

- Texas nightsnake (*Hypsiglena torquata*)
- Prairie kingsnake (*Lampropeltis calligaster*)
- Speckled kingsnake (*Lampropeltis getula*)
- Milksnake (*Lampropeltis triangulum*)
- Coachwhip (*Masticophis flagellum*)
- Plainbelly watersnake (*Nerodia erythrogaster*)
- Broad-banded watersnake (*Nerodia fasciata*)
- Diamond-backed watersnake (*Nerodia rhombifer*)
- Northern watersnake (*Nerodia sipedon*)
- Rough greensnake (*Opheodrys aestivus*)
- Great Plains ratsnake (*Pantherophis emoryi*)
- Black ratsnake (*Pantherophis obsoletus*)
- Bullsnake (*Pituophis catenifer*)
- Graham's crayfish snake (*Regina grahamii*)
- Glossy crayfish snake (*Regina rigida*)
- Queen snake (*Regina septemvittata*)
- Long-nosed snake (*Rhinocheilus lecontei*)
- Groundsnake (*Sonora semiannulata*)
- Brownsnake (*Storeria dekayi*)
- Red-bellied snake (*Storeria occipitomaculata*)
- Flat-headed snake (*Tantilla gracilis*)
- Plains black-headed snake (*Tantilla nigriceps*)
- Black-necked gartersnake (*Thamnophis cyrtopsis*)
- Terrestrial gartersnake (*Thamnophis elegans*)
- Checkered gartersnake (*Thamnophis marcianus*)
- Western ribbonsnake (*Thamnophis proximus*)
- Plains gartersnake (*Thamnophis radix*)
- Common gartersnake (*Thamnophis sirtalis*)
- Lined snake (*Tropidoclonion lineatum*)
- Rough earthsnake (*Virginia striatula*)
- Smooth earthsnake (*Virginia valeriae*)
- Blindsnake (*Leptotyphlops dulcis*)
- Copperhead (*Agkistrodon contortrix*) ☠
- Cottonmouth (*Agkistrodon piscivorus*) ☠
- Western diamondback rattlesnake (*Crotalus atrox*) ☠
- Timber rattlesnake (*Crotalus horridus*) ☠
- Prairie rattlesnake (*Crotalus viridis*) ☠
- Massasauga (*Sistrurus catenatus*) ☠
- Pygmy rattlesnake (*Sistrurus miliarius*) ☠

☠ - venomous

Other resources

Conant, Roger and Joseph T. Collins. **A Field Guide to Reptiles and Amphibians of Eastern and Central North America.** Fourth Edition, Expanded. Boston: Houghton Mifflin, 1998.

Stebbins, Robert C. **A Field Guide to Western Reptiles and Amphibians.** Boston: Houghton Mifflin, 2003.

Laurie J. Vitt, and Janalee P. Caldwell. **Herpetology: An Introductory Biology of Amphibians and Reptiles.** Third Edition. San Diego: Academic Press, 2009.

Pianka, Eric R. and Laurie J. Vitt. **Lizards: Windows to the Evolution of Diversity.** Berkeley: University of California Press, 2003.

Sievert, Greg, and Lynette Sievert. **A Field Guide to Oklahoma's Amphibians and Reptiles.** Oklahoma Department of Wildlife Conservation, 2006.

TIGR Reptile Database,
<http://www.reptile-database.org/>

Amphibian Species of the World,
<http://research.amnh.org/herpetology/amphibi/index.php>

Distribution of amphibians and reptiles in Oklahoma,
<http://www.biosurvey.ou.edu/dokadesc.html>

SNOMNH Herpetology

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Checklist of Oklahoma Amphibians and Reptiles



This checklist of the herpetofauna occurring in Oklahoma was compiled based on *A Field Guide to the Reptiles and Amphibians of Eastern and Central North America* by Conant and Collins, *A Field Guide to Western Reptiles and Amphibians* by Stebbins, and *Herpetology* by Vitt and Caldwell. These references and others are included on the back cover of this checklist.

Herpetology

Herpetology is the study of reptiles and amphibians, two groups of animals with fascinating life histories. Worldwide, approximately 4800 species of amphibians (frogs, salamanders, and caecilians) and 7700 species of reptiles (turtles, crocodylians, tuataras, lizards, and snakes) are recognized.

From the Ozark and Ouachita Mountains in the east, to the prairies of the west, Oklahoma is home to many diverse habitats supporting 55 species of amphibians and 82 species of reptiles.

Salamanders (Caudata)

- Ringed salamander (*Ambystoma annulatum*)
- Spotted salamander (*Ambystoma maculatum*)
- Marbled salamander (*Ambystoma opacum*)
- Mole salamander (*Ambystoma talpoideum*)
- Tiger salamander (*Ambystoma tigrinum*)
- Smallmouth salamander (*Ambystoma texanum*)
- Three-toed amphiuma (*Amphiuma tridactylum*)
- Ouachita dusky salamander (*Desmognathus brimleyorum*)
- Longtail salamander (*Eurycea longicauda*)
- Cave salamander (*Eurycea lucifuga*)
- Graybelly salamander (*Eurycea multiplicata*)
- Grotto salamander (*Eurycea spelaeus*)
- Oklahoma salamander (*Eurycea tynerensis*)
- Four-toed salamander (*Hemidactylium scutatum*)
- Western slimy salamander (*Plethodon albagula*)
- Ozark zig-zag salamander (*Plethodon angusticlavius*)
- Kiamichi slimy salamander (*Plethodon kiamichi*)
- Rich Mountain salamander (*Plethodon ouachitae*)
- Slimy salamander (*Plethodon sequoyah*)
- Southern redback salamander (*Plethodon serratus*)
- Mudpuppy (*Necturus maculosus*)
- Central newt (*Notophthalmus viridescens*)
- Lesser siren (*Siren intermedia*)

