

**Appendix 1.1 Kentucky's Species of Greatest Conservation Need (SGCN) and their statuses.**

Common name	Scientific name	Federal	Heritage	GRank	SRank
<b>Fish (55 species).</b>					
Alabama Shad	<i>Alosa alabamae</i>	C	E	G3	S1
Alligator Gar	<i>Atractosteus spatula</i>	N	E	G3	S1
Ashy Darter	<i>Etheostoma cinereum</i>	N	S	G2	S3
Blackfin Sucker	<i>Thoburnia atripinnis</i>	N	S	G2	S2
Blackside Dace	<i>Phoxinus cumberlandensis</i>	LT	T	G2	S2
Blacktail Redhorse	<i>Moxostoma poecilurum</i>	N	E	G5	S1
Bloodfin Darter	<i>Etheostoma sanguifluum</i>	N	N	G4	S4
Blotched Chub	<i>Erimystax insignis</i>	N	E	G3	S1
Blunface Shiner	<i>Cyprinella camura</i>	N	E	G5	S1
Brighteye Darter	<i>Etheostoma lynceum</i>	N	E	G5	S1
Brown Madtom	<i>Noturus phaeus</i>	N	E	G4	S1
Central Mudminnow	<i>Umbra limi</i>	N	T	G5	S2
Cumberland Arrow Darter	<i>Etheostoma sagitta sagitta</i>	N	N	G3	S4
Cumberland Johnny Darter	<i>Etheostoma susanae</i>	C	E	G2	S1
Cypress Darter	<i>Etheostoma proeliare</i>	N	T	G5	S2
Cypress Minnow	<i>Hybognathus hayi</i>	N	E	G5	S1
Dollar Sunfish	<i>Lepomis marginatus</i>	N	E	G5	S1
Duskytail Darter	<i>Etheostoma percnurum</i>	LE, PXN	E	G1	S1
Emerald Darter	<i>Etheostoma baileyi</i>	N	N	G4	S4
Firebelly Darter	<i>Etheostoma pyrrhogaster</i>	N	E	G2	S1
Flathead Chub	<i>Platygobio gracilis</i>	N	S	G5	S1
Frecklebelly Darter	<i>Percina stictogaster</i>	N	N	G4	S4
Golden Topminnow	<i>Fundulus chrysotus</i>	N	E	G5	S1
Goldstripe Darter	<i>Etheostoma parvipinne</i>	N	E	G4	S1
Gulf Darter	<i>Etheostoma swaini</i>	N	E	G5	S1
Highland Rim Darter	<i>Etheostoma kantuckeense</i>	N	N	G4	S4
Inland Silverside	<i>Menidia beryllina</i>	N	T	G5	S2
Kentucky Arrow Darter	<i>Etheostoma sagitta spilotum</i>	N	N	G3	S4
Kentucky Darter	<i>Etheostoma rafinesquei</i>	N	N	G4	S4
Lake Chubsucker	<i>Erimyzon sucetta</i>	N	T	G5	S2
Lake Sturgeon	<i>Acipenser fulvescens</i>	N	E	G3	S1

