

STANDARD COMMON AND
CURRENT SCIENTIFIC NAMES
FOR NORTH AMERICAN
AMPHIBIANS, TURTLES, REPTILES
& CROCODILIANS

Sixth Edition

JOSEPH T. COLLINS

TRAVIS W. TAGGART



The Center for North American Herpetology

THE CENTER FOR NORTH AMERICAN HERPETOLOGY

www.cnah.org

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Front cover images of an Eastern Collared Lizard (*Crotaphytus collaris*) and Cajun Chorus Frog (*Pseudacris fouquettei*) by Suzanne L. Collins, *The Center for North American Herpetology*, Lawrence, Kansas.

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CONTENTS

Introduction.....	1
List of Current Scientific and Standard Common Names	
<i>Class Amphibia</i>	
Frogs (Order Anura).....	6
Salamanders (Order Caudata).....	10
<i>Class Chelonia</i>	
Straightneck Turtles (Order Cryptodira).....	17
<i>Class Eusuchia</i>	
Crocodilians (Order Crocodylia).....	20
<i>Class Reptilia</i>	
Amphisbaenians (Order Squamata).....	21
Lizards (Order Squamata).....	21
Snakes (Order Squamata).....	27
Alien Species	37
Literature Cited.....	42
About the Authors	43

Dedicated to the Memory of

Carolus Linnaeus

23 May 1707 — 10 January 1778

John Edwards Holbrook

31 December 1796 — 8 September 1871

Charles Robert Darwin

12 February 1809 — 19 April 1882

Francis Harry Compton Crick

6 April 1928 — 28 July 2004

&

with deep appreciation to

James Dewey