireo philadelphicus</i>
Bird	Pied-billed Grebe	<i>Podilymbus podiceps</i>
Bird	Pileated Woodpecker	<i>Dryocopus pileatus</i>
Bird	Pine Siskin	<i>Carduelis pinus</i>
Bird	Pine Warbler	<i>Dendroica pinus</i>
Bird	Pinyon Jay	<i>Gymnorhinus cyanocephalus</i>
Bird	Piping Plover	<i>Charadrius melodus</i>
Bird	Plumbeous Vireo	<i>Vireo plumbeus</i>
Bird	Prairie Falcon	<i>Falco mexicanus</i>
Bird	Prairie Warbler	<i>Dendroica discolor</i>
Bird	Prothonotary Warbler	<i>Protonotaria citrea</i>
Bird	Purple Finch	<i>Carpodacus purpureus</i>
Bird	Purple Gallinule	<i>Porphyrio martinicus</i>
Bird	Purple Martin	<i>Progne subis</i>
Bird	Pygmy Nuthatch	<i>Sitta pygmaea</i>
Bird	Red Crossbill	<i>Loxia curvirostra</i>
Bird	Red Knot	<i>Calidris canutus</i>
Bird	Red-bellied Woodpecker	<i>Melanerpes carolinus</i>
Bird	Red-breasted Merganser	<i>Mergus serrator</i>
Bird	Red-breasted Nuthatch	<i>Sitta canadensis</i>
Bird	Red-cockaded Woodpecker	<i>Picoides borealis</i>

Group	Common Name	Scientific Name
Bird	Red-eyed Vireo	<i>Vireo olivaceus</i>
Bird	Redhead	<i>Aythya americana</i>
Bird	Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>
Bird	Red-shouldered Hawk	<i>Buteo lineatus</i>
Bird	Red-tailed Hawk	<i>Buteo jamaicensis</i>
Bird	Red-winged Blackbird	<i>Agelaius phoeniceus</i>
Bird	Ring-billed Gull	<i>Larus delawarensis</i>
Bird	Ring-necked Duck	<i>Aythya collaris</i>
Bird	Ring-necked Pheasant	<i>Phasianus colchicus</i>
Bird	Rock Pigeon	<i>Columba livia</i>
Bird	Rock Wren	<i>Salpinctes obsoletus</i>
Bird	Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>
Bird	Ross's Goose	<i>Chen rossii</i>
Bird	Rough-legged Hawk	<i>Buteo lagopus</i>
Bird	Ruby-crowned Kinglet	<i>Regulus calendula</i>
Bird	Ruby-throated Hummingbird	<i>Archilochus colubris</i>
Bird	Ruddy Duck	<i>Oxyura jamaicensis</i>
Bird	Ruddy Turnstone	<i>Arenaria interpres</i>
Bird	Rufous Hummingbird	<i>Selasphorus rufus</i>
Bird	Rufous-crowned Sparrow	<i>Aimophila ruficeps</i>
Bird	Rusty Blackbird	<i>Euphagus carolinus</i>
Bird	Sage Thrasher	<i>Oreoscoptes montanus</i>
Bird	Sanderling	<i>Calidris alba</i>
Bird	Sandhill Crane	<i>Grus canadensis</i>
Bird	Savannah Sparrow	<i>Passerculus sandwichensis</i>
Bird	Say's Phoebe	<i>Sayornis saya</i>
Bird	Scaled Quail	<i>Callipepla squamata</i>
Bird	Scarlet Tanager	<i>Piranga olivacea</i>
Bird	Scissor-tailed Flycatcher	<i>Tyrannus forficatus</i>
Bird	Sedge Wren	<i>Cistothorus platensis</i>
Bird	Semipalmated Plover	<i>Charadrius semipalmatus</i>
Bird	Semipalmated Sandpiper	<i>Calidris pusilla</i>
Bird	Sharp-shinned Hawk	<i>Accipiter striatus</i>
Bird	Short-billed Dowitcher	<i>Limnodromus griseus</i>
Bird	Short-eared Owl	<i>Asio flammeus</i>
Bird	Smith's Longspur	<i>Calcarius pictus</i>
Bird	Snow Goose	<i>Chen caerulescens</i>
Bird	Snowy Egret	<i>Egretta thula</i>
Bird	Snowy Owl	<i>Nyctea scandiaca</i>
Bird	Snowy Plover	<i>Charadrius alexandrinus</i>
Bird	Solitary Sandpiper	<i>Tringa solitaria</i>
Bird	Song Sparrow	<i>Melospiza melodia</i>
Bird	Sora	<i>Porzana carolina</i>
Bird	Spotted Sandpiper	<i>Actitis macularia</i>
Bird	Spotted Towhee	<i>Pipilo maculatus</i>
Bird	Sprague's Pipit	<i>Anthus spragueii</i>
Bird	Stilt Sandpiper	<i>Calidris himantopus</i>
Bird	Summer Tanager	<i>Piranga rubra</i>
Bird	Swainson's Hawk	<i>Buteo swainsoni</i>
Bird	Swainson's Thrush	<i>Catharus ustulatus</i>

Group	Common Name	Scientific Name
Bird	Swainson's Warbler	<i>Limnithlypis swainsonii</i>
Bird	Swallow-tailed Kite	<i>Elanoides forficatus</i>
Bird	Swamp Sparrow	<i>Melospiza georgiana</i>
Bird	Tennessee Warbler	<i>Vermivora peregrina</i>
Bird	Townsend's Solitaire	<i>Myadestes townsendi</i>
Bird	Townsend's Warbler	<i>Dendroica townsendi</i>
Bird	Tree Swallow	<i>Tachycineta bicolor</i>
Bird	Trumpeter Swan	<i>Cygnus buccinator</i>
Bird	Tufted Titmouse	<i>Baeolophus bicolor</i>
Bird	Tundra Swan	<i>Cygnus columbianus</i>
Bird	Turkey Vulture	<i>Cathartes aura</i>
Bird	Upland Sandpiper	<i>Bartramia longicauda</i>
Bird	Veery	<i>Catharus fuscescens</i>
Bird	Verdin	<i>Auriparus flaviceps</i>
Bird	Vesper Sparrow	<i>Pooecetes gramineus</i>
Bird	Virginia Rail	<i>Rallus limicola</i>
Bird	Virginia's Warbler	<i>Vermivora virginiae</i>
Bird	Warbling Vireo	<i>Vireo gilvus</i>
Bird	Western Grebe	<i>Aechmophorus occidentalis</i>
Bird	Western Kingbird	<i>Tyrannus verticalis</i>
Bird	Western Meadowlark	<i>Sturnella neglecta</i>
Bird	Western Sandpiper	<i>Calidris mauri</i>
Bird	Western Screech Owl	<i>Megascops kennicottii</i>
Bird	Western Scrub Jay	<i>Aphelocoma californica</i>
Bird	Western Tanager	<i>Piranga ludoviciana</i>
Bird	Western Wood-Pewee	<i>Contopus sordidulus</i>
Bird	Whimbrel	<i>Numenius phaeopus</i>
Bird	Whip-poor-will	<i>Caprimulgus vociferus</i>
Bird	White Ibis	<i>Eudocimus albus</i>
Bird	White-breasted Nuthatch	<i>Sitta carolinensis</i>
Bird	White-crowned Sparrow	<i>Zonotrichia leucophrys</i>
Bird	White-eyed Vireo	<i>Vireo griseus</i>
Bird	White-faced Ibis	<i>Plegadis chihi</i>
Bird	White-rumped Sandpiper	<i>Calidris fuscicollis</i>
Bird	White-tailed Kite	<i>Elanus leucurus</i>
Bird	White-throated Sparrow	<i>Zonotrichia albicollis</i>
Bird	Whooping Crane	<i>Grus americana</i>
Bird	Wild Turkey	<i>Meleagris gallopavo</i>
Bird	Willet	<i>Catoptrophorus semipalmatus</i>
Bird	Willow Flycatcher	<i>Empidonax traillii</i>
Bird	Wilson's (Common) Snipe	<i>Gallinago delicata</i>
Bird	Wilson's Phalarope	<i>Phalaropus tricolor</i>
Bird	Wilson's Warbler	<i>Wilsonia pusilla</i>
Bird	Winter Wren	<i>Troglodytes troglodytes</i>
Bird	Wood Duck	<i>Aix sponsa</i>
Bird	Wood Stork	<i>Mycteria americana</i>
Bird	Wood Thrush	<i>Hylocichla mustelina</i>
Bird	Worm-eating Warbler	<i>Helmitheros vermivorus</i>
Bird	Yellow Rail	<i>Coturnicops noveboracensis</i>
Bird	Yellow Warbler	<i>Dendroica petechia</i>

Group	Common Name	Scientific Name
Bird	Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>
Bird	Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>
Bird	Yellow-billed Cuckoo	<i>Coccyzus americanus</i>
Bird	Yellow-breasted Chat	<i>Icteria virens</i>
Bird	Yellow-crowned Night-Heron	<i>Nyctanassa violacea</i>
Bird	Yellow-headed Blackbird	<i>Xanthocephalus xanthocephalus</i>
Bird	Yellow-rumped Warbler	<i>Dendroica coronata</i>
Bird	Yellow-throated Vireo	<i>Vireo flavifrons</i>
Bird	Yellow-throated Warbler	<i>Dendroica dominica</i>
Fish	Alabama Shad	<i>Alosa alabamae</i>
Fish	Alligator Gar	<i>Atractosteus spatula</i>
Fish	American Eel	<i>Anguilla rostrata</i>
Fish	Arkansas Darter	<i>Etheostoma cragini</i>
Fish	Arkansas River Shiner	<i>Notropis girardi</i>
Fish	Arkansas River Speckled Chub	<i>Macrhybopsis tetranema</i>
Fish	Banded Darter	<i>Etheostoma zonale</i>
Fish	Banded Pygmy Sunfish	<i>Elassoma zonatum</i>
Fish	Bantam Sunfish	<i>Lepomis symmetricus</i>
Fish	Bigeye Chub	<i>Hybopsis amblops</i>
Fish	Bigeye Shiner	<i>Notropis boops</i>
Fish	Bigmouth Buffalo	<i>Ictiobus cyprinellus</i>
Fish	Bigscale Logperch	<i>Percina macrolepida</i>
Fish	Black Buffalo	<i>Ictiobus niger</i>
Fish	Black Bullhead	<i>Ameiurus melas</i>
Fish	Black Crappie	<i>Pomoxis nigromaculatus</i>
Fish	Black Redhorse	<i>Moxostoma duquesnei</i>
Fish	Blackside Darter	<i>Percina maculata</i>
Fish	Blackspot Shiner	<i>Notropis atrocaudalis</i>
Fish	Blackspotted Topminnow	<i>Fundulus olivaceus</i>
Fish	Blackstripe Topminnow	<i>Fundulus notatus</i>
Fish	Blacktail Shiner	<i>Cyprinella venusta</i>
Fish	Blue Catfish	<i>Ictalurus furcatus</i>
Fish	Blue River pop of Least Darter	<i>Etheostoma sp</i>
Fish	Blue Sucker	<i>Cycleptus elongatus</i>
Fish	Bluegill Sunfish	<i>Lepomis macrochirus</i>
Fish	Bluehead Shiner	<i>Pteronotropis hubbsi</i>
Fish	Bluntnose Shiner	<i>Cyprinella camurus</i>
Fish	Bluntnose Darter	<i>Etheostoma chlorosomum</i>
Fish	Bluntnose Minnow	<i>Pimaphales notatus</i>
Fish	Bowfin	<i>Amia calva</i>
Fish	Brindled Madtom	<i>Noturus miurus</i>
Fish	Brook Silverside	<i>Labidesthes sicculus</i>
Fish	Brown Bullhead	<i>Ameiurus nebulosus</i>
Fish	Brown Trout	<i>Salmo trutta</i>
Fish	Bullhead Minnow	<i>Pimaphales vigilax</i>
Fish	Cardinal Shiner	<i>Luxilus cardinalis</i>
Fish	Central Stoneroller	<i>Campostoma anomalum</i>
Fish	Chain Pickerel	<i>Esox niger</i>
Fish	Channel Catfish	<i>Ictalurus punctatus</i>
Fish	Channel Darter	<i>Percina copelandi</i>

Group	Common Name	Scientific Name
Fish	Chestnut Lamprey	<i>Ichthyomyzon castaneus</i>
Fish	Chub Shiner	<i>Notropis potteri</i>
Fish	Creek Chub	<i>Semotilus atromaculatus</i>
Fish	Creek Chubsucker	<i>Erimyzon oblongus</i>
Fish	Creole Darter	<i>Etheostoma collettei</i>
Fish	Crystal Darter	<i>Crystallaria asprella</i>
Fish	Cypress Darter	<i>Etheostoma proeliare</i>
Fish	Cypress Minnow	<i>Hybognathus hayi</i>
Fish	Dollar Sunfish	<i>Lepomis marginatus</i>
Fish	Dusky Darter	<i>Percina sciera</i>
Fish	Emerald Shiner	<i>Notropis atherinoides</i>
Fish	Fantail Darter	<i>Etheostoma flabellare</i>
Fish	Fathead Minnow	<i>Pimephales promelas</i>
Fish	Flathead Catfish	<i>Pylodictis olivaris</i>
Fish	Flathead Chub	<i>Platygobio gracilis</i>
Fish	Flier	<i>Centrarchus macropterus</i>
Fish	Freckled Madtom	<i>Noturus nocturnus</i>
Fish	Freshwater Drum	<i>Aplodinotus grunniens</i>
Fish	Ghost Shiner	<i>Notropis buchanani</i>
Fish	Gizzard Shad	<i>Dorosoma cepedianum</i>
Fish	Golden Redhorse	<i>Moxostoma erythrurum</i>
Fish	Golden Shiner	<i>Notemigonus crysoleucas</i>
Fish	Golden Topminnow	<i>Fundulus chrysotus</i>
Fish	Goldeneye	<i>Hiodon alosoides</i>
Fish	Goldstripe Darter	<i>Etheostoma parvipinne</i>
Fish	Gravel Chub	<i>Erimystax x-punctata</i>
Fish	Green Sunfish	<i>Lepomis cyanellus</i>
Fish	Greenside Darter	<i>Etheostoma blennioides</i>
Fish	Harlequin Darter	<i>Etheostoma histrio</i>
Fish	Highfin Carpsucker	<i>Carpionodes velifer</i>
Fish	Hogsucker	<i>Hypentelium nigricans</i>
Fish	Hybrid Striped Bass	<i>Morone saxatilis x chrysops</i>
Fish	Inland Silverside	<i>Menidia beryllina</i>
Fish	Ironcolor Shiner	<i>Notropis chalybaeus</i>
Fish	Johnny Darter	<i>Etheostoma nigrum</i>
Fish	Kiamichi Shiner	<i>Notropis ortenburgeri</i>
Fish	Lake Chubsucker	<i>Erimyzon sucetta</i>
Fish	Largemouth Bass	<i>Micropterus salmoides</i>
Fish	Largescale Stoneroller	<i>Campostoma oligolepis</i>
Fish	Least Darter	<i>Etheostoma microperca</i>
Fish	Leopard Darter	<i>Percina pantherina</i>
Fish	Logperch	<i>Percina caprodes</i>
Fish	Longear Sunfish	<i>Lepomis megalotis</i>
Fish	Longnose Darter	<i>Percina nasuta</i>
Fish	Longnose Gar	<i>Lepisosteus osseus</i>
Fish	Mimic Shiner	<i>Notropis volucellus</i>
Fish	Mooneye	<i>Hiodon tergisus</i>
Fish	Mosquito Fish	<i>Gambusia affinis</i>
Fish	Mottled Sculpin	<i>Cottus carolinae</i>
Fish	Mountain Madtom	<i>Noturus eleutherus</i>