**Appendix 1.1 Continued.**

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Common name	Scientific name	Federal	Heritage	GRank	SRank
Least Madtom	<i>Noturus hildebrandi</i>	N	E	G5	S1
Longhead Darter	<i>Percina macrocephala</i>	N	E	G3	S1
Northern Cavefish	<i>Amblyopsis spelaea</i>	N	S	G3	S3
Northern Madtom	<i>Noturus stigmosus</i>	N	S	G3	S2
Olive Darter	<i>Percina squamata</i>	N	E	G3	S1
Palezone Shiner	<i>Notropis albizonatus</i>	LE	E	G2	S1
Pallid Sturgeon	<i>Scaphirhynchus albus</i>	LE	E	G1	S1
Plains Minnow	<i>Hybognathus placitus</i>	N	S	G4	S1
Redspotted Sunfish	<i>Lepomis miniatus</i>	N	T	G5	S2
Relict Darter	<i>Etheostoma chienense</i>	LE	E	G1	S1
Sawfin Shiner	<i>Notropis sp. 4</i>	N	E	G4	S1
Shawnee Darter	<i>Etheostoma tecumsehi</i>	N	N	G1	S4
Slender Madtom	<i>Noturus exilis</i>	N	E	G5	S1
Smallscale Darter	<i>Etheostoma microlepidum</i>	N	E	G2	S1
Southern Cavefish	<i>Typhlichthys subterraneus</i>	N	S	G4	S2
Splendid Darter	<i>Etheostoma barrenense</i>	N	N	G4	S4
Spotted Darter	<i>Etheostoma maculatum</i>	N	T	G2	S2
Stargazing Minnow	<i>Phenacobius uranops</i>	N	S	G4	S2
Starhead Topminnow	<i>Fundulus dispar</i>	N	E	G4	S1
Stone Darter	<i>Etheostoma derivativum</i>	N	N	G4	S4
Striped Darter	<i>Etheostoma virgatum</i>	N	N	G4	S4
Swamp Darter	<i>Etheostoma fusiforme</i>	N	E	G5	S1
Taillight Shiner	<i>Notropis maculatus</i>	N	T	G5	S2
Western Sand Darter	<i>Ammocrypta clara</i>	N	E	G3	S1

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**Appendix 1.1 Continued.**

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Common name	Scientific name	Federal	Heritage	GRank	SRank
<b>Lamprey (4 species).</b>					
American Brook Lamprey	<i>Lampetra appendix</i>	N	T	G4	S2
Chestnut Lamprey	<i>Ichthyomyzon castaneus</i>	N	S	G4	S2
Mountain Brook Lamprey	<i>Ichthyomyzon greeleyi</i>	N	T	G3	S2
Northern Brook Lamprey	<i>Ichthyomyzon fossor</i>	N	T	G4	S2

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**Appendix 1.1 Continued.**

Common name	Scientific name	Federal	Heritage	GRank	SRank
<b>Mussel (46 species).</b>					
Bleufer	<i>Potamilus purpuratus</i>	N	E	G5	S1
Butterfly	<i>Ellipsaria lineolata</i>	N	N	G4	S4
Catspaw	<i>Epioblasma obliquata</i> <i>obliquata</i>	LE	E	G1	S1
Clubshell	<i>Pleurobema clava</i>	LE, XN	E	G2	S1
Cracking Pearlymussel	<i>Hemistena lata</i>	LE, XN	X	G1	S1
Creek Heelsplitter	<i>Lasmigona compressa</i>	N	E	G5	S1
Cumberland Bean	<i>Villosa trabalis</i>	LE, XN	E	G1	S1
Cumberland Elktoe	<i>Alasmidonta atropurpurea</i>	LE	E	G1	S1
Cumberland Moccasinshell	<i>Medionidus conradicus</i>	N	N	G3	S4
Cumberland Papershell	<i>Anodontoides denigratus</i>	N	E	G1	S1
Cumberlandian Combshell	<i>Epioblasma brevidens</i>	LE, XN	E	G1	S1
Dromedary Pearlymussel	<i>Dromus dromas</i>	LE, XN	X	G1	S1
Elephantear	<i>Elliptio crassidens</i>	N	N	G5	S4
Elktoe	<i>Alasmidonta marginata</i>	N	T	G4	S2
Fanshell	<i>Cyprogenia stegaria</i>	LE	E	G1	S1
Fat Pocketbook	<i>Potamilus capax</i>	LE	E	G1	S1
Fluted Kidneyshell	<i>Ptychobranhus subtentum</i>	C	E	G2	S1
Green Floater	<i>Lasmigona subviridis</i>	N	X	G3	S1
Kentucky Creekshell	<i>Villosa ortmanni</i>	N	T	G2	S2
Little Spectaclecase	<i>Villosa lienosa</i>	N	S	G5	S3
Littlewing Pearlymussel	<i>Pegias fabula</i>	LE	E	G1	S1
Longsolid	<i>Fusconaia subrotunda</i>	N	S	G3	S3
Mountain Creekshell	<i>Villosa vanuxemensis</i> <i>vanuxemensis</i>	N	T	G4	S2
Northern Riffleshell	<i>Epioblasma torulosa</i> <i>rangiana</i>	LE	E	G2	S1
Orangefoot Pimpleback	<i>Plethobasus cooperianus</i>	LE	E	G1	S1
Oyster Mussel	<i>Epioblasma capsaeformis</i>	LE, XN	E	G1	S1
Pink Mucket	<i>Lampsilis abrupta</i>	LE	E	G2	S1
Pocketbook	<i>Lampsilis ovata</i>	N	E	G5	S1
Purple Lilliput	<i>Toxolasma lividus</i>	N	E	G2	S1

