

Official National Herpetology List



Exploring the World of Science

Class Order

- Family
 - Genus (species-none listed) - common name

Class Reptilia

Crocodylia – crocodiles and alligators

- Crocodylidae - crocodiles
- Alligatoridae – alligators and caiman

Testudines (Chelonia) - turtles

- Chelydridae - snapping turtles
- Kinosternidae - musk and mud turtles
- Emydidae - box, pond and marsh turtles
 - *Terrapene* - box turtles
 - *Actinemys* – western pond turtles
 - *Malaclemys* - diamondback terrapins
 - *Graptemys* - map turtles
 - *Trachemys* - sliders
 - *Chrysemys* - painted turtles
 - *Pseudemys* – cooters and redbellies
 - *Clemmys* – spotted turtle
 - *Glyptemys* – wood turtle and bog turtle
 - *Deirochelys* – chicken turtle
 - *Emydoidea* – Blanding’s turtle
- Testudinidae - tortoises
- Cheloniidae - sea turtles
- Trionychidae – soft shelled turtles

Squamata – lizards and snakes

SUBORDER LACERTILA OR SAURIA - LIZARDS

- Gekkonidae – gecko lizards
- Polychridae – anoles
 - *Anolis* - anoles
- Iguanidae – iguanids
 - *Iguana* – green iguana
 - *Dipsosaurus* – desert iguana
 - *Sauromalus* – chuckwalla
- Crotaphytidae – Collared lizards
- Phrynosomatidae – earless, spiny, tree, side-blotched and horned lizards
 - *Sceloporus* – spiny lizards
 - *Cophosaurus & Holbrookia* – earless lizards
 - *Uma* – fringe toed lizards
 - *Urosaurus & Uta* – tree and side blotched lizards
 - *Phrynosoma* – horned lizards
- Lacertidae – wall lizards
- Teiidae – whiptails
 - *Cnemidophorus* – racerunners and whiptails
- Scincidae – skinks
 - *Eumeces* – skinks
- Anguidae – glass lizards and alligator lizard
 - *Ophisaurus* – glass lizards
 - *Gerrhonotus* – alligator lizard
- Helodermatidae – gila monster

Note: The taxonomic scheme is based upon a combination of traditional and current categories (designed to utilize familiar terms widely used in published resources available to the students)

SUBORDER SERPENTES (Ophidia) - SNAKES

- Leptotyphlopidae – **blind snakes**
- Boidae
 - *Charina* – **rubber boa and rosy boa**
- Colubridae – **typically harmless snakes**
 - *Nerodia* – **water snakes and salt marsh snakes**
 - *Storeria* – **brown snakes and redbelly snakes**
 - *Thamnophis* – **garter, ribbon, lined snakes**
 - *Heterodon* – **hog-nosed snakes**
 - *Diadophis* – **ringneck snakes**
 - *Coluber* – **racers**
 - *Masticophis* – **coachwhips and whipsnakes**
 - *Opheodrys* – **green snakes**
 - *Elaphe* – **rat snakes**
 - *Pituophis* – **pine, bull and gopher snakes**
 - *Lampropeltis* – **king and milk snakes**
 - *Tantilla* – **crowned and blackhead snakes**
- Elapidae – **coral snakes**
- Hydrophiidae – **sea snakes**
- Viperidae – **(subfamily viperinae) pit vipers**
 - *Agkistrodon* – **copperhead and cottonmouths**
 - *Sistrurus* – **massasaugas and pigmy rattlesnakes**
 - *Crotalus* – **rattlesnakes**

Class Amphibia

Caudata (Urodela) - salamanders

- Cryptobranchidae – **hellbenders**
- Dicamptodontidae – **giant salamanders**
- Proteidae – **mudpuppies and water dogs**
- Rhyacotritonidae – **torrent or seep salamanders**
- Amphiumidae – **amphiumas**
- Sirenidae – **sirens**
- Ambystomatidae – **mole salamanders**
- Salamandridae – **newts**
- Plethodontidae – **lungless salamanders**
 - *Desmognathus* – **dusky salamanders & kin**
 - *Plethodon* – **woodland salamanders & kin**
 - *Ensatina* - **ensatina**
 - *Aneides* – **green/climbing salamanders**
 - *Batrachoseps* – **slender salamanders**
 - *Hydromantes* – **web-toed salamanders**
 - *Hemidactylum* – **four-toed salamanders**
 - *Gyrinophilus* – **spring salamander**
 - *Pseudotriton* – **red and mud salamanders**
 - *Eurycea* – **brook salamanders**
 - *Typhlomolge* – **Texas and Blanco blind salamanders**

Anura (Salientia) – frogs and toads

- Scaphiopodidae – **spadefoot toads**
 - *Scaphiopus* - **spadefoot toads**
- Bufonidae – **true toads**
 - *Anaxyrus* – **American toad & oak toad**
- Hylidae – **treefrogs**
 - *Hyla* - **gray treefrog & green treefrog**
 - *Pseudacris* – **western chorus frog, ornate chorus frog & spring peeper**
 - *Acris* – **cricket frogs**
- Ranidae – **true frogs**
 - *Lithobates* – **bullfrog, green frog, northern leopard frog & wood frog**
- Microhylidae – **narrow-mouthed toads**
 - *Gastrophryne* – **narrow-mouthed toads**

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