Group	Common Name	Scientific Name
Fish	Mud Darter	<i>Etheostoma asprigene</i>
Fish	Neosho Madtom	<i>Noturus placidus</i>
Fish	Northern Studfish	<i>Fundulus catenatus</i>
Fish	Orangebelly Darter	<i>Etheostoma radiosum</i>
Fish	Orange-spotted Sunfish	<i>Lepomis humilis</i>
Fish	Orangethroat Darter	<i>Etheostoma spectabile</i>
Fish	Ouachita Mountain Shiner	<i>Lythurus snelsoni</i>
Fish	Ozark Cavefish	<i>Amblyopsis rosae</i>
Fish	Ozark Minnow	<i>Notropis nubilus</i>
Fish	Paddlefish	<i>Polyodon spathula</i>
Fish	Pallid Shiner (Chub)	<i>Chub (Hybopsis amnis)</i>
Fish	Peppered (Colorless) Shiner	<i>Notropis perpallidus</i>
Fish	Pirate Perch	<i>Aphredoderus sayanus</i>
Fish	Plains Killifish	<i>Fundulus zebrinus</i>
Fish	Plains Minnow	<i>Hybognathus placitus</i>
Fish	Plains Topminnow	<i>Fundulus sciadicus</i>
Fish	Prairie Speckled Chub	<i>Macrhybopsis australis</i>
Fish	Pugnose Shiner (Minnow)	<i>Notropis emiliae</i>
Fish	Quillback	<i>Carpiodes cyprinus</i>
Fish	Rainbow Trout	<i>Oncorhynchus mykiss</i>
Fish	Red River Pupfish	<i>Cyprinodon rubrofluviatilis</i>
Fish	Red River Shiner	<i>Notropis bairdi</i>
Fish	Red Shiner	<i>Cyprinella lutrensis</i>
Fish	Redbreasted Sunfish	<i>Lepomis auritus</i>
Fish	Redear Sunfish	<i>Lepomis microlophus</i>
Fish	Redfin Darter	<i>Etheostoma whipplei</i>
Fish	Redfin Pickerel	<i>Esox americanus</i>
Fish	Redfin Shiner	<i>Lythurus umbratilis</i>
Fish	Redspot Chub	<i>Nocomis asper</i>
Fish	Ribbon Shiner	<i>Lythurus fumeus</i>
Fish	River Carpsucker	<i>Carpiodes carpio</i>
Fish	River Darter	<i>Percina shumardi</i>
Fish	River Redhorse	<i>Moxostoma carinatum</i>
Fish	River Shiner	<i>Notropis blennioides</i>
Fish	Rock Bass	<i>Ambloplites rupestris</i>
Fish	Rocky Shiner	<i>Notropis suttkusi</i>
Fish	Rosyface Shiner	<i>Notropis rubellus</i>
Fish	Sand Shiner	<i>Notropis stramineus</i>
Fish	Sauger	<i>Sander canadensis</i>
Fish	Saugeye	<i>Sander canadense x vitreus</i>
Fish	Scaly Sand Darter	<i>Ammocrypta vivax</i>
Fish	Shoal Speckled Chub	<i>Macrhybopsis hystoma</i>
Fish	Shorthead Redhorse	<i>Moxostoma macrolepidotum</i>
Fish	Shortnose Gar	<i>Lepisosteus platostomus</i>
Fish	Shovelnose Sturgeon	<i>Scaphirhynchus platyrhynchus</i>
Fish	Silverband Shiner	<i>Notropis shumardi</i>
Fish	Silvery Chub	<i>Macrhybopsis storeriana</i>
Fish	Silvery Minnow	<i>Hybognathus nuchalis</i>
Fish	Skipjack	<i>Alosa chrysochloris</i>
Fish	Slender Madtom	<i>Noturus exilis</i>

Group	Common Name	Scientific Name
Fish	Slenderhead Darter	<i>Percina phoxocephala</i>
Fish	Slim Minnow	<i>Pimephales tenellus</i>
Fish	Slough Darter	<i>Etheostoma gracile</i>
Fish	Smallmouth Bass	<i>Micropterus dolomieu</i>
Fish	Smallmouth Buffalo	<i>Ictiobus bubalus</i>
Fish	Southern Brook Lamprey	<i>Ichthyomyzon gagei</i>
Fish	Southern Red-bellied Dace	<i>Phoxinus erythrogaster</i>
Fish	Speckled Darter	<i>Etheostoma stigmaeum</i>
Fish	Spotfin Shiner	<i>Cyprinella spilopterus</i>
Fish	Spotted Bass	<i>Micropterus punctulatus</i>
Fish	Spotted Gar	<i>Lepisosteus oculatus</i>
Fish	Spotted Sucker	<i>Minytrema melanops</i>
Fish	Spotted Sunfish	<i>Lepomis punctatus</i>
Fish	Starhead Minnow	<i>Fundulus blairae</i>
Fish	Steelcolor Shiner	<i>Cyprinella whipplei</i>
Fish	Stonecat	<i>Noturus flavus</i>
Fish	Striped Bass	<i>Morone saxatilis</i>
Fish	Striped Mullet	<i>Mugil cephalus</i>
Fish	Striped Shiner	<i>Luxilus chrysocephalus</i>
Fish	Suckermouth Minnow	<i>Phenacobius mirabilis</i>
Fish	Sunburst (Stippled) Darter	<i>Etheostoma punctulatum</i>
Fish	Swamp Darter	<i>Etheostoma fusiforme</i>
Fish	Tadpole Madtom	<i>Noturus gyrinus</i>
Fish	Taillight Shiner	<i>Notropis maculatus</i>
Fish	Threadfin Shad	<i>Dorosoma petenense</i>
Fish	Walleye	<i>Sander vitreus</i>
Fish	Warmouth	<i>Lepomis gulosus</i>
Fish	Wedgespot Shiner	<i>Notropis greenei</i>
Fish	Western Sand Darter	<i>Ammocrypta clara</i>
Fish	White (Sand) Bass	<i>Morone chrysops</i>
Fish	White Crappie	<i>Pomoxis annularis</i>
Fish	White Sucker	<i>Catostomus commersoni</i>
Fish	Yellow Bass	<i>Morone mississippiensis</i>
Fish	Yellow Bullhead	<i>Ameiurus natalis</i>
Invertebrate	American Burying Beetle	<i>Nicrophorus americanus</i>
Invertebrate	Big Cedar Grasshopper	<i>Eximacris phenax</i>
Invertebrate	Black Sandshell	<i>Ligumia recta</i>
Invertebrate	Bleufer	<i>Potamilus purpuratus</i>
Invertebrate	Bowman's Cave Amphipod	<i>Stygobromus bowmani</i>
Invertebrate	Butterfly Mussel	<i>Ellipsaria lineolata</i>
Invertebrate	Byssus Skipper	<i>Problema byssus</i>
Invertebrate	Caecidotea acuticarpa	<i>Caecidotea acuticarpa</i>
Invertebrate	Caecidotea ancyla	<i>Caecidotea ancyla</i>
Invertebrate	Caecidotea antricola	<i>Caecidotea antricola</i>
Invertebrate	Caecidotea macropoda	<i>Caecidotea macropoda</i>
Invertebrate	Caecidotea simulator	<i>Caecidotea simulator</i>
Invertebrate	Caecidotea stiladactyla	<i>Caecidotea stiladactyla</i>
Invertebrate	Cave Crayfish	<i>Cambarus subterraneus</i>
Invertebrate	Diana Fritillary	<i>Speyeria diana</i>
Invertebrate	Dotted Skipper	<i>Hesperia attalus</i>

Group	Common Name	Scientific Name
Invertebrate	Elktoe	<i>Alasmidonta marginata</i>
Invertebrate	Faxonella blairi	<i>Faxonella blairi</i>
Invertebrate	Iowa Skipper	<i>Atrytone arogos iowa</i>
Invertebrate	Kansas Well Amphipod	<i>Bactrurus hubrichti</i>
Invertebrate	Kiamichi Crayfish	<i>Orconectes saxatilis</i>
Invertebrate	Linda's Roadside Skipper	<i>Amblyscirtes linda</i>
Invertebrate	Little Dubiraphian Riffle Beetle	<i>Dubiraphia parva</i>
Invertebrate	Little Spectaclecase	<i>Villosa lienosa</i>
Invertebrate	Louisiana Fatmucket	<i>Lampsilis hydiana</i>
Invertebrate	Monkeyface Mussel	<i>Quadrula metanevra</i>
Invertebrate	Neosho Mucket	<i>Lampsilis rafinesqueana</i>
Invertebrate	Ohio River Pigtoe	<i>Pleurobema cordatum</i>
Invertebrate	Oklahoma Cave Amphipod	<i>Allocragonyx pellucidus</i>
Invertebrate	Oklahoma Cave Crayfish	<i>Cambarus tartarus</i>
Invertebrate	Oklahoma Clubtail	<i>Gomphus oklahomensis</i>
Invertebrate	Orconectes menae	<i>Orconectes menae</i>
Invertebrate	Orconectes nana	<i>Orconectes nana</i>
Invertebrate	Ouachita Creekshell	<i>Villosa arkansasensis</i>
Invertebrate	Ouachita Kidneyshell	<i>Ptychobranhus occidentalis</i>
Invertebrate	Ouachita Rock Pocketbook	<i>Arkansia wheeleri</i>
Invertebrate	Outis Skipper	<i>Cogia outis</i>
Invertebrate	Ozark Cave Amphipod	<i>Stygobromus ozarkensis</i>
Invertebrate	Ozark Clubtail	<i>Gomphus ozarkensis</i>
Invertebrate	Ozark Emerald	<i>Somatochlora ozarkensis</i>
Invertebrate	Ozark Pigtoe	<i>Fusconia ozarkensis</i>
Invertebrate	Plain Pocketbook	<i>Lampsilis cardium</i>
Invertebrate	Prairie Mole Cricket	<i>Gryllotalpa major</i>
Invertebrate	Procambarus tenuis	<i>Procambarus tenuis</i>
Invertebrate	Purple Lilliput	<i>Toxolasma lividum</i>
Invertebrate	Rabbitsfoot	<i>Quadrula cylindrica</i>
Invertebrate	Rattlesnake Master Borer	<i>Papaipema eryngii</i>
Invertebrate	Regal Fritillary	<i>Speyeria idalia</i>
Invertebrate	Rich Mountain Slitmouth Snail	<i>Stenotrema pilsbryi</i>
Invertebrate	Scaleshell	<i>Leptodea leptodon</i>
Invertebrate	Shinnery Oak Buck Moth	<i>Hemileuca slosseri</i>
Invertebrate	Southern Hickorynut	<i>Obovaria jacksoniana</i>
Invertebrate	Texas Lilliput	<i>Toxolasma texasiensis</i>
Invertebrate	Threeridge Mussel	<i>Amblema plicata</i>
Invertebrate	Wartyback Mussel	<i>Quadrula nodulata</i>
Invertebrate	Washboard	<i>Megaloniaias nervosa</i>
Invertebrate	Western Fanshell	<i>Cyprogenia aberti</i>
Invertebrate	Winged Mapleleaf	<i>Quadrula fragosa</i>
Mammal	American Badger	<i>Taxidea taxus</i>
Mammal	American Beaver	<i>Castor canadensis</i>
Mammal	American Elk	<i>Cervus elaphus</i>
Mammal	Baird's Pocket Gopher	<i>Geomys breviceps</i>
Mammal	Big Brown Bat	<i>Eptesicus fuscus</i>
Mammal	Big Free-tailed Bat	<i>Nyctinomops macrotis</i>
Mammal	Black Bear	<i>Ursus americanus</i>
Mammal	Black Rat	<i>Rattus rattus</i>