**Appendix 1.1 Continued.**

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Common name	Scientific name	Federal	Heritage	GRank	SRank
Pyramid Pigtoe	<i>Pleurobema rubrum</i>	N	E	G2	S1
Rabbitsfoot	<i>Quadrula cylindrica</i> <i>cylindrica</i>	N	T	G3	S2
Rayed Bean	<i>Villosa fabalis</i>	N	X	G1	S1
Ring Pink	<i>Obovaria retusa</i>	LE	E	G1	S1
Rough Pigtoe	<i>Pleurobema plenum</i>	LE	E	G1	S1
Round Hickorynut	<i>Obovaria subrotunda</i>	N	N	G4	S4
Salamander Mussel	<i>Simpsonaias ambigua</i>	N	T	G3	S2
Scaleshell	<i>Leptodea leptodon</i>	LE	X	G1	S1
Sheepnose	<i>Plethobasus cyphus</i>	N	E	G3	S1
Slabside Pearlymussel	<i>Lexingtonia dolabelloides</i>	C	X	G2	S1
Slippershell Mussel	<i>Alasmidonta viridis</i>	N	N	G4	S4
Snuffbox	<i>Epioblasma triquetra</i>	N	E	G3	S1
Spectaclecase	<i>Cumberlandia monodonta</i>	N	E	G2	S1
Tan Riffleshell	<i>Epioblasma florentina</i> <i>walkeri</i>	LE	E	G1	S1
Tennessee Clubshell	<i>Pleurobema oviforme</i>	N	E	G3	S1
Texas Lilliput	<i>Toxolasma texasiensis</i>	N	E	G4	S1
Winged Mapleleaf	<i>Quadrula fragosa</i>	LE, XN	X	G1	N

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**Appendix 1.1 Continued.**

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Common name	Scientific name	Federal	Heritage	GRank	SRank
<b>Amphibian (22 species).</b>					
Allegheny Mountain Dusky Salamander	<i>Desmognathus ochrophaeus</i>	N	N	G5	S4
Barking Treefrog	<i>Hyla gratiosa</i>	N	S	G5	S3
Bird-voiced Treefrog	<i>Hyla avivoca</i>	N	S	G5	S3
Black Mountain Salamander	<i>Desmognathus welteri</i>	N	N	G4	S4
Cumberland Plateau Salamander	<i>Plethodon kentucki</i>	N	N	G4	S4
Eastern Hellbender	<i>Cryptobranchus alleganiensis alleganiensis</i>	N	S	G3	S3
Four-toed Salamander	<i>Hemidactylium scutatum</i>	N	N	G5	S4
Gray Treefrog	<i>Hyla versicolor</i>	N	S	G5	S2
Green Salamander	<i>Aneides aeneus</i>	N	N	G3	S4
Green Treefrog	<i>Hyla cinerea</i>	N	S	G5	S3
Mole Salamander	<i>Ambystoma talpoideum</i>	N	N	G5	S3
Northern Crawfish Frog	<i>Rana areolata circulosa</i>	N	S	G4	S3
Northern Leopard Frog	<i>Rana pipiens</i>	N	S	G5	S3
Redback Salamander	<i>Plethodon cinereus</i>	N	S	G5	S3
Southern Leopard Frog	<i>Rana sphenocephala</i>	N	N	G5	S5
Southern Zigzag Salamander	<i>Plethodon ventralis</i>	N	N	G4	S4
Streamside Salamander	<i>Ambystoma barbouri</i>	N	N	G4	S4
Three-lined Salamander	<i>Eurycea guttolineata</i>	N	T	G5	S2
Three-toed Amphiuma	<i>Amphiuma tridactylum</i>	N	E	G5	S1
Wehrle's Salamander	<i>Plethodon wehrlei</i>	N	E	G5	S1
Western Lesser Siren	<i>Siren intermedia nettingi</i>	N	N	G5	S3
Wood Frog	<i>Rana sylvatica</i>	N	N	G5	S5