Frogs and Toads (Anura)

- American toad (*Anaxyrus (Bufo) americanus*)
- Great Plains toad (*Anaxyrus (Bufo) cognatus*)
- Green toad (*Anaxyrus (Bufo) debilis*)
- Fowler's toad (*Anaxyrus (Bufo) fowleri*)
- Red-spotted toad (*Anaxyrus (Bufo) punctatus*)
- Texas toad (*Anaxyrus (Bufo) speciosus*)
- Woodhouse's toad (*Anaxyrus (Bufo) woodhousii*)
- Cricket frog (*Acris crepitans*)
- Bird-voiced treefrog (*Hyla avivoca*)
- Cope's gray treefrog (*Hyla chrysoscelis*)

- Green treefrog (*Hyla cinerea*)
- Squirrel treefrog (*Hyla squirella*)
- Gray treefrog (*Hyla versicolor*)
- Spotted chorus frog (*Pseudacris clarkii*)
- Spring peeper (*Pseudacris crucifer*)
- Upland chorus frog (*Pseudacris feriarum*)
- Cajun chorus frog (*Pseudacris fouquettei*)
- Strecker's chorus frog (*Pseudacris streckeri*)
- Western chorus frog (*Pseudacris triseriata*)
- Eastern narrowmouth toad (*Gastrophryne carolinensis*)
- Great Plains narrowmouth toad (*Gastrophryne olivacea*)
- Couch's spadefoot toad (*Scaphiopus couchii*)
- Hurter's spadefoot toad (*Scaphiopus hurterii*)
- Plains spadefoot toad (*Spea bombifrons*)
- Great Basin spadefoot toad (*Spea multiplicata*)
- Crawfish frog (*Lithobates (Rana) areolata*)
- Plains leopard frog (*Lithobates (Rana) blairi*)
- Bullfrog (*Lithobates (Rana) catesbeiana*)
- Green frog (*Lithobates (Rana) clamitans*)
- Pickerel frog (*Lithobates (Rana) palustris*)
- Southern leopard frog (*Lithobates (Rana) sphenoccephala*)
- Wood frog (*Lithobates (Rana) sylvatica*)

Turtles (Testudines)

- Common snapping turtle (*Chelydra serpentina*)
- Alligator snapping turtle (*Macrochelys temminckii*)
- Painted turtle (*Chrysemys picta*)
- Chicken turtle (*Deirochelys reticularia*)
- Map turtle (*Graptemys geographica*)
- Mississippi map turtle (*Graptemys kohnii*)
- Ouachita map turtle (*Graptemys ouachitensis*)
- River cooter (*Pseudemys concinna*)
- Three-toed box turtle (*Terrapene carolina*)
- Ornate box turtle (*Terrapene ornata*)
- Red-eared slider (*Trachemys scripta*)
- Yellow mud turtle (*Kinosternon flavescens*)

- Mississippi mud turtle (*Kinosternon subrubrum*)
- Razor-backed musk turtle (*Sternotherus carinatus*)
- Stinkpot (*Sternotherus odoratus*)
- Smooth softshell (*Apalone mutica*)
- Spiny softshell (*Apalone spinifera*)

Crocodylians (Crocodylia)

- American alligator (*Alligator mississippiensis*)

Lizards and Snakes (Squamata)

Lizards

- Glass lizard (*Ophisaurus attenuatus*)
- Green anole (*Anolis carolinensis*)
- Collared lizard (*Crotaphytus collaris*)
- Earless lizard (*Holbrookia maculata*)
- Texas horned lizard (*Phrynosoma cornutum*)
- Round-tailed horned lizard (*Phrynosoma modestum*)
- Fence lizard (*Sceloporus undulatus*)
- Side-blotched lizard (*Uta stansburiana*)
- Coal skink (*Plestiodon (Eumeces) anthracinus*)
- Five-lined skink (*Plestiodon (Eumeces) fasciatus*)
- Broadhead skink (*Plestiodon (Eumeces) laticeps*)
- Great Plains skink (*Plestiodon (Eumeces) obsoletus*)
- Prairie skink (*Plestiodon (Eumeces) septentrionalis*)
- Ground skink (*Scincella lateralis*)
- Spotted whiptail (*Aspidoscelis gularis*)
- Six-lined racerunner (*Aspidoscelis sexlineatus*)
- Checkered whiptail (*Aspidoscelis tessellatus*)

Snakes

- Glossy snake (*Arizona elegans*)
- Western worm snake (*Carphophis vermis*)
- Scarletsnake (*Cemophora coccinea*)
- Racer (*Coluber constrictor*)
- Ring-necked snake (*Diadophis punctatus*)
- Mudsucker (*Farancia abacura*)
- Eastern hognose snake (*Heterodon platirhinos*)
- Western hognose snake (*Heterodon nasicus*)