Group	Common Name	Scientific Name
Mammal	Black-tailed Jackrabbit	<i>Lepus californicus</i>
Mammal	Black-tailed Prairie Dog	<i>Cynomys ludovicianus</i>
Mammal	Bobcat	<i>Lynx rufus</i>
Mammal	Brazilian (Mexican) Free-tailed Bat	<i>Tadarida brasiliensis</i>
Mammal	Brush Mouse	<i>Peromyscus boylii</i>
Mammal	Cave Myotis	<i>Myotis velifer</i>
Mammal	Colorado Chipmunk	<i>Tamias quadrivittatus</i>
Mammal	Common Muskrat	<i>Ondatra zibethicus</i>
Mammal	Common Porcupine	<i>Erethizon dorsatum</i>
Mammal	Common Raccoon	<i>Procyon lotor</i>
Mammal	Cotton Mouse	<i>Peromyscus gossypinus</i>
Mammal	Coyote	<i>Canis latrans</i>
Mammal	Deer Mouse	<i>Peromyscus maniculatus</i>
Mammal	Desert Cottontail	<i>Sylvilagus audubonii</i>
Mammal	Desert Shrew	<i>Notiosorex crawfordi</i>
Mammal	Eastern Chipmunk	<i>Tamias striatus</i>
Mammal	Eastern Cottontail	<i>Sylvilagus floridanus</i>
Mammal	Eastern Harvest Mouse	<i>Reithrodontomys humilis</i>
Mammal	Eastern Mole	<i>Scalopus aquaticus</i>
Mammal	Eastern Pipitrel	<i>Pipistrellus subflavus</i>
Mammal	Eastern Small-footed Myotis	<i>Myotis leibii</i>
Mammal	Eastern Spotted Skunk	<i>Spilogale putorius</i>
Mammal	Eastern Woodrat	<i>Neotoma floridana</i>
Mammal	Elliot's Short-tailed Shrew	<i>Blarina hylophaga</i>
Mammal	Evening Bat	<i>Nycticeius humeralis</i>
Mammal	Fox Squirrel	<i>Sciurus niger</i>
Mammal	Fulvous Harvest Mouse	<i>Reithrodontomys fulvescens</i>
Mammal	Golden Mouse	<i>Ochrotomys nuttalli</i>
Mammal	Gray Fox	<i>Urocyon cinereoargenteus</i>
Mammal	Gray Myotis	<i>Myotis grisescens</i>
Mammal	Gray Squirrel	<i>Sciurus carolinensis</i>
Mammal	Hispid Cotton Rat	<i>Sigmodon hispidus</i>
Mammal	Hispid Pocket Mouse	<i>Chaetodipus hispidus</i>
Mammal	Hoary Bat	<i>Lasiurus cinereus</i>
Mammal	Hog-nosed Skunk	<i>Conepatus mesoleucus</i>
Mammal	House Mouse	<i>Mus musculus</i>
Mammal	Indiana Myotis	<i>Myotis sodalis</i>
Mammal	Least Shrew	<i>Cryptotis parva</i>
Mammal	Least Weasel	<i>Mustela nivalis</i>
Mammal	Little Brown Myotis	<i>Myotis lucifugus</i>
Mammal	Long-tailed Weasel	<i>Mustela frenata</i>
Mammal	Marsh Rice Rat	<i>Oryzomys palustris</i>
Mammal	Meadow Jumping Mouse	<i>Zapus hudsonius</i>
Mammal	Mexican Woodrat	<i>Neotoma mexicana</i>
Mammal	Mink	<i>Mustela vison</i>
Mammal	Mountain Lion	<i>Puma concolor</i>
Mammal	Mule Deer	<i>Odocoileus hemionus</i>
Mammal	Nine-banded Armadillo	<i>Dasypus novemcinctus</i>
Mammal	Northern Grasshopper Mouse	<i>Onychomys leucogaster</i>
Mammal	Northern Long-eared Myotis	<i>Myotis septentrionalis</i>

Group	Common Name	Scientific Name
Mammal	Northern Pygmy Mouse	<i>Baiomys taylori</i>
Mammal	Norway Rat	<i>Rattus norvegicus</i>
Mammal	Nutria	<i>Myocastor coypus</i>
Mammal	Ord's Kangaroo Rat	<i>Dipodomys ordii</i>
Mammal	Ozark Big-eared Bat	<i>Corynorhinus townsendii ingens</i>
Mammal	Pallid Bat	<i>Antrozous pallidus</i>
Mammal	Pinyon Mouse	<i>Peromyscus truei</i>
Mammal	Plains Harvest Mouse	<i>Reithrodontomys montanus</i>
Mammal	Plains Pocket Gopher	<i>Geomys bursarius</i>
Mammal	Plains Pocket Mouse	<i>Perognathus flavescens</i>
Mammal	Prairie Vole	<i>Microtus ochrogaster</i>
Mammal	Pronghorn	<i>Antilocapra americana</i>
Mammal	Rafinesque's Big-eared Bat	<i>Corynorhinus rafinesquii</i>
Mammal	Red Bat	<i>Lasiurus borealis</i>
Mammal	Red Fox	<i>Vulpes vulpes</i>
Mammal	Ringtail	<i>Bassariscus astutus</i>
Mammal	River Otter	<i>Lontra canadensis</i>
Mammal	Rock Mouse	<i>Peromyscus difficilis</i>
Mammal	Rock Squirrel	<i>Spermophilus variegatus</i>
Mammal	Seminole Bat	<i>Lasiurus seminolus</i>
Mammal	Silky Pocket Mouse	<i>Perognathus flavus</i>
Mammal	Silver-haired Bat	<i>Lasionycteris noctivagans</i>
Mammal	Southeastern Myotis	<i>Myotis austroriparius</i>
Mammal	Southern Flying Squirrel	<i>Glaucomys volans</i>
Mammal	Southern Plains Woodrat	<i>Neotoma micropus</i>
Mammal	Southern Short-tailed Shrew	<i>Sorex longirostris</i>
Mammal	Southern Short-tailed Shrew	<i>Blarina carolinensis</i>
Mammal	Spotted Ground Squirrel	<i>Spermophilus spilosoma</i>
Mammal	Striped Skunk	<i>Mephitis mephitis</i>
Mammal	Swamp Rabbit	<i>Sylvilagus aquaticus</i>
Mammal	Swift Fox	<i>Vulpes velox</i>
Mammal	Texas Kangaroo Rat	<i>Dipodomys elator</i>
Mammal	Texas Mouse	<i>Peromyscus attwateri</i>
Mammal	Thirteen-lined Ground Squirrel	<i>Spermophilus tridecemlineatus</i>
Mammal	Virginia Opossum	<i>Didelphis virginiana</i>
Mammal	Western Big-eared Bat	<i>Corynorhinus townsendii pallescens</i>
Mammal	Western Harvest Mouse	<i>Reithrodontomys megalotis</i>
Mammal	Western Pipistrel	<i>Pipistrellus hesperus</i>
Mammal	Western Small-footed Myotis	<i>Myotis ciliolabrum</i>
Mammal	Western Spotted Skunk	<i>Spilogale gracilis</i>
Mammal	White-ankled Mouse	<i>Peromyscus pectoralis</i>
Mammal	White-footed Mouse	<i>Peromyscus leucopus</i>
Mammal	White-tailed Deer	<i>Odocoileus virginianus</i>
Mammal	White-throated Woodrat	<i>Neotoma albigula</i>
Mammal	Woodchuck	<i>Marmota monax</i>
Mammal	Woodland Vole	<i>Microtus pinetorum</i>
Mammal	Yellow-faced Pocket Gopher	<i>Cratogeomys castanops</i>
Mammal	Yuma Myotis	<i>Myotis yumanensis</i>
Reptile	Alligator Snapping Turtle	<i>Macrochelys temminckii</i>
Reptile	American Alligator	<i>Alligator mississippiensis</i>

Group	Common Name	Scientific Name
Reptile	Black Ratsnake	<i>Elaphe obsoleta</i>
Reptile	Black-necked Gartersnake	<i>Thamnophis cyrtopsis</i>
Reptile	Broadhead Skink	<i>Eumeces laticeps</i>
Reptile	Brown Skink	<i>Scincella lateralis</i>
Reptile	Bullsnake	<i>Pituophis catenifer sayi</i>
Reptile	Central Plains Milksnake	<i>Lampropeltis triangulum gentilis</i>
Reptile	Checkered Gartersnake	<i>Thamnophis marcianus</i>
Reptile	Coachwhip	<i>Masticophis flagellum</i>
Reptile	Collared Lizard	<i>Crotaphytus collaris</i>
Reptile	Common Checkered Whiptail	<i>Cnemidophorus tessellatus</i>
Reptile	Common Lesser Earless Lizard	<i>Holbrookia maculata</i>
Reptile	Common Musk Turtle	<i>Sternotherus odoratus</i>
Reptile	Common Snapping Turtle	<i>Chelydra serpentina</i>
Reptile	Copperhead	<i>Agkistrodon contortrix</i>
Reptile	DeKay's Brownsnake	<i>Storeria dekayi</i>
Reptile	Desert Side-blotched Lizard	<i>Uta stansburiana stejnegeri</i>
Reptile	Diamond-backed Watersnake	<i>Nerodia rhombifer</i>
Reptile	Eastern Gartersnake	<i>Thamnophis sirtalis sirtalis</i>
Reptile	Eastern Hognose Snake	<i>Heterodon platyrhinos</i>
Reptile	Eastern Racer	<i>Coluber constrictor</i>
Reptile	Eastern River Cooter	<i>Pseudemys concinna concinna</i>
Reptile	Fence (Prairie) Lizard	<i>Sceloporus undulatus</i>
Reptile	Five-lined Skink	<i>Eumeces fasciatus</i>
Reptile	Flat-headed Snake	<i>Tantilla gracilis</i>
Reptile	Glossy Snake	<i>Arizona elegans</i>
Reptile	Graham's Crayfish Snake	<i>Regina grahamii</i>
Reptile	Great Plains Ratsnake	<i>Elaphe guttata emoryi</i>
Reptile	Great Plains Skink	<i>Eumeces obsoletus</i>
Reptile	Green Anole	<i>Anolis carolinensis</i>
Reptile	Ground Snake	<i>Sonora semiannulata</i>
Reptile	Gulf Crayfish Snake	<i>Regina rigida sinicola</i>
Reptile	Lined Snake	<i>Tropidoclonion lineatum</i>
Reptile	Louisiana Milksnake	<i>Lampropeltis triangulum amaura</i>
Reptile	Midland Smooth Softshell	<i>Apalone mutica mutica</i>
Reptile	Mississippi Map Turtle	<i>Graptemys pseudogeographica kohnii</i>
Reptile	Mississippi Mud Turtle	<i>Kinosternon subrubrum hippocrepis</i>
Reptile	New Mexico Blind Snake	<i>Leptotyphlops dulcis</i>
Reptile	Northern Map Turtle	<i>Graptemys geographica</i>
Reptile	Northern Scarletsnake	<i>Cemophora coccinea copei</i>
Reptile	Northern Watersnake	<i>Nerodia sipedon</i>
Reptile	Ornate Box Turtle	<i>Terrepene ornata</i>
Reptile	Ouachita Map Turtle	<i>Graptemys ouachitensis ouachitensis</i>
Reptile	Painted Turtle	<i>Chrysemys picta</i>
Reptile	Plain-bellied Watersnake	<i>Nerodia erythrogaster</i>
Reptile	Plains Black-headed Snake	<i>Tantilla nigriceps</i>
Reptile	Prairie Kingsnake	<i>Lampropeltis calligaster</i>
Reptile	Prairie Rattlesnake	<i>Crotalus viridis viridis</i>
Reptile	Pygmy Rattlesnake	<i>Sistrurus miliarius</i>
Reptile	Razor-backed Musk Turtle	<i>Sternotherus carinatus</i>
Reptile	Red Milksnake	<i>Lampropeltis triangulum sypila</i>

Group	Common Name	Scientific Name
Reptile	Red-bellied Snake	<i>Storeria occipitomaculata</i>
Reptile	Red-eared Slider	<i>Trachemys scripta elegans</i>
Reptile	Red-sided Gartersnake	<i>Thamnopsis sirtalis parietalis</i>
Reptile	Ring-necked Snake	<i>Diadophis punctatus</i>
Reptile	Rough Greensnake	<i>Opheodrys aestivus</i>
Reptile	Round-tailed Horned Lizard	<i>Phrynosoma modestum</i>
Reptile	Six-lined Racerunner	<i>Cnemidophorus sexlineatus</i>
Reptile	Slender Glass Lizard	<i>Ophisaurus attenuatus</i>
Reptile	Southern (Broad-banded) Watersnake	<i>Nerodia fasciata</i>
Reptile	Southern Coal Skink	<i>Eumeces anthracinus</i>
Reptile	Southern Prairie Skink	<i>Eumeces septentrionalis</i>
Reptile	Speckled Kingsnake	<i>Lampropeltis getula holbrooki</i>
Reptile	Spiny Softshell Turtle	<i>Apalone spiniferus</i>
Reptile	Texas Gartersnake	<i>Thamnopsis sirtalis annectens</i>
Reptile	Texas Horned Lizard	<i>Phrynosoma cornutum</i>
Reptile	Texas Long-nosed Snake	<i>Rhinocheilus lecontei tessellatus</i>
Reptile	Texas Nightsnake	<i>Hypsiglena torquata janii</i>
Reptile	Texas Spotted Whiptail	<i>Cnemidophorus gularis</i>
Reptile	Three-toed Box Turtle	<i>Terrapene carolina</i>
Reptile	Timber Rattlesnake	<i>Crotalus horridus</i>
Reptile	Wandering Gartersnake	<i>Thamnopsis elegans vagrans</i>
Reptile	Western Chicken Turtle	<i>Deirochelys reticularia miaria</i>
Reptile	Western Cottonmouth	<i>Agkistrodon piscivorus leucostoma</i>
Reptile	Western Diamond-backed Rattlesnake	<i>Crotalus atrox</i>
Reptile	Western Hognose Snake	<i>Heterodon nasicus</i>
Reptile	Western Massasauga	<i>Sistrurus catenatus tergeminus</i>
Reptile	Western Mudsnake	<i>Farancia abacura reinwardtii</i>
Reptile	Western Plains Gartersnake	<i>Thamnopsis radix</i>
Reptile	Western Ribbonsnake	<i>Thamnopsis proximus</i>
Reptile	Western Worm Snake	<i>Carphophis vermis</i>
Reptile	Yellow Mud Turtle	<i>Kinosternon flavescens</i>

Appendix H: Public Outreach, Oklahoma Department of Wildlife Conservation In-reach, and Coordination with Land Managers

What	When	Where	Who	Why
Comprehensive Wildlife Conservation Plan Workshop for the Mountain-Prairie Region and Southwest Region	May 13-14, 2003	Salt Lake City, UT Salt Lake Plaza Hotel	Andrea Crews (ODWC) Mark Howery (ODWC) Ron Suttles (ODWC) Other states in the Regions Multiple federal agencies and NGO's	To facilitate information sharing and collaboration for the CWCS.
Wildlife-O-Gram, ODWC Employee Newsletter: "State Wildlife Grants Program"	August 2003	Statewide	Andrea Crews to ODWC employees and Commissioners	Article introducing employees to SWG and CWCS.
Wildlife-O-Gram, ODWC Employee Newsletter: "Projects Now Have a Future!"	September 2003	Statewide	Andrea Crews to ODWC employees and Commissioners	Article reminding employees of the CWCS and demonstrating some of the projects tackled under SWG
ODWC and Ouachita National Forest Annual Coordination Meeting	September 17, 2003	Broken Bow, OK Oklahoma Forestry Heritage Museum	Mark Howery (ODWC) 9 USFS employees 6 ODWC employees	Briefly discussed the CWCS, to alert the Ouachita National Forest managers to the upcoming process.
ODWC Supervisors Meeting	October 28, 2003	Quartz Mountain State Park, OK	Harold Namminga (ODWC) ODWC Supervisors	Harold gave a Power Point presentation to ODWC supervisors, introducing them to the upcoming CWCS-development process.
Annual Meeting of the Science Team for the Lower Mississippi Valley Joint Venture	November 12, 2003	Caddo Lake State Park, TX	Mark Howery (ODWC) Mike Sams (ODWC) 24 biologists from Louisiana, Arkansas and Texas state and federal agencies and TNC	Mark gave a presentation on the approach ODWC was taking for the CWCS and outlined how the LMVJV could help.
Planning Team Meeting with ODWC Administration	November 17, 2003	Oklahoma City, OK ODWC Director's conference room	Andrea Crews (ODWC) Mark Howery (ODWC) Harold Namminga (ODWC) Ron Suttles (ODWC) Tommy Shropshire (DSG) Spencer Amend (DSG) Bruce Hawkinson (DSG)	Planning Team met with administration to give an overview of the CWCP project, address questions, issues, and concerns about the CWCS, identify potential participants, define comprehensive, and hear general thoughts about Oklahoma's CWCS.