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**Appendix 1.1 Continued.**

Common name	Scientific name	Federal	Heritage	GRank	SRank
<b>Bird (81 species).</b>					
American Bittern	<i>Botaurus lentiginosus</i>	N	H	G4	S1
American Black Duck	<i>Anas rubripes</i>	N	N	G5	S4
American Golden-plover	<i>Pluvialis dominica</i>	N	N	G5	S3
American White Pelican	<i>Pelecanus erythrorhynchos</i>	N	N	G3	S4
American Woodcock	<i>Scolopax minor</i>	N	N	G5	S4
Bachman's Sparrow	<i>Aimophila aestivalis</i>	N	E	G3	S1
Bald Eagle	<i>Haliaeetus leucocephalus</i>	PS:LT,P DL	T	G4	S2
Bank Swallow	<i>Riparia riparia</i>	N	S	G5	S3
Barn Owl	<i>Tyto alba</i>	N	S	G5	S3
Bell's Vireo	<i>Vireo bellii</i>	PS	S	G5	S2
Bewick's Wren	<i>Thryomanes bewickii</i>	N	S	G5	S3
Black Tern	<i>Chlidonias niger</i>	N	X	G4	S1
Blackburnian Warbler	<i>Dendroica fusca</i>	N	T	G5	S1
Black-crowned Night-heron	<i>Nycticorax nycticorax</i>	N	T	G5	S1
Blue-winged Warbler	<i>Vermivora pinus</i>	N	N	G5	S4
Bobolink	<i>Dolichonyx oryzivorus</i>	N	S	G5	S2
Brown Creeper	<i>Certhia americana</i>	N	E	G5	S1
Buff-breasted Sandpiper	<i>Tryngites subruficollis</i>	N	N	G4	S3
Canada Warbler	<i>Wilsonia canadensis</i>	N	S	G5	S3
Cerulean Warbler	<i>Dendroica cerulea</i>	N	N	G4	S4
Common Moorhen	<i>Gallinula chloropus</i>	PS	T	G5	S1
Common Raven	<i>Corvus corax</i>	N	T	G5	S1
Common Tern	<i>Sterna hirundo</i>	N	N	G5	S3
Dickcissel	<i>Spiza americana</i>	N	N	G5	S4
Dunlin	<i>Calidris alpina</i>	N	N	G5	S4
Golden-winged Warbler	<i>Vermivora chrysoptera</i>	N	T	G4	S2
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	PS	N	G5	S4
Great Egret	<i>Ardea alba</i>	N	E	G5	S1
Greater Prairie-chicken	<i>Tympanuchus cupido</i>	PS	X	G4	N
Henslow's Sparrow	<i>Ammodramus henslowii</i>	N	S	G4	S3
Hooded Merganser	<i>Lophodytes cucullatus</i>	N	T	G5	S1

