

- Glossy crayfish snake (*Liodytes rigida*)
- 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*)
- Queen snake (*Regina septemvittata*)
- Texas threadsnake (*Rena dissecta*)
- New Mexico threadsnake (*Rena dulcis*)
- 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*)
- Smooth earthsnake (*Virginia valeriae*)
- Eastern Copperhead (*Agkistrodon contortrix*) ☠
- Broad-banded Copperhead (*Agkistrodon lacinctus*) ☠
- Cottonmouth (*Agkistrodon piscivorus*) ☠
- Western diamondback rattlesnake (*Crotalus atrox*) ☠
- Timber rattlesnake (*Crotalus horridus*) ☠
- Prairie rattlesnake (*Crotalus viridis*) ☠
- Pygmy rattlesnake (*Sistrurus miliarius*) ☠
- Western Massasauga (*Sistrurus tergeminus*) ☠

☠ - venomous

Taxonomy correct as of 2/1/19

Other resources

Conant, Roger and Joseph T. Collins. **A Field Guide to Reptiles and Amphibians of Eastern and Central North America.** 4th Edition, Expanded. Boston: Houghton Mifflin, 1998.

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

Vitt, Laurie J., and Janalee P. Caldwell. **Herpetology: An Introductory Biology of Amphibians and Reptiles.** 4th Edition. San Diego: Academic Press, 2013.

Powell, Robert, Joseph T. Collins, and Errol D. Hooper, Jr. **Key to the Herpetofauna of the Continental United States and Canada.** 2nd Edition. Lawrence: University Press of Kansas, 2012

Sievert, Greg, and Lynette Sievert. **A Field Guide to Oklahoma's Amphibians and Reptiles.** Oklahoma Department of Wildlife Conservation, 2011.

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

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

AmphibiaWeb,
<http://amphibiaweb.org/index.html>

SNOMNH Herpetology

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Sam Noble Museum

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 7,900 species of amphibians (frogs, salamanders, and caecilians) and 10,800 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 54 species of amphibians and 85 species of reptiles.

Salamanders (Caudata)

- Ringed salamander (*Ambystoma annulatum*)
- Spotted salamander (*Ambystoma maculatum*)
- Western tiger salamander (*Ambystoma mavortium*)
- Marbled salamander (*Ambystoma opacum*)
- Mole salamander (*Ambystoma talpoideum*)
- Eastern 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*)
- Mudpuppy (*Necturus louisianensis*)
- Central newt (*Notophthalmus viridescens*)
- 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*)
- Lesser siren (*Siren intermedia*)

Frogs and Toads (Anura)

- American toad (*Anaxyrus americanus*)
- Great Plains toad (*Anaxyrus cognatus*)
- Green toad (*Anaxyrus debilis*)
- Fowler's toad (*Anaxyrus fowleri*)
- Red-spotted toad (*Anaxyrus punctatus*)
- Texas toad (*Anaxyrus speciosus*)
- Woodhouse's toad (*Anaxyrus woodhousii*)
- Cricket frog (*Acris blanchardi*)
- 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*)
- Cajun chorus frog (*Pseudacris fouquettei*)
- Boreal chorus frog (*Pseudacris maculata*)
- Strecker's chorus frog (*Pseudacris streckeri*)
- 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 areolata*)
- Plains leopard frog (*Lithobates blairi*)
- Bullfrog (*Lithobates catesbeiana*)
- Green frog (*Lithobates clamitans*)
- Pickerel frog (*Lithobates palustris*)
- Southern leopard frog (*Lithobates sphenoccephala*)
- Wood frog (*Lithobates sylvatica*)

Turtles (Testudines)

- Common snapping turtle (*Chelydra serpentina*)
- Alligator snapping turtle (*Macrochelys temminckii*)
- Painted turtle (*Chrysemys picta*)
- Chicken turtle (*Deirochelys reticularia*)
- Northern map turtle (*Graptemys geographica*)
- Ouachita map turtle (*Graptemys ouachitensis*)
- False map turtle (*Graptemys pseudogeographica*)
- 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*)

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 consobrinus*)
- Side-blotched lizard (*Uta stansburiana*)
- Coal skink (*Plestiodon anthracinus*)
- Five-lined skink (*Plestiodon fasciatus*)
- Broadhead skink (*Plestiodon laticeps*)
- Great Plains skink (*Plestiodon obsoletus*)
- Prairie skink (*Plestiodon septentrionalis*)
- Ground skink (*Scincella lateralis*)
- Spotted whiptail (*Aspidoscelis gularis*)
- Six-lined racerunner (*Aspidoscelis sexlineata*)
- Checkered whiptail (*Aspidoscelis tessellata*)

Snakes

- Glossy snake (*Arizona elegans*)
- Western worm snake (*Carphophis vermis*)
- Scarletsnake (*Cemophora coccinea*)
- Racer (*Coluber constrictor*)
- Ring-necked snake (*Diadophis punctatus*)
- Mudsake (*Farancia abacura*)
- Rough earthsnake (*Haldea striatula*)
- Eastern hognose snake (*Heterodon platirhinos*)
- Western hognose snake (*Heterodon nasicus*)
- Chihuahuan nightsnake (*Hypsiglena jani*)
- Prairie kingsnake (*Lampropeltis calligaster*)
- Central Plains milksnake (*Lampropeltis gentilis*)
- Speckled kingsnake (*Lampropeltis holbrooki*)
- Milksnake (*Lampropeltis triangulum*)