What	When	Where	Who	Why
			Greg Duffy (ODWC) Richard Hatcher (ODWC) Alan Peoples (ODWC) Kim Erickson (ODWC) John Striech (ODWC) David Warren (ODWC) Bob Anderson (ODWC)	
Planning Team Meeting	November 17-19, 2003	Oklahoma City, OK ODWC auditorium	Andrea Crews (ODWC) Mark Howery (ODWC) Harold Namminga (ODWC) Ron Suttles (ODWC) Tommy Shropshire (DSG) Spencer Amend (DSG) Bruce Hawkinson (DSG) Bob Anderson (USFWS)	Initial meeting with contractor to develop the “plan for the Plan.” Bob Anderson was present as an observer, to make sure that Oklahoma’s approach fit with what the USFWS is expecting of the CWCS. Topics discussed included: definition of “comprehensive,” review of new guidance from IAFWA, SEAFWA, etc, side benefits of CWCS, Advisory committee roles, potential advisory committee members, roles of people to get one-on-one interviews, candidates for one-on-one interviews, technical experts’ roles, potential technical committee representatives, and options for making the adjusted CWCP work plan work within current DSG contract.
Planning Team Meeting with ODWC Administration	November 19, 2003	Oklahoma City, OK ODWC auditorium	Andrea Crews (ODWC) Mark Howery (ODWC) Harold Namminga (ODWC) Ron Suttles (ODWC) Tommy Shropshire (DSG) Spencer Amend (DSG) Bruce Hawkinson (DSG) Richard Hatcher (ODWC) Alan Peoples (ODWC) Bill Dinkines (ODWC) Barry Bolton (ODWC) Dennis Maxwell (ODWC) David Warren (ODWC)	Share with administration the work plan developed by the Planning Team, make sure we got it right.
Planning Team email	December 2,	Yahoo! Groups	Andrea Crews (ODWC)	To facilitate communications and file sharing

What	When	Where	Who	Why
communication system	2003 – present		Mark Howery (ODWC) Harold Namminga (ODWC) Ron Suttles (ODWC) Tommy Shropshire (DSG) Spencer Amend (DSG) Bruce Hawkinson (DSG) Greg Duffy (ODWC) Richard Hatcher (ODWC)	among Planning Team members. The director and assistant director were added to allow oversight of the CWCS process. Averaged 80 messages per month in the first eight months of use (December-July).
News Release: Wildlife Officials Looking to the Future	December 11, 2003	Statewide	Media outlets, individual subscribers	Overview of the CWCS, pre-announcement for public meetings.
ODWC Fisheries Division Meeting: Future Fisheries 200X Planning Meeting	December 12, 2003	Oklahoma City, OK ODWC Auditorium	Harold Namminga (ODWC) Andrea Crews (ODWC) Fisheries Division personnel interested in the Future Fisheries planning effort	Brief update to Fisheries personnel on the CWCS planning process.
The Wild Side – ODWC Newsletter to Non-game Mailing List: “New Strategy Gives Extra Breadth to Conservation Programs”	December 22, 2003 Winter Edition	Statewide	Jenny Thom (ODWC) to public constituents interested in non-game wildlife	Front page article to introduce the CWCS to public constituents interested in non-game wildlife.
Wildlife-O-Gram, ODWC Employee Newsletter: “Comprehensive Wildlife Conservation Strategy”	January 2004	Statewide	Andrea Crews to ODWC employees and Commissioners	Article to update ODWC employees on CWCS: hired a contractor, formed Planning Team (members listed), meeting with Advisory Group (members listed), upcoming employee meetings, upcoming public meetings, upcoming wildlife conference, etc.
Flier in monthly ODWC packet	January 2003	Statewide	To ODWC employees and Commissioners	Simple flier to announce ODWC employee meetings to discuss CWCS.
Initial meeting of Advisory Group	January 8, 2004	Oklahoma City, OK Oklahoma City Zoo	Alan Peoples (ODWC)	The AG was formed to assist ODWC with the development of the CWCS, in partial fulfillment of

What	When	Where	Who	Why
			<p>Andrea Crews (ODWC) Bill Matthews (OU)</p> <p>Billie Brown, Sierra Club</p> <p>Bruce Hoagland (OU)</p> <p>Chip Leslie (OSU)</p> <p>Craig Davis (OK-TWS)</p> <p>Dan Reinking (Sutton Center)</p> <p>Dennis Maxwell (ODWC)</p> <p>Derek Smithee (OWRB)</p> <p>Don Black (QU)</p> <p>Erv Warren (ONG)</p> <p>Gary Gunter (B.A.S.S.)</p> <p>Greg Duffy (ODWC)</p> <p>Harold Namminga (ODWC)</p> <p>Jay Pruett (TNC)</p> <p>Jerry Brabander, USFWS</p>	<p>Required Element 7. Meeting topics included: a CWCS background briefing, Advisory Group Charter, USFWS Federal Aid requirements for the CWCS, CWCS project work plan, presentation of the geographic areas of Oklahoma, discussion of attendee’s expectations, what questions, issues or problems the CWCS should address, what conservation actions (solutions) this strategy/plan/document should contain, additional criteria for selecting species of greatest conservation need, how to publicize the CWCS, how the AG will work together in the future, and organizations/people missing from Advisory Group.</p>

What	When	Where	Who	Why
			Jerry Davis (USFS) Jimmy Wade Tucker (Weyerhaeuser) John Skeen (ODWC) John Steuber (USDA – Wildlife Services) Kim Erickson (ODWC) Kris Marek (OTRD) Larry Kramer (DU) Mark Howery (ODWC) Marla Peek (Farm Bureau) Michael Mathis (OWRB) Mike Porter (Noble Foundation) Nels Rodefeld (ODWC) Ralph McCalmont (OTRD) Richard Hatcher (ODWC)	

What	When	Where	Who	Why
			Richard Hoar (ODWC) Robert Cartlidge (Oklahoma Anglers Unlimited) Ron Suttles (ODWC) Spencer Amend (DSG) Steve Tully (USDA-NRCS) Tim Patton (SE-OSU) Tom Libby (Sierra Club) Tommy Shropshire (DSG)	
Wildlife Diversity Technical Committee Meeting	January 9, 2004	Oklahoma City, OK Oklahoma City Zoo	Mark Howery (ODWC) Ron Suttles (ODWC) 4 other ODWC employees WD Tech. Committee members from outside ODWC: Invertebrates (2) Habitat (2) Fish (2) Herptiles (2) Birds (1) Mammals (2) Education (1)	Discussion to introduce the Wildlife Diversity Technical Committee to the CWCS (background to SWG program, timeline, draft species list, public meetings, conference, etc.).
Email to Advisory Group	January 12, 2004	Statewide	Tommy Shropshire (DSG) to Advisory Group	Sent Advisory Group the 1/8/04 Meeting Report.
Outdoor Oklahoma	January 18 and	Statewide	Andrea Crews (ODWC)	To introduce the CWCS and promote the March

What	When	Where	Who	Why
Television Show	24, 2004		Todd Craighead (ODWC)	public meetings.
Letter to Tribal leaders from Director	January 26, 2004	Statewide	38 Tribal leaders	To introduce Tribes to the CWCS and invite them to the March meetings. Flier enclosed.
Website Feedback, linked from ODWC home page	January 27, 2004	Statewide and beyond	Public	To allow public feedback on the CWCS by those who can not attend a public meeting.
News Release: Meetings Will Collect Input from the Public	January 27, 2004	Statewide	Media outlets, individual subscribers	Brief overview of CWCS, announce public meetings, and announce the chance to provide input through the website.
Email to Advisory Group	January 28, 2004	Statewide	Tommy Shropshire (DSG) to Advisory Group	Sent Advisory Group ODWC news release about public meetings for use in their own promotions, request for AG to spread the word, and a feedback form for those who could not attend.
Wildlife-O-Gram, ODWC Employee Newsletter: "Your Input Wanted..."	February 2004	Statewide	Andrea Crews to ODWC employees and Commissioners	Article sharing results of Advisory Group meeting: priority issues and actions for Oklahoma. Reminder about employee and public meetings.
News Release: Horny Toads, Bobwhites and Long-Range Strategies	February 5, 2004	Statewide	Media outlets, individual subscribers	Another overview of CWCS, announce public meetings.
Email to Advisory Group	February 6, 2004	Statewide	Tommy Shropshire (DSG) to Advisory Group	Sent Advisory Group new ODWC news release about public meetings for use in their own promotions, request for AG to spread the word, agenda for public meetings, and a RSVP request for AG members planning to attend.
Email to Advisory Group	February 8, 2004	Statewide	Tommy Shropshire (DSG) to Advisory Group	Sent Advisory Group a request for email addresses for six new members.
Annual Scorecard Coordination Meeting of ODWC, USFWS, The Nature Conservancy and the Oklahoma Natural Heritage Inventory	February 11, 2004	Bartlesville, OK The Sutton Avian Research Center	Mark Howery (ODWC) Ron Suttles (ODWC) Jay Pruett (TNC) 3 USFWS employees 9 OHNI employees	Mark and Ron briefly discussed the CWCS, to alert attendees to the upcoming process (timeline, draft species list, ranking criteria, upcoming public meetings).

What	When	Where	Who	Why
Postcard	February 13, 2004	Stateside	Non-game newsletter mailing list	To announce the public meetings.
Email to Advisory Group	February 16, 2004	Statewide	Tommy Shropshire (DSG) to Advisory Group	Sent Advisory Group a reminder including the news release about the public meetings, another request for AG to spread the word, another agenda for public meetings, and another RSVP request for AG members planning to attend.
Email to Advisory Group	February 23, 2004	Statewide	Tommy Shropshire (DSG) to Advisory Group	Sent Advisory Group a request for reference materials that may help/support the development of the CWCS.
Outdoor Oklahoma – ODWC Magazine: Panorama (Editor’s Column) and Outdoor Calendar	March/April 2004 Edition	Statewide	Nels Rodefled to Magazine subscribers	Article describing the importance of the CWCS. Calendar lists public meeting dates.
ODWC Employee Meeting – Central Region	March 1, 2004	Oklahoma City, OK ODWC auditorium	Andrea Crews (ODWC) Harold Namminga (ODWC) Ron Suttles (ODWC) Mark Howery (ODWC) Spencer Amend (DSG) Tommy Shropshire (DSG) 25 ODWC Employees	Overview of CWCS for ODWC employees, gather input on most important wildlife conservation issues and actions for Oklahoma.
Public Meeting – Central Region	March 1, 2004	Oklahoma City, OK Metro Tech Spring Lake Campus	Harold Namminga (ODWC) Ron Suttles (ODWC) Mark Howery (ODWC)	Overview of CWCS for the public, gather input on most important wildlife conservation issues and actions for Oklahoma.

What	When	Where	Who	Why
			Spencer Amend (DSG) Tommy Shropshire (DSG) 18 public constituents	
ODWC Employee Meeting – Northwest Region	March 2, 2004	Woodward, OK Northwest Electric Company office	Ron Suttles (ODWC) Harold Namminga (ODWC) Spencer Amend (DSG) Tommy Shropshire (DSG) 15 ODWC Employees	Overview of CWCS for ODWC employees, gather input on most important wildlife conservation issues and actions for Oklahoma.
Public Meeting – Northwest Region	March 2, 2004	Woodward, OK City of Woodward Pioneer Room	Ron Suttles (ODWC) Harold Namminga (ODWC) Spencer Amend (DSG) Tommy Shropshire (DSG) 7 public constituents	Overview of CWCS for the public, gather input on most important wildlife conservation issues and actions for Oklahoma.
ODWC Employee Meeting – Southwest Region	March 3, 2004	Lawton, OK Public Library	Ron Suttles (ODWC) Mark Howery (ODWC) Spencer Amend (DSG) Tommy Shropshire (DSG) 19 ODWC Employees	Overview of CWCS for ODWC employees, gather input on most important wildlife conservation issues and actions for Oklahoma.