**Appendix 1.1 Continued.**

Common name	Scientific name	Federal	Heritage	GRank	SRank
Horned Grebe	<i>Podiceps auritus</i>	N	N	G5	S4
Interior Least Tern	<i>Sterna antillarum athalassos</i>	LE	E	G2	S2
Kentucky Warbler	<i>Oporornis formosus</i>	N	N	G5	S5
King Rail	<i>Rallus elegans</i>	N	E	G4	S1
Lark Sparrow	<i>Chondestes grammacus</i>	N	T	G5	S2
Least Bittern	<i>Ixobrychus exilis</i>	N	T	G5	S1
Least Flycatcher	<i>Empidonax minimus</i>	N	E	G5	S1
Lesser Yellowlegs	<i>Tringa flavipes</i>	N	N	G5	S4
Little Blue Heron	<i>Egretta caerulea</i>	N	E	G5	S1
Loggerhead Shrike	<i>Lanius ludovicianus</i>	PS	N	G4	S4
Long-eared Owl	<i>Asio otus</i>	N	E	G5	S1
Louisiana Waterthrush	<i>Seiurus motacilla</i>	N	N	G5	S5
Mississippi Kite	<i>Ictinia mississippiensis</i>	N	S	G5	S2
Northern Bobwhite	<i>Colinus virginianus</i>	PS	N	G5	S5
Northern Harrier	<i>Circus cyaneus</i>	N	T	G5	S1
Northern Pintail	<i>Anas acuta</i>	N	N	G5	S4
Osprey	<i>Pandion haliaetus</i>	N	T	G5	S2
Peregrine Falcon	<i>Falco peregrinus</i>	PS:LE	E	G4	S1
Pied-billed Grebe	<i>Podilymbus podiceps</i>	N	E	G5	S1
Piping Plover	<i>Charadrius melodus</i>	LE, LT	N	G3	S2
Prairie Warbler	<i>Dendroica discolor</i>	N	N	G5	S5
Prothonotary Warbler	<i>Protonotaria citrea</i>	N	N	G5	S5
Red-breasted Nuthatch	<i>Sitta canadensis</i>	N	E	G5	S1
Red-cockaded Woodpecker	<i>Picooides borealis</i>	LE	X	G3	N
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	N	N	G5	S4
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	N	S	G5	S3
Rusty Blackbird	<i>Euphagus carolinus</i>	N	N	G4	S3
Sanderling	<i>Calidris alba</i>	N	N	G5	S3
Savannah Sparrow	<i>Passerculus sandwichensis</i>	N	S	G5	S2
Sedge Wren	<i>Cistothorus platensis</i>	N	S	G5	S3
Semipalmated Sandpiper	<i>Calidris pusilla</i>	N	N	G5	S4



**Appendix 1.1 Continued.**

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Common name	Scientific name	Federal	Heritage	GRank	SRank
Sharp-shinned Hawk	<i>Accipiter striatus</i>	PS	S	G5	S3
Short-billed Dowitcher	<i>Limnodromus griseus</i>	N	N	G5	S3
Short-eared Owl	<i>Asio flammeus</i>	N	E	G5	S1
Solitary Sandpiper	<i>Tringa solitaria</i>	N	N	G5	S4
Stilt Sandpiper	<i>Calidris himantopus</i>	N	N	G5	S3
Swainson's Warbler	<i>Limnithlypis swainsonii</i>	N	N	G4	S3
Swallow-tailed Kite	<i>Elanoides forficatus</i>	N	X	G5	N
Trumpeter Swan	<i>Cygnus buccinator</i>	N	X	G4	S4
Upland Sandpiper	<i>Bartramia longicauda</i>	N	H	G5	S3
Vesper Sparrow	<i>Poocetes gramineus</i>	N	E	G5	S1
Western Sandpiper	<i>Calidris mauri</i>	N	N	G5	S3
Whooping Crane	<i>Grus americana</i>	LE, XN	X	G1	S4
Willow Flycatcher	<i>Empidonax traillii</i>	PS	N	G5	S3
Wilson's Phalarope	<i>Phalaropus tricolor</i>	N	N	G5	S3
Wilson's Snipe	<i>Gallinago delicata</i>	N	N	G5	S3
Wood Thrush	<i>Hylocichla mustelina</i>	N	N	G5	S5
Worm-eating Warbler	<i>Helmitheros vermivorus</i>	N	N	G5	S4
Yellow Rail	<i>Coturnicops noveboracensis</i>	N	N	G4	S3
Yellow-crowned Night-heron	<i>Nyctanassa violacea</i>	N	T	G5	S2