What	When	Where	Who	Why
Public Meeting – Southwest Region	March 3, 2004	Lawton, OK Cameron University Mezzanine	Ron Suttles (ODWC) Mark Howery (ODWC) Spencer Amend (DSG) Tommy Shropshire (DSG) 36 public constituents	Overview of CWCS for the public, gather input on most important wildlife conservation issues and actions for Oklahoma.
ODWC Employee Meeting – Southeast Region	March 4, 2004	Higgins, OK ODWC Regional Office	Mark Howery (ODWC) Andrea Crews (ODWC) Spencer Amend (DSG) Tommy Shropshire (DSG) 16 ODWC Employees	Overview of CWCS for ODWC employees, gather input on most important wildlife conservation issues and actions for Oklahoma.
Public Meeting – Southeast Region	March 4, 2004	McAlester, OK Ramada Inn	Mark Howery (ODWC) Andrea Crews (ODWC) Spencer Amend (DSG) Tommy Shropshire (DSG) 14 public constituents	Overview of CWCS for the public, gather input on most important wildlife conservation issues and actions for Oklahoma.
ODWC Employee Meeting – Northeast Region	March 5, 2004	Tulsa, OK Tulsa Aquarium Education Center	Harold Namminga (ODWC) Andrea Crews (ODWC)	Overview of CWCS for ODWC employees, gather input on most important wildlife conservation issues and actions for Oklahoma.

What	When	Where	Who	Why
			Spencer Amend (DSG) Tommy Shropshire (DSG) 27 ODWC Employees	
Public Meeting – Northeast Region	March 5, 2004	Tulsa, OK OU Tulsa Schusterman Center	Harold Namminga (ODWC) Andrea Crews (ODWC) Spencer Amend (DSG) Tommy Shropshire (DSG) 28 public constituents	Overview of CWCS for the public, gather input on most important wildlife conservation issues and actions for Oklahoma.
Email to Advisory Group	March 10, 2004	Statewide	Tommy Shropshire (DSG) to Advisory Group	Sent Advisory Group a report summarizing the results of the public and employee meetings held around the state.
Wildlife-O-Gram, ODWC Employee Newsletter: “Habitat, Funding and Constituents Voted Top Priority by ODWC Personnel”	April 2004	Statewide	Andrea Crews to ODWC employees and Commissioners	Article sharing results of March ODWC employee and public meetings.
Email to Advisory Group	April 3, 2004	Statewide	Tommy Shropshire (DSG) to Advisory Group	Sent Advisory Group the compiled list of plans that might be helpful in the CWCS, asked for input on additional plans.
Email to Technical Experts	April 7, 2004	Statewide	Tommy Shropshire (DSG) to list of Technical Experts	To alert technical experts that they have been nominated to help in the CWCS, brief introduction to the CWCS and link to IAFWA site for more information.
Email to Technical Experts	April 7, 2004	Statewide	Andrea Crews (ODWC) to list of Technical Experts	To reassure technical experts that Tommy’s message was legitimate and encourage them to participate. Additional brief information about the

What	When	Where	Who	Why
				CWCS.
Email to Technical Experts	April 8, 2004	Statewide	Tommy Shropshire (DSG) to list of Technical Experts	To address some of the frequently asked questions of technical experts about the CWCS.
Email to Advisory Group	April 8, 2004	Statewide	Tommy Shropshire (DSG) to Advisory Group	Sent Advisory Group the list of technical experts that were asked to participate in the CWCS planning process, asked AG to review and nominate additional experts.
Email to Technical Experts	April 16, 2004	Statewide	Tommy Shropshire (DSG) to list of Technical Experts	To announce the wildlife conference to technical experts.
Email to Technical Experts	April 18, 2004	Statewide	Tommy Shropshire (DSG) to list of Technical Experts	To send the technical experts the Excel species and habitat "questionnaire."
Email to Advisory Group	April 20, 2004	Statewide	Tommy Shropshire (DSG) to Advisory Group	Sent Advisory Group the list of technical experts that were asked to review the Excel questionnaire, again asking for additional nominees.
Letter to ODWC Commissioners	April 20, 2004	Statewide – 8 commission districts	Greg Duffy to ODWC Commissioners	Update Commissioners on progress of CWCS (initial species list, contractor, Advisory Group, technical expert "committee," public meetings, conference, etc).
Email to Advisory Group	April 21, 2004	Statewide	Tommy Shropshire (DSG) to Advisory Group	Sent Advisory Group the Excel questionnaire for them to review if they so chose.
Email to Advisory Group and Technical Experts	April 21, 2004	Statewide	Tommy Shropshire (DSG) to Advisory Group and Technical Experts	Sent Advisory Group and Technical Experts a photograph of the state map marked with Regional boundaries.
News Release: "Conference Scheduled to Discuss the Future of Oklahoma's Wildlife"	April 22, 2004	Statewide	Media outlets, individual subscribers	Overview of CWCS, announce conference.
Email to Advisory Group and Technical Experts	April 22, 2004	Statewide	Tommy Shropshire (DSG) to Advisory Group and Technical Experts	Sent Advisory Group and Technical Experts a Quattro Pro version of the questionnaire and explained that hard copies were not available.
Mailing to Law Enforcement	April 23, 2004	Statewide	Tommy Shropshire (DSG) – email from 4/18 printed and sent to 112 Law Enforcement officers	Sent ODWC Law Enforcement officers the printed Excel questionnaire on species and habitats.

What	When	Where	Who	Why
Outdoor Oklahoma – ODWC Magazine: “Horny Toads, Bobwhites and Long-Range Strategies”	May-June 2004 Edition	Statewide	Micah Holmes to magazine subscribers	Article to describe the background for the CWCS planning process and inform about the Internet feedback site.
Email to Advisory Group and Technical Experts	May 2, 2004	Statewide	Tommy Shropshire (DSG) to Advisory Group and Technical Experts	Sent Advisory Group and Technical Experts a summary of the number of responses received to the questionnaire. Deadline extended. Reminder to register for the Wildlife Conference.
Email and Telephone Conversations	May 7, 2004	Oklahoma City, OK West Linn, OR	Andrea Crews (ODWC) Marcelo Bonta (Defenders of Wildlife)	Coordination and sharing of information to get ODWC’ CWCS information on Defenders of Wildlife website: www.biodiversitypartners.org .
Letter and telephone communications	May 11, 2004	Stillwater, OK	David Schmidly (OSU)	To request the president of OSU give a plenary speech at the July Wildlife Conference.
Conference Call	May 11, 2004	Nationwide	Andrea Crews (ODWC) 6 other state representatives 3 IAFWA employees	To discuss the national synopsis of state CWCS reports. Also, to discuss IAFWA’s preliminary ideas for lobbying and campaigning for secure funding after the reports are submitted.
Federal Assistance Coordinator’s Meeting	May 13, 2004	Albuquerque, NM	Harold Namminga (ODWC) Other Region 2 Federal Assistance Coordinators (state and USFWS)	To update Federal Assistance Coordinators of other states in the Region on the status of the CWCS in respective states.
Playa Lakes Joint Venture Meeting in Oklahoma	May 25, 2004	Oklahoma City (hotel conference room)	Andrea Crews (ODWC) Mark Howery (ODWC) 9 other ODWC employees 4 PLJV employees Jay Pruett (TNC) Trapper Heglin (OWPHA) Steve Tully (USDA-NRCS)	Mark gave a talk to update everyone on the CWCS process.
Email to Advisory Group and Technical Experts	May 27, 2004	Statewide	Tommy Shropshire (DSG) to Advisory Group and Technical Experts	Sent Advisory Group and Technical Experts the advanced agenda for the Wildlife Conference, with a reminder to register.
Email – USFWS Federal Assistance Region 2	May 27, 2004	Region-wide	Bob Anderson (USFWS) to other Regional USFWS Federal Assistance employees	Announcing Oklahoma’s Wildlife Conference.

What	When	Where	Who	Why
			and state Federal Assistance Coordinators	
Meeting with PARC	May 28, 2004	Norman, OK	Mark Howery (ODWC) Luke Feduwa (IAFWA-PARC)	To discuss PARC and how it might assist Oklahoma with the CWCS
The Wild Side – ODWC Newsletter to Non-game Mailing List: “Conference Will Follow-Up Public Meetings”	June 7, 2004 Spring/ Summer Edition	Statewide	Jenny Thom (ODWC) to public constituents interested in non-game wildlife	To follow up on public meetings and announce the Wildlife Conference.
Website, linked from ODWC home page	June 14, 2004 (tweaked on June 17, 2004)	Statewide and beyond	Andrea Crews (ODWC) to public constituents	Information about the CWCS: adapted the IAFWA brochure for Oklahoma, added news releases, etc.
Email Listserv	June 16, 2004	Nationwide	CWCS Coordinators	To facilitate communication among states regarding CWCS development.
Meeting with Arkansas Game and Fish Commission	June 18, 2004	Fort Smith, AR – AGFC office	Andrea Crews (ODWC) Mark Howery (ODWC) John Sunderland (AGFC) Jeff Johnston (AGFC) Jane Anderson (AGFC)	Coordination with bordering states – compare species list, Regions, CWCS process, etc.
Email	June 18, 2004	Stillwater, OK Norman, OK	Harold Namminga (ODWC) to Zoology Department chairs at OU and OSU, the leaders of the USFWS Coop Unit at OSU and the Natural Heritage Inventory at OU	To encourage registration and attendance at the Wildlife Conference.
Playa Lakes Joint Venture Science Circular	June 21, 2004	Throughout PLJV states	From Debbie Slobe (PLJV) to interested parties in the PLJV states	Brief article promoting the upcoming conference.
Email	June 22, 2004	Oklahoma City, OK	Andrea Crews (ODWC) to all ODWC Division Chiefs	To show them the list of registered conference attendees and encourage them to send appropriate employees.
Meeting with Texas Parks and Wildlife Department	June 25, 2004	Grand Prairie, TX – TPWD office	Andrea Crews (ODWC) Mark Howery (ODWC)	Coordination with bordering states – compare species list, Regions, CWCS process, etc.

What	When	Where	Who	Why
			Steve Bender (TPWD)	
Meeting with Kansas Parks and Wildlife Department	June 29, 2004	Byron, OK – Byron Fish Hatchery	Andrea Crews (ODWC) Mark Howery (ODWC) Ken Brunson (KPWD) Laurie Yasui (KPWD)	Coordination with bordering states – compare species list, Regions, CWCS process, etc.
Your Side of the Fence – ODWC Landowner Newsletter: “Comprehensive Wildlife Conservation Strategy – ‘Blueprint’ for the Future”	July 2004, Summer edition	Statewide	From ODWC to Landowners	Front-page article to promote the conference, explain the CWCS.
News Release: Free Wildlife Conference to be Held in Stillwater	July 8, 2004	Statewide	Media outlets, individual subscribers	Another overview of CWCS, announce conference.
Meeting with TNC	July 9, 2004	Tulsa, OK – TNC office	Andrea Crews (ODWC) Mark Howery (ODWC) 8 people from TNC	To discuss the Regional boundaries ODWC plans to use in the CWCS, compare with TNC eco-regional boundaries.
Email to Advisory Group and Technical Experts	July 9, 2004	Statewide	Tommy Shropshire (DSG) to Advisory Group and Technical Experts	Sent Advisory Group and Technical Experts the link for previewing and downloading the Wildlife Conference workbook, parking information and a reminder to register.
Website, linked from ODWC home page	July 12, 2004	Statewide and beyond	Public	Removed feedback link, added additional news releases, 8 elements, work plan, Advisory Group list, etc.
Oklahoma Wildlife Conservation Strategy Conference	July 13-15, 2004	Stillwater, OK Wes Watkins Center	Andrea Crews (ODWC) Mark Howery (ODWC) Harold Namminga (ODWC) Ron Suttles (ODWC) Tommy Shropshire (DSG) Spencer Amend (DSG) Bruce Hawkinson (DSG) 99 participants from a variety of agencies and walks of life	To gather vital information on species, habitats, threats and conservation actions for Oklahoma, from technical experts and other wildlife enthusiasts. Also to continue gathering references for other planning documents that are pertinent to the CWCS.
Email to Advisory Group	July 18, 2004	Statewide	Tommy Shropshire (DSG) to	Sent Advisory Group the list of Wildlife

What	When	Where	Who	Why
			Advisory Group	Conference attendees for editorial review. Also told them to expect a draft of the CWCS in September or October.
State Wildlife Strategies “One Year Out” Conference	August 1-4, 2004	Nebraska City, NE Lied Lodge Conference Center	Andrea Crews (ODWC) Mark Howery (ODWC) 46 other states 3 territories Multiple federal agencies and NGO’s	To learn from other CWCS planning efforts, get additional national guidance, and share Oklahoma’s experiences with other states. Mark Howery delivered a presentation to demonstrate how Oklahoma developed and ranked the species list.
Meeting with ODWC Law Enforcement	August 10, 2004	Oklahoma City, OK ODWC Auditorium	Andrea Crews(ODWC) Mark Howery (ODWC) Harold Namminga (ODWC) Ron Suttles (ODWC) Dennis Maxwell (ODWC) John Streich (ODWC) 8 District Chiefs	To update Law Enforcement on the CWCS and get input for LE activities that should be included in the plan. Limited input received at this point, decided to wait until the first draft comes out to think more about the role of LE in the CWCS.
Website, linked from ODWC home page near NR section	August 18, 2004	Statewide and beyond	Andrea Crews (ODWC) to public constituents	Updated information about the CWCS: removed old Conference information, added species list and Mark’s PPT presentation explaining the evolution of the species list.
Wildlife-O-Gram, ODWC Employee Newsletter: “CWCS Conference in Stillwater A Success”	September 2004	Statewide	Andrea Crews to ODWC employees and Commissioners	Article discussing success of July Conference and alerting employees of CWCS draft to be available in the fall.
ODWC and Ouachita National Forest Annual Coordination Meeting	September 21, 2004	Broken Bow, OK Oklahoma Forestry Heritage Museum	Mark Howery (ODWC) 7 USFS employees 8 ODWC employees	Mark gave a presentation updating attendees on the CWCS progress.
Oklahoma Ornithological Society Fall Meeting	October 23, 2004	Tulsa Community College Tulsa, OK	Mark Howery (ODWC) 36 OSS members representing 7 universities, 7 Audubon Society chapters, Oxley Nature Center, Sutton Avian Research Center, and the Tishomingo National Wildlife Refuge	Mark gave a presentation updating attendees on the CWCS progress and the role of bird conservation.

What	When	Where	Who	Why
Email to Advisory Group	December 9, 2004	Statewide	Andrea Crews to Advisory Group	Announcing the release of the first draft for review.
Wildlife-O-Gram: CWCS Update	December 10, 2004	Statewide	Andrea Crews to ODWC employees and Commissioners	Announcing the release of the first draft for review.
Email to Advisory Group	December 12, 2004	Statewide	Tommy Shropshire to Advisory Group	More detailed instructions for commenting on the first draft, soliciting help with public meetings in April.
Email to Technical Experts	December 15, 2004	Statewide	Tommy Shropshire to Technical Experts	Announcing the release of the first draft with instructions for commenting.
News Release	December 16, 2004	Statewide	Media outlets, individual subscribers	Announcing the release of the first draft.
Website	December 16, 2004	Statewide and beyond	Andrea Crews (ODWC) to public constituents	Announcing the release of the first draft, update Advisory Group list, work plan, and news release list.
Email to IAFWA CWCS Discussion Group	December 16, 2004	Nationwide	Andrea Crews to other states and conservationists involved with the CWCS across the nation	Announcing the release of the first draft for review.
Oklahoma Wildlife and Prairie Heritage Alliance Journal	December 2004	Statewide	OWPHA coordinator to members and interested public subscribers	Announcing the availability of the draft and comment period.
Email to Advisory Group	January 4, 2005	Statewide	Tommy Shropshire to Advisory Group	Reminder about the availability of the draft, review period deadline, and second request for help with April public meetings.
Email to Technical Experts	January 4, 2005	Statewide	Tommy Shropshire to Technical Experts	Reminder about the availability of the draft and review period deadline.
Email to Advisory Group and Technical Experts	January 5, 2005	Statewide	Written by Andrea Crews, forwarded by Tommy Shropshire to the Advisory Group and Technical Experts	Announcement of CWCS layers available on the ODWC data viewer website, which might be helpful in reviewing the draft.
Wildlife Diversity Technical Committee annual meeting	January 13, 2004	Oklahoma City, OK Oklahoma City Zoo	Mark Howery, Ron Suttles and 12 Wildlife Diversity Technical Committee	Update on CWCS progress, reminder about draft review period and deadline. Asked for advice on better ways to describe habitat quality/condition.

What	When	Where	Who	Why
			members in attendance, eight absent members sent meeting notes	Also presented a list of technical questions that need resolution regarding the species list and species-habitat matrix – mid February deadline.
Email to Advisory Group and Technical Experts	January 17, 2005	Statewide	Tommy Shropshire to the Advisory Group and Technical Experts	Final reminder about the availability of draft, review period deadline, and CWCS layers on the data viewer.
The Wild Side – ODWC Newsletter to Non-game Mailing List	Winter 2005 Edition	Statewide	Jenny Thom (ODWC) to public constituents interested in non-game wildlife	Update on CWCS and announcing April meetings.
Conference call	January 21, 2005	Southwest Region states	Mark Howery and Ron Suttles, representatives from AZ, NM, CO, KS, TX, USFWS and IAFWA	Effort to share information and coordinate between states in the Region. Conference call topic: Identification of priority species and habitats
Conference call	January 27, 2005	Southwest Region states	Mark Howery and Ron Suttles AZ, NM, CO, KS, OK and TX, USFWS and IAFWA	Effort to share information and coordinate between states in the Region. Conference call topic: Identification of conservation threats/problems/issues
Conference call	February 4, 2005	Southwest Region states	Mark Howery and Ron Suttles AZ, NM, KS, OK and TX, USFWS and IAFWA	Effort to share information and coordinate between states in the Region. Conference call topic: Conservation actions and monitoring
DSG Website	February 4, 2005	Statewide	DSG	Announcement of April public meeting locations and times.
Annual Scorecard meeting of ODWC, USFWS, The Nature Conservancy and the Oklahoma Natural Heritage Inventory	February 9, 2005	Oklahoma City, OK Oklahoma City Zoo	ODWC Wildlife Diversity program, OU Biological Survey (Sutton Avian Research Center, OK Natural Heritage Inventory, and Bebb Herbarium), TNC and USFWS Tulsa field office. Sixteen in attendance.	Update on CWCS progress, announced plans for next draft release, encouraged participation and comments. Asked for advice on prioritizing conservation actions.
Second Draft on DSG website	March 1, 2005	Statewide	DSG to the public.	Draft available for public review.
News Release	March 3, 2005	Statewide	Media outlets, individual subscribers	To announce availability of second draft, invite comments and announce April meetings.

What	When	Where	Who	Why
Email to Advisory Group and Technical Experts	March 4, 2005	Statewide	Tommy Shropshire to the Advisory Group and Technical Experts	Announcement of 2 nd draft and second round of public meetings, asking for co-hosts.
Package	March 16, 2005	Statewide	ODWC Field Offices	Letter announcing employee and public meetings and printed copy of the second draft.
News Release	March 17, 2005	Statewide	Media outlets, individual subscribers	To announce availability of second draft, invite comments and announce April meetings.
Letter	March 18, 2005	Statewide	ODWC employees	Letter announcing employee and public meetings and the second draft.
Memo	March 24, 2005	Statewide	ODWC Commissioners	Memo announcing employee and public meetings and the second draft.
Region II Federal Assistance Coordinators' Meeting	March 29, 2005	Quartz Mountain State Park, OK	Mark Howery to AZ, NM, OK and TX Federal Assistance staff, USFWS employees	Update on CWCS progress.
News item – Buckmasters	March 2005	Nationwide	Buckmasters	ODWC's 3/17/05 news release posted on Buckmasters website to promote April meetings.
Email to Advisory Group and Technical Experts	March 30, 2005	Statewide	Tommy Shropshire to the Advisory Group and Technical Experts	Reminder about 2 nd draft and second round of public meetings.
News item – Inside IAWFA	March 31, 2005	Nationwide	Inside IAWFA Special Edition	Link to Buckmasters website to promote April meetings.
News item – Playa Post	April 1, 2005	Region wide	Playa Lakes Joint Venture	April meetings announced on website.
ODWC Employee Meeting – Central Region	April 4, 2005	Oklahoma City, OK ODWC auditorium	Andrea Crews (ODWC) Harold Namminga (ODWC) Ron Suttles (ODWC) Mark Howery (ODWC) Bruce Hawkinson (DSG)	Gather input on CWCS draft.

What	When	Where	Who	Why
			Tommy Shropshire (DSG) ODWC Employees	
Public Meeting – Central Region	April 4, 2005	Oklahoma City, OK Metro Tech Spring Lake Campus	Harold Namminga (ODWC) Ron Suttles (ODWC) Mark Howery (ODWC) Bruce Hawkinson (DSG) Tommy Shropshire (DSG) Public constituents	Gather input on CWCS draft.
ODWC Employee Meeting – Northwest Region	April 5, 2005	Woodward, OK Northwestern Electric Co-op	Andrea Crews (ODWC) Bruce Hawkinson (DSG) Tommy Shropshire (DSG) ODWC Employees	Gather input on CWCS draft.
Public Meeting – Northwest Region	April 5, 2005	Woodward, OK City of Woodward Pioneer Room	Andrea Crews (ODWC) Bruce Hawkinson (DSG) Tommy Shropshire (DSG) Public constituents	Gather input on CWCS draft.
ODWC Employee Meeting – Southwest Region	April 6, 2005	Lawton, OK Great Plains Technology Center	Harold Namminga (ODWC) Bruce Hawkinson (DSG)	Gather input on CWCS draft.

What	When	Where	Who	Why
			Tommy Shropshire (DSG) ODWC Employees	
Public Meeting – Southwest Region	April 6, 2005	Lawton, OK Cameron University	Harold Namminga (ODWC) Bruce Hawkinson (DSG) Tommy Shropshire (DSG) Public constituents	Gather input on CWCS draft.
ODWC Employee Meeting – Southeast Region	April 7, 2005	Higgins, OK ODWC Office	Mark Howery (ODWC) Bruce Hawkinson (DSG) Tommy Shropshire (DSG) ODWC Employees	Gather input on CWCS draft.
Public Meeting – Southeast Region	April 7, 2005	McAlester, OK Kiamichi Vocational Technical Center	Mark Howery (ODWC) Bruce Hawkinson (DSG) Tommy Shropshire (DSG) Public constituents	Gather input on CWCS draft.
ODWC Employee Meeting – Northeast Region	April 8, 2005	Jenks, OK Oklahoma Aquarium	Mark Howery (ODWC) Bruce Hawkinson (DSG) Tommy Shropshire (DSG) ODWC Employees	Gather input on CWCS draft.

What	When	Where	Who	Why
Public Meeting – Northeast Region	April 8, 2005	Tulsa, OK OSU-Tulsa Campus	Ron Suttles (ODWC) Bruce Hawkinson (DSG) Tommy Shropshire (DSG) Public constituents	Gather input on CWCS draft.
Radio interview	April 16, 2005, 4-6 p.m.	Oklahoma City	Mark Howery interviewed by “Hunt, Sleep, Fish” host Gary Leiter on WKY 930 AM	The main topic of conversation for the majority of the 2-hour interview was the Comprehensive Strategy.

Appendix I: Advisory Group Charter

For Oklahoma's Comprehensive Wildlife Conservation Strategy

1) Purpose of the Advisory Group:

- (a) Provide information and identify information sources,
- (b) Serve as an idea generator related to the steps in the planning process,
- (c) Represent the diversity of interests in fish and wildlife conservation,
- (d) Serve as a sounding board or “reality check” on elements of the conservation strategies, and
- (e) Serve as reviewers of interim steps and products.

This is an “advisory” group only; the Oklahoma Department of Wildlife Conservation (ODWC) retains final authority and responsibility for decisions.

2) Time Frame:

The Advisory Group will not continue beyond the end of preparation of the Comprehensive Wildlife Conservation Strategy (CWCS). The CWCS is required to be delivered to the U.S. Fish and Wildlife Service by October 2005.

3) Advisory Group Roles and Responsibilities:

As an Advisory Group Member I will:

- (a) Respond promptly to requests from ODWC for information or input,
- (b) Be open and honest with my ideas and perspectives,
- (c) Be responsive to guidance from facilitators hired by ODWC,
- (d) Be open-minded and respectful of people sharing differing opinions,
- (e) Plan to meet in person only once (additional work will be done by email and/or telephone),
- (f) Be invited to assist with a statewide round of public meetings and a statewide conference,
- (g) Look for creative ways to assist in the preparation of the CWCS
- (h) Communicate with my organization or group, keeping members informed of the CWCS process as well as bringing their ideas forward, and
- (i) Work as a team member to address the responsibilities of the group.

4) Contractor and Planning Team Support:

Dynamic Solutions Group LLC (DSG) has been contracted by the ODWC as facilitators and planning experts to assist with development of the CWCS. DSG members and several ODWC employees make up the Planning Team for preparation of the CWCS. The Planning Team is expected to help the Advisory Group achieve its outcomes by:

- (a) Planning, facilitating, and reporting the results of this initial Advisory Group meeting,
- (b) Serving as impartial experts on the planning process for future communications,
- (c) Assessing the Advisory Group's progress in meeting its responsibilities,
- (d) Working with the Advisory Group to develop approaches for meeting its responsibilities,
- (e) Establishing a clear context and structured framework for discussions,
- (f) Helping create and maintain an environment where all parties are as comfortable as possible,
- (g) Developing and maintaining trust and respect within the group so that all individuals can provide their opinions,
- (h) Evoking and encouraging the creativity of all members of the group, and
- (i) Asking appropriate questions as necessary to stimulate understanding among group members.

5) ODWC Roles and Responsibilities:

The Oklahoma Department of Wildlife Conservation will be responsible for the following:

- (a) Identifying individuals from a broad range of interests in conservation to be members of the Advisory Group,
- (b) Inviting those members to an initial meeting,
- (c) Explaining the charge to the Advisory Group,
- (d) Providing media resources as needed for the CWCS, including, but not limited to (i) website, (ii) news releases, (iii) video, (iv) magazine articles,
- (e) Providing advice and counsel to the Advisory Group,
- (f) Notifying the Advisory Group of changing circumstances, new information, etc. about CWCS preparation,
- (g) Making clear and timely decisions regarding items and matters related to preparation of the CWCS, and
- (h) Providing feedback to the Advisory Group.

Appendix J: Oklahoma's Comprehensive Wildlife Conservation Strategy Public, Advisory Group, and Oklahoma Department of Wildlife Conservation Staff Input Workshops

March 1 – 5, 2004 Report

Collecting public and Oklahoma Department of Wildlife Conservation (ODWC) staff input is an important part of the planning process for developing Oklahoma's Comprehensive Wildlife Conservation Strategy (CWCS). The general public was invited to participate in a series of open workshops (Oklahoma City – March 1, Woodward – March 2, Lawton – March 3, McAlester – March 4, Tulsa – March 5) to identify issues and advice regarding wildlife conservation in Oklahoma. On the same dates, ODWC staff (voluntary) workshops were also conducted for the same purpose.

To insure public participation at the workshops, the following methods of contact were utilized:

1. newspaper articles
2. radio announcements
3. direct mailings by the ODWC
4. public service news releases by the ODWC
5. direct contact by the CWCS Advisory Group members
6. ODWC employee newsletters and direct contact

Executive Summary:

Priority Issue Topics

Priority	Public and Staff Combined	Public	ODWC Staff	Advisory Group January 8, 2004
1.	Habitat	Habitat	Habitat	Habitat
2.	Constituents	Wildlife mgt.	Funding	Research
3.	Funding	Problem species	Constituents	Constituents
4.	ODWC	Constituents	ODWC	Funding
5.	Problem species	Access	Problem species	Problem species
6.	Wildlife mgt.	ODWC	Partnerships	Wildlife mgt.