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**Appendix 1.1 Continued.**

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Common name	Scientific name	Federal	Heritage	GRank	SRank
<b>Mammal (16 species).</b>					
Allegheny Woodrat	<i>Neotoma magister</i>	N	N	G3	S4
American Black Bear	<i>Ursus americanus</i>	PS	S	G5	S2
Appalachian Cottontail	<i>Sylvilagus obscurus</i>	N	N	G4	S2
Cinereus Shrew	<i>Sorex cinereus</i>	N	S	G5	S3
Cotton Mouse	<i>Peromyscus gossypinus</i>	PS	T	G5	S2
Eastern Small-footed Myotis	<i>Myotis leibii</i>	N	T	G3	S2
Eastern Spotted Skunk	<i>Spilogale putorius</i>	N	S	G5	S2
Evening Bat	<i>Nycticeius humeralis</i>	N	S	G5	S3
Gray Myotis	<i>Myotis grisescens</i>	LE	T	G3	S2
Indiana Bat	<i>Myotis sodalis</i>	LE	E	G2	S1
Kentucky Red-backed Vole	<i>Clethrionomys gapperi maurus</i>	N	S	G3	S3
Long-tailed Or Rock Shrew	<i>Sorex dispar blitchi</i>	N	E	G3	S1
Rafinesque's Big-eared Bat	<i>Corynorhinus rafinesquii</i>	N	S	G3	S3
Southeastern Myotis	<i>Myotis austroriparius</i>	N	E	G3	S1
Swamp Rabbit	<i>Sylvilagus aquaticus</i>	N	N	G5	S3
Virginia Big-eared Bat	<i>Corynorhinus townsendii virginianus</i>	LE	E	G2	S1

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**Appendix 1.1 Continued.**

Common name	Scientific name	Federal	Heritage	GRank	SRank
<b>Reptile (27 species).</b>					
Alligator Snapping Turtle	<i>Macrochelys temminckii</i>	N	T	G3	S2
Broad-banded Water Snake	<i>Nerodia fasciata confluens</i>	N	E	G5	S1
Coal Skink	<i>Eumeces anthracinus</i>	N	T	G5	S2
Copperbelly Water Snake	<i>Nerodia erythrogaster neglecta</i>	PS:LT	S	G2	S3
Corn Snake	<i>Elaphe guttata guttata</i>	N	S	G5	S3
Diamondback Water Snake	<i>Nerodia rhombifer rhombifer</i>	N	N	G5	S5
Eastern Coachwhip	<i>Masticophis flagellum flagellum</i>	N	X	G5	N
Eastern Mud Turtle	<i>Kinosternon subrubrum</i>	N	N	G5	S3
Eastern Ribbon Snake	<i>Thamnophis sauritus sauritus</i>	N	S	G5	S3
Eastern Slender Glass Lizard	<i>Ophisaurus attenuatus longicaudus</i>	N	T	G5	S2
False Map Turtle	<i>Graptemys pseudogeographica pseudogeographica</i>	N	N	G5	S3
Green Water Snake	<i>Nerodia cyclopion</i>	N	E	G5	S1
Kirtland's Snake	<i>Clonophis kirtlandii</i>	N	T	G2	S2
Midland Smooth Softshell	<i>Apalone mutica mutica</i>	N	S	G5	S3
Mississippi Map Turtle	<i>Graptemys pseudogeographica kohnii</i>	N	N	G4	S3
Northern Pine Snake	<i>Pituophis melanoleucus melanoleucus</i>	N	T	G4	S2
Northern Scarlet Snake	<i>Cemophora coccinea copei</i>	N	N	G5	S3
Scarlet Kingsnake	<i>Lampropeltis triangulum elapsoides</i>	N	S	G5	S3
Six-lined Racerunner	<i>Cnemidophorus sexlineatus</i>	N	N	G5	S3
Southeastern Crowned Snake	<i>Tantilla coronata</i>	N	N	G5	S3
Southeastern Five-lined Skink	<i>Eumeces inexpectatus</i>	N	S	G5	S3
Southern Painted Turtle	<i>Chrysemys picta dorsalis</i>	N	T	G5	S2

**Appendix 1.1 Continued.**

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Common name	Scientific name	Federal	Heritage	GRank	SRank
Timber Rattlesnake	<i>Crotalus horridus</i>	N	N	G4	S4
Western Cottonmouth	<i>Agkistrodon piscivorus leucostoma</i>	N	N	G5	S3
Western Mud Snake	<i>Farancia abacura reinwardtii</i>	N	S	G5	S3
Western Pygmy Rattlesnake	<i>Sistrurus miliarius streckeri</i>	N	T	G5	S2
Western Ribbon Snake	<i>Thamnophis proximus proximus</i>	N	T	G5	S1

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