Priority Advice Topics

Priority	Public and Staff Combined	Public	ODWC Staff	Advisory Group January 8, 2004
1.	Habitat	Habitat	Habitat	Habitat
2.	Constituents	Constituents	Constituents	Research
3.	Funding	Funding	Funding	Funding
4.	ODWC	Problem species	ODWC	Problem species
5.	Access	Research	Access	Wildlife mgt.
6.	Research	ODWC	Partnerships	Partnerships

Results of public and ODWC staff workshops combined:

Attendance: 205 combined total

1. Oklahoma City – 43
2. Woodward – 22
3. Lawton – 55

4. McAlester – 30
5. Tulsa – 55

Public and ODWC staff issues prioritized:

1. Habitat: Loss of habitat to development; lack of controlled burning; over grazing; lack of private lands management for wildlife and habitat; air and water pollution; poor water management; lack of habitat focus for species of concern
2. Constituents: Lack of public education about value of wildlife, habitat/species needs; recruitment of youth in hunting, fishing, and outdoor recreation
3. Funding: Lack of long-term funding for ODWC wildlife management, law enforcement, research, and habitat
4. ODWC: Lack of law enforcement support, public relations, planning, staff recruitment, retention, and training
5. Problem species: Lack of control over noxious/invasive/nuisance/exotic species such as Eastern Redcedar, Golden Algae, Cormorants, and Wild Hogs.
6. Wildlife management: Lack of focus on threatened/endangered and species of concern; declining quail population; deer over population and depredation; lack of restocking programs for fish; effects of predatory birds on fish
7. Access: Lack of public lands and access to private lands; over crowding of hunters on public lands; landowner liability; walk-in areas
8. Partnerships: Lack of cooperation between state, federal, and local agencies as well as with landowners
9. User conflicts: Conflicts between hunters and non-hunters; use of all terrain vehicles and personal watercrafts
10. Regulations: Lack of enforcement for all wildlife laws; lack of size limits on crappie at Waurika Lake
11. Research: Lack of knowledge about many species of wildlife, their habitats, and distribution

Public and ODWC staff advice prioritized:

1. Habitat: Develop education programs for landowners about burning and liability; counter rural development with community involvement programs, corridors, ODWC planning; create a national program equal to level of farm bill to protect/manage fish and wildlife habitat; purchase land or conservation easements/buffers especially in areas adjacent/close to existing public lands; develop water use policy; develop/protect wetlands
2. Constituents: Develop conservation education programs for youth, landowners, and politicians
3. Funding: Establish a value for wildlife; make law enforcement a priority; create fees for non-consumptive users; create multiple year licenses and incentives to buy licenses; create tax exempt organization to receive donations; register all terrain vehicles
4. ODWC: Solicit more input from field personnel (less micro management); increase customer service attitude; hire more rangers to improve enforcement of fish and game laws; Assume the leadership role in habitat management and lead by example -- manage WMAs for habitat and encourage other state/government owned lands to manage for habitat
5. Access: Create landowner incentives for public access
6. Research: Implement research-baseline surveys to learn current plants and animals to determine best ecosystem management practices and practical solutions for diversity
7. Partnerships: Build partnerships with agencies to be sure all programs result in good conservation; coordinate and standardize rules among agencies
8. Wildlife management: Do not multiple use land -- wildlife management areas (recreation, wildlife, no cows); improve genetic variation in elk; continue bio-diversity approach to management; discontinue programs that are not working
9. Problems species: Eliminate exotics (hogs, starlings, plants, and trees); control feral cats; manage invasive species (plants -- Redcedar, Salt Cedar); establish an aquatic nuisance species plan
10. Regulations: Establish penalties and enforcement to prevent misuse of public money

Results of public workshops:

Attendance: 103 total

1. Oklahoma City – 18
2. Woodward – 7 (rain)
3. Lawton – 36
4. McAlester – 14
5. Tulsa – 28

Public issues prioritized:

1. Habitat: Loss of habitat to development and urban sprawl; lack of controlled burning; over grazing; lack of private lands management for wildlife, and habitat; habitat fragmentation; water (mismanagement, contaminants, farm products)
2. Wildlife management: Lack of focus on threatened/endangered and species of concern; declining quail population; deer over population and depredation; lack of restocking programs for fish; effects of predatory birds on fish; disappearance of once common birds; trapping restrictions
3. Problem species: Lack of control over invasive, exotic, and non-native species such as Eastern Redcedar, Golden Algae, and Wild Hogs
4. Constituents: Loss of educational/awareness programs and accessibility to those programs; declining numbers of hunters esp. young and low income
5. Access: Lack of public lands; over crowding of hunters on public lands
6. ODWC: Lack of staff and funding especially for law enforcement
7. Funding: Disparity in funding between consumptive user and non-consumptive users; lack of funding for research and water testing for contamination
8. Regulations: Lack of size limits on crappie at Waurika Lake
9. Research: Unknown impact of wind power
10. User conflicts: PETA vs. hunters

Public advice prioritized:

1. Habitat: Develop education programs for landowners about burning and liability; counter rural development with community involvement programs, corridors, ODWC planning; purchase land or conservation easements/buffers especially in areas adjacent/close to existing public lands; develop water use policy; develop/protect wetlands; develop landowner incentives, grant, and provide technical assistance
2. Constituents: Educate homeowners and landowners on important issues (controlled burns for Eastern Redcedar control, cave protection, urban use of land by bird species of special concern, non-game)
3. Funding: Provide adequate funding for Fish and Wildlife and Law Enforcement management (MO and AR); appropriate general funds to ODWC; create tax exempt organization to receive donations
4. Problem species: Eliminate exotics (hogs, starlings, plants, and trees); control feral cats; manage invasive species (plants -- Redcedar, Salt Cedar)
5. Research: Implement research-baseline surveys to learn current plants and animals to determine best ecosystem management practices and practical solutions for diversity
6. ODWC: Hire more rangers to improve enforcement of fish and game laws; assume the leadership role in habitat management and lead by example -- manage WMAs for habitat and encourage other state/government owned lands to manage for habitat; recruit and train volunteers, certify for ODWC to aid Law Enforcement and education efforts
7. Wildlife management: Do not multiple use land -- wildlife management areas (recreation, wildlife, no cows); improve genetic variation in elk
8. Partnerships: Coordinate and standardize rules among agencies; create better cooperation between other government agencies (ODWC, USFWS, NRCS, USFS, OK Dept of Tourism, OWRB)
9. Access: Provide walk in hunting program on private land; limit lease hunting
10. Regulations: Set length and bag limits on an individual lake basis

Results of ODWC staff workshops:

Attendance: 102 total

1. Oklahoma City – 25
2. Woodward – 15
3. Lawton – 19
4. McAlester – 16
5. Tulsa – 27

Staff issues prioritized:

1. Habitat: Loss of habitat to development, degrading, and loss of wetlands; lack of controlled burning; over grazing; lack of private lands management for wildlife and habitat; air and water pollution; poor water management; lack of habitat focus for species of concern; lack of wildlife improvement on CRP lands
2. Funding: Lack of long-term funding for ODWC wildlife management, law enforcement, and disease studies
3. Constituents: Lack of public education about ODWC programs (law enforcement) and funding; recruitment of youth in hunting, fishing, and outdoor recreation
4. ODWC: Lack of law enforcement support, evaluation, public relations, planning, facilities, staff recruitment, retention, and training
5. Problem species: Lack of control over noxious/invasive/nuisance/exotic species such as Eastern Redcedar and Cormorants
6. Partnerships: Communication barrier between landowners and wildlife managers; confusion about who is the wildlife manager contact person for landowner -- NRCS, FSA, ODWC, FAA, ODOF, D of AG
7. Access: Lack of access to private lands; walk-in areas
8. User conflicts: Conflicts between hunters and non-hunters, use of all terrain vehicles, and personal watercrafts
9. Research: Lack of knowledge about many species of wildlife, their habitats and distribution
10. Wildlife management: Animal depredation; fish passage

Staff advice prioritized:

1. Habitat: Develop technical assistance programs for landowners/leasers about burning and liability; create a national program equal to level of farm bill to protect/manage fish and wildlife habitat; purchase more public land; develop statewide watershed councils; develop strict regulations for the sale and usage of water; develop base-line flow protection for streams
2. Constituents: Develop conservation education programs for youth, landowners, and politicians
3. Funding: Make law enforcement a priority; create multiple year licenses and incentives to buy licenses; register all terrain vehicles; develop cost-share programs for assistance in controlling or management of invasive species or exotics and for bottomland/floodplain management
4. ODWC: Solicit more input from field personnel (less micro management); increase customer service attitude; implement long-term planning and follow thru; increase outreach efforts; improve personnel recruitment; increase/streamline ODWC workforce; modify/update college course requirements
5. Access: Landowner incentives for public access
6. Partnerships: Build partnerships with agencies and conservation groups to be sure all programs result in good conservation; coordinate and standardize rules among agencies
7. Research: Data generation for non-game species
8. Wildlife management: Continue bio-diversity approach to management; discontinue programs that are not working
9. Regulations: Establish penalties and enforcement to prevent misuse of public money
10. Problem species: Establish an aquatic nuisance species plan

Results of the January 4, 2004 Advisory Group workshop (provided for comparative purposes):

Advisory Group issues prioritized:

1. Habitat: How to promote conservation strategy benefits to landowners; water resource allocation; statewide in-stream flow classification system
2. Research: Gathering sound scientific data; determining population status and identify gaps; establish standards for data acquisition and archival
3. Constituents: How to communicate with and educate the public about benefits of a conservation strategy
4. Funding: What is the cost of not having a conservation strategy; how to set funding priorities
5. Problem species: Management of invasive and problem species
6. Wildlife management: Balance urgent with common species; how will success be measures
7. Partnerships: Build on past work such as TNC, biodiversity plans
8. ODWC: How does law enforcement fit into this conservation strategy
9. User conflicts: Communication towers, wind generators, off road vehicles, feral animals

Advisory Group advice prioritized:

1. Habitat: Water allocation strategies that recognize multi-uses and demands; restore fire and natural hydrology
2. Research: Systematic use of inventories of species of concern; establish long-term monitoring
3. Funding: Cost share with landowner for habitat restoration and invasive species control; tax incentives to landowners; nature tourism
4. Problem species: Identify invasive species and problems and communicate to public
5. Wildlife management: Identify what is detrimental to wildlife
6. Partnerships: Involve landowners with this process; varied communication strategies to different groups; incorporate this with existing Federal Assistance programs
7. ODWC: Get Law Enforcement involved

Appendix K: Literature Cited

- Bailey, R.G., P.E. Avers, T.King and W.H. McNab. 1994. Ecoregions and Subregions of the United States.
- Barber, S.C. 1979. Floristic Components of the Gypsum Hills and Redbed Plains Area of Southwest Oklahoma. *Southwestern Naturalist* 24: 431-437.
- Blair, W.F. and T.H. Hubbell. 1938. The Biotic Districts of Oklahoma. *American Midland Naturalist* 20:425-454.
- Brabander, J.J., R.E. Masters, and R.M. Short. 1985. Bottomland Hardwoods of Eastern Oklahoma: A Special Study of Their Status, Trends and Values. Joint Report of the U.S. Fish and Wildlife Service and the Oklahoma Department of Wildlife Conservation. 167 pgs.
- Brown, S, C. Hickey, B. Harrington, and R. Gill. 2001. United States Shorebird Conservation Plan. Manomet Center for Conservation Sciences. Manomet, Massachusetts. 60pp.
- Comer, P., D. Faber-Langendoen, R. Evans, S. Gawler, C. Josse, G. Kittel, S. Menard, M. Pyne, M. Reid, K Schulz, K. Snow, and J. Teague. 2003. Ecological Systems of the United States: A Working Classification of U.S. Terrestrial Systems. NatureServe, Arlington, Virginia.
- Commission for Environmental Cooperation. 1997. Ecological Regions of North America: Toward a Common Perspective. Montreal, Canada. 54 pages.
- Correll, D.S. and M.C. Johnston. 1970. Manual of the Vascular Plants of Texas. Renner, TX: Texas Research Foundation. 1881 pages.
- Deering, D.W. and R.D. Petit. 1972. Sand Shinnery Oak Acreage Survey. Research Highlights Noxious Brush and Weed Control; Range, Wildlife and Fisheries Management 2:14. Lubbock: Texas Tech University, College of Agricultural Sciences and Natural Resources.
- Duck L.G. and J.B. Fletcher. 1945. The Game Types of Oklahoma: In: State Bulletin No. 3, A Survey of the Game and Furbearing Animals of Oklahoma. Oklahoma City: Oklahoma Game and Fish Department. 144 pages. (some times cited as 1944).
- Elliott, G., M. Chase, G. Geupel, and E. Cohen. 2003. Developing and Implementing an Adaptive Conservation Strategy. Point Reyes Bird Observatory. Point Reyes, CA. 64pp.
- Engle, D.M., T.G. Bidwell, and M.E. Moseley. 1997. Invasion of Oklahoma Rangelands and Forests by Eastern Redcedar and Ashe Juniper. Oklahoma Cooperative Extension Service, Oklahoma State University, Circular E-947.
- Fisher, W.L., M.S. Gregory. 2001. Oklahoma Gap Analysis Project: A Geographic Approach to Planning for Biological Diversity. USGS Biological Resources Division. Oklahoma Cooperative Fish and Wildlife Research Unit. 348 pp.
- Foti, T. and G. Bukenhofer. 1999. Ecological Classification of the Highlands. In: Ozark-Ouachita Highlands Assessment, Report 5, Terrestrial Vegetation and Wildlife. U.S. Forest Service, Southern Research Station. General Technical Report SRS-35. 201 pages.
- Hoagland, B.W., I. Butler, F.L. Johnson, and S. Glenn. 1999. Ecology and Vegetation of the Cross Timbers in Kansas, Oklahoma and Texas. In: The Savanna, Barren and Rock Outcrop Communities of North America. Anderson, R.C., J. Fralish and J. Baskins Editors. Cambridge University Press.

- Hoagland, B.W. 2000. The Vegetation of Oklahoma: A Classification for Landscape Mapping and Conservation Planning. Publication of the Oklahoma Biological Survey. Reprinted from same article in *Southwestern Naturalist* 45(4): 385-420.
- James, E. 1823. An Expedition from Pittsburgh to the Rocky Mountains. Philadelphia: H.C. Carey. 442 pp. Plus Atlas.
- Kushlan, J.A., M.J. Steinkamp, K.C. Parsons, J. Capp, M. A. Cruz, M. Coulter, I Davidson, L. Dickson, N. Edelson, R. Elliot, R. M. Erwin, S. Hatch, S. Kress, R. Milko, S. Miller, K. Mills, R. Paul, R. Phillips, J.E. Saliva, B. Sydeman, J. Trapp, J. Wheeler, and K. Wohl. 2002. Waterbird Conservation for the Americas: The North American Waterbird Conservation Plan, Version 1. Washington, DC, 78pp.
- Mueller, C.H. 1951. The Significance of Vegetative Reproduction in *Quercus*. *Madrono* 11: 129-137.
- Omernick, J. 1987. Ecoregions of the conterminous United States. *Annals of the Association of American Geographers* 77(1): 118-125.
- Rice, E.L. and W.T. Penfound. 1959. The Upland Forests of Oklahoma. *Ecology* 40: 592-608.
- Rich, T.D., C.J. Beardmore, H. Berlanga, P.J. Blancher, M.S. W. Bradstreet, G.S. Butcher, D.W. Demarest, E.H. Dunn, W.C. Hunter, E.E. Inioq-Elias, J.A. Kennedy, A.M. Martell, A. O. Panjabi, D.N. Pashley, K. V. Rosenberg, C. M. Rustay, J.S. Wendt, T.C. Will. 2004. Partners in Flight North American Landbird Conservation Plan. Cornell Lab of Ornithology. Ithaca, NY.
- Rosgen, D. 1996. Applied River Morphology. Wildland Hydrology. Pogosa Springs, Colorado.
- Stinnet, D.P., R.W. Smith and S.W. Conrady. 1987. Riparian Areas of Western Oklahoma: A Special Study of Their Status, Trends and Values. Joint Publication of the U.S. Fish and Wildlife Service and the Oklahoma Department of Wildlife Conservation. 80 pages
- Taylor, C.A., M.L. Warren, J.F. Fitzpatrick, H.H. Hobbs, R.F. Jezerinac, W.L. Pflieger, and H. W. Robison. 1996. Conservation Status of Crayfishes of the United States and Canada. *Fisheries* Vol. 21, No. 4, pp25-38.
- U.S. Department of Agriculture. 1994. State Soil Geographic Data Base for Oklahoma. USDA, Natural Resources Conservation Service.
- Warren, M.L., B.M. Burr, S.J. Walsh, H.L. Bart, R.C. Cashner, D.A. Etnier, B.J. Freeman, B. R Kuhajda, R.L. Mayden, H.W. Robison, S. T. Ross, and W.C. Starnes. 2000. Diversity, Distribution and Conservation Status of the Native Freshwater Fishes of the Southern United States. *Fisheries* Vol. 25, No. 10, pp7-29.
- Williams, J.D., M.L. Warren, K.S. Cummings, J.L. Harris, and R.J. Neves. 1993. Conservation Status of Freshwater Mussels of the United States and Canada. *Fisheries* Vol. 18, No. 9, pp 6-15

Appendix L: Acknowledgements

Comprehensive Wildlife Conservation Strategy Planning Team:

Andrea Crews, ODWC	Richard Hatcher, ODWC
Bruce Hawkinson, DSG	Ron Suttles, ODWC
Greg Duffy, ODWC	Spencer Amend, DSG
Harold Namminga, ODWC	Tommy Shropshire, DSG
Mark Howery, ODWC	

Comprehensive Wildlife Conservation Strategy Advisory Group:

Aaron Archibeque, USFWS	Ralph McCalmont, OTRD
Alan Peoples, ODWC	Randy Hiatt, USACE
Andy McDaniels, OWF	Richard Barton, OMA
Billie Brown, Sierra Club	Robert Suthard, USACE
Brent Kisling, USDA	Robert Cartlidge, OAU
Bruce Hoagland, OU, OBS	Stephen Tully, USDA/NRCS
Clifton Scott, OCL	Steve Thompson, DEQ
Craig Davis, OSU, OTWS	Sue Birdwell, Outdoor Outfitters
Dan Reinking, OOS, SARC	Tim Grogan, TNC
David Leslie, OCFWRU, OSU	Tim Patton, SEOSU, AFS
David Porter, Sierra Club	Tom Libby, Sierra Club
Dee Porter, OCC	William Matthews, WDTAC, OU
Dennis Maxwell, ODWC	
Derek Smithee, OWRB	
Dick Hoar, ODWC	
Don Black, Quail Unlimited	
Don Linder, Bass Federation	
Ed Fite, SRC	
Erv Warren, OG&E	
Everett Laney, USACE	
Gary Gunter, BASS	
Gary Ridley, ODOT	
Jay Pruett, TNC	
Jeff Tebow, Outdoor Outfitters	
Jennifer Wasinger, OSE	
Jerry Brabander, USFWS/OES	
Jerry Davis, USFS, USFS/ONF	
Jimmy Wade Tucker, Weyerhaeuser	
John Skeen, ODWC	
John Steuber, ODA	
Kim Erickson, ODWC	
Kris Marek, OTRD	
Larry Kramer, Ducks Unlimited	
Lisa Knauf, Conservation Commission	
Lonny Snodgrass, OAU	
Marla Peek, Farm Bureau	
Mason Mungle, Farmers' Union	
Michelle Wynn, OCA	
Mike Mathis, OWRB	
Mike Porter, WDTAC, SRNF	
Nels Rodefeld, ODWC	

Those who completed a questionnaire and/or provided data prior to the Stillwater conference:

Alan Stacey, ODWC	Jeff Dixon
Alma Harmon, Harmon's Farm	Jerry Davis, USFS/ONF
Anthony Echelle, OSU	Jim Burroughs, ODWC
Bill Caire, UCO	Jim Dixon, Peoria Tribe
Bill Fisher, OSU	Jim Eidson, TNC
Bill Matthews, OU	Jim Neal, Lower Miss JV
Brady May, ODWC	John Hendrix, ODWC
Brandon Houck, NWTF	John Shackford, OSU
Brent Gordon, ODWC	John Stahl, Byron State Fish Hatchery
Brian Sullivan, Playa Lakes JV	Julianne Whitaker Hoagland, ODWC
Brooks Tramell, CC	Kevin McCurdy, Fort Sill Military Res.
Bruce Burton, ODWC	Kevin Schoonover
Bryan Hajny, USFS	Laurie Vitt, SNOMNH
Caryn Vaughn, OBS	Liz Bergey, OBS
Chris Hise, TNC	Mia Revels, NSU
Cliff Sager, ODWC	Mike O'Meilia, ODWC
Conrad Kleinholz, Langston University	Mike Sams, ODWC
Dan Bruce	Miles Tolbert, OSE
Dan Reinking, SARC	Peggy Hill, Univ. of Tulsa
David Arbour	Peter Grant, SWOSU
David Harmon, Harmon's Farm	Randy Hyler, ODWC
David McNeely, Langston University	Richard Lardie, VAFB (retired)
David Weaver, USFWS	Richard Standage, Aquatic T&E Biologist
Dee Porter, OCC	Robert Bastarache, ODWC
Dewayne Miller, Briar Lakes Ranch	Ron Folks
Ellen Tejan, TNC	Rudy Miller, OSU
Erv Warren, OG&E	Russ Horton, ODWC
Greg Sievert	Scott Parry, ODWC
Howard Keith, MD (retired)	Stanley Fox, OSU
J.D. Strong, OSE	Steve Hensley, USFWS/OPNWR
J.D. Ridge	Terry Bidwell, OSU
Jack Waymire	Tim Snell, TNC
Janalee Caldwell, OU	Tom Smeltzer, USFS
Jay Pruett, TNC	Tony Echelle, OSU
Jeff Boxrucker, ODWC	Trapper Heglin, OWPHA
Jeff Pennington, ODWC	

Those who participated in the Comprehensive Wildlife Conservation Strategy workshop in Stillwater July 13-14, 2004:

Alma Harmon, Harmon's Farm	Bruce Burton, ODWC
Andrea Crews, ODWC	Bruce Hawkinson, DSG
Anthony Echelle, OSU	Bruce Hoagland, OU, OBS
Anthony Street, Tonkawa Tribe	Chris Hise, TNC
Bill Caire, UCO	Chris Wilson, TNC
Bill Dinkines, ODWC	Claudia Glass, Rogers State Uni.
Bill Wentroth, ODWC	Clodus Smith, WHIP owner
Bob Hamilton, TNC	Cosmas Lungu
Brandon Brown ODWC	Craig Davis, OSU
Brandon Houck, NWTF	Dan Hough, OBS
Brent Gordon, ODWC	Dan Reinking, SARC

Dane Varner, River Ridge Plantation
 Danny Bowen, ODWC
 Dave Engle, OSU
 David (Chip) Leslie, OSU
 David Harmon
 David Martinez, USFWS
 David McNeely, Langston University
 Dejene Alemayelin, Kaw Nation
 Dewayne Miller, Briar Lakes Ranch
 Dick Davis, NWTF
 Don Glass, Rogers State University
 Don Wolfe, SARC
 Ellen Fennell, Audubon Arkansas
 Ellen Tejan, TNC
 Eric Hellgren, OSU
 Erv Warren, OG&E
 Gary Polson, Polson Enterprises
 Glen Wampler, Fort Sill Military Reservation
 Greg Duffy, ODWC
 Harold Namminga, ODWC
 J. D. Strong, OSE
 James Shaw, OSU
 Janalee Caldwell, OU
 Janet Braun, SNOMNH
 Janice Wilson, Wyandotte Nation
 Jason Schaffler, OSU
 Jay Pruett, TNC
 Jeff Boxrucker, ODWC
 Jeff Pennington, ODWC
 Jerry Brabander, USFWS
 Jerry Davis, USFS/ONF
 Jim Eidson, TNC
 Jim Erwin, TNC
 Joe Bidwell, OSU
 Joe Glenn
 Joe Grzybowski, UCO
 Joe Rackley, OSU
 John Hendrix, ODWC
 John Krupovage, Tinker Air Force Base
 John Shackford, OSU
 Jon Brock, USFWS/SPNWR
 Jona Reasor, USFWS/TNWR
 Julianne Whitaker Hoagland, ODWC
 Karen McBee, OSU
 Kathleen Welch, Wyandotte Nation
 Keith Thomas, ODWC
 Ken Frazier, USFWS
 Kevin McCurdy, Fort Sill Military Res.
 Kevin Stubbs, USFWS
 Kim Erickson, ODWC
 Kim Shannon, ONAR
 Kwin McCindy
 Larry Wiemers, ODWC
 Laurie Vitt, OU, SNOMNH
 Laurie Yasui, KS Wildlife and Parks
 Mark Howery, ODWC
 Martin Piorkowski, OSU
 Matt Gayler, TNC
 Mia Revels, NSU
 Michael Adams, Eagle Envir. Consu.
 Michael Husak, Cameron University
 Mike O'Meilia, ODWC
 Mike Sams, ODWC
 Miles Tolbert, OSE
 Peter Grant, SWOSU
 Randy Parham, DEQ
 Rich Fuller, ODWC
 Richard Hatcher, ODWC
 Richard Lardie, VAFB (retired)
 Richard Stark, USFWS
 Robert Cartlidge, OAU, BASS
 Ron Suttles, ODWC
 Russ Horton, ODWC
 Sam Fuhlendorf, OSU
 Scott McConnell, OSU
 Spencer Amend, DSG
 Stephanie Harmon, USFWS
 Steve Filipek AR Game and Fish
 Steve Hensley, USFWS/OPNWR
 Summer King, UKBCI
 Terrence Bidwell, OSU
 Tim Patton, SEOSU
 Timothy O'Connell, OSU
 Tom Smeltzer, USFS/BKNG
 Tommy Shropshire, DSG
 Tracy Carter, OSU
 Trapper Heglin, OWPHA
 William Brown
 William Fisher, OSU

Final edits by Verlyn Ebert, DSG

And very special thanks to those who attended the Comprehensive Wildlife Conservation Strategy public meetings and Oklahoma Department of Wildlife Conservation staff meetings.

Key to Abbreviations:

Abbreviation	Name
AFS	Oklahoma Chapter American Fisheries Society
BASS	Oklahoma State B.A.S.S. Federation
CC	Oklahoma Conservation Commission
DEQ	Oklahoma Department of Environmental Quality
DSG	Dynamic Solutions Group
NSU	Northeastern State University
NWTF	National Wild Turkey Federation
OAU	Oklahoma Anglers Unlimited
OBS	Oklahoma Biological Survey
OCA	Oklahoma Cattlemen's Association
OCC	Oklahoma Corporation Commission
OCFWRU	Oklahoma Cooperative Fish & Wildlife Research Unit
OCL	Oklahoma Commissioners of the Land
ODA	Oklahoma Department of Agriculture
ODOT	Oklahoma Department of Transportation
ODWC	Oklahoma Department of Wildlife Conservation
OES	Oklahoma Environmental Services Office
OG&E	Oklahoma Gas and Electric Company
OMA	Oklahoma Marina Association
ONAR	Oklahoma Natural Areas Registry
OOS	Oklahoma Ornithological Society
OSE	Office of the Secretary of the Environment
OSU	Oklahoma State University
OTRD	Oklahoma Tourism & Recreation Department
OTWS	Oklahoma Chapter of The Wildlife Society
OU	University of Oklahoma
OWF	Oklahoma Wildlife Federation
OWPHA	Oklahoma Wildlife and Prairie Heritage Alliance
OWRB	Oklahoma Water Resources Board
SARC	George Miksch Sutton Avian Research Center
SEOSU	Southeastern Oklahoma State University
SEOSU	Southeastern Oklahoma State University
SNOMNH	Sam Noble Oklahoma Museum of Natural History
SRC	Scenic Rivers Commission
SRNF	The Samuel Roberts Noble Foundation, Inc.
SWOSU	Southwestern Oklahoma State University
TNC	The Nature Conservancy of Oklahoma
UCO	University of Central Oklahoma
UKBCI	United Keetoowah Band of Cherokee Indians
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USDA/NRCS	US Department of Agriculture Natural Resources Conservation Service
USFS	United States Forest Service
USFS/BKNG	Black Kettle National Grassland
USFS/ONF	Ouachita National Forest
USFWS	United States Fish and Wildlife Service

Abbreviation	Name
USFWS/OES	United States Fish and Wildlife Service Oklahoma Ecological Services
USFWS/OPNWR	Ozark Plateau National Wildlife Refuge
USFWS/SPNWR	Salt Plains National Wildlife Refuge
USFWS/TNWR	Tishomingo National Wildlife Refuge
VAFB	Vance Air Force Base
WDTAC	Wildlife Diversity Technical Advisory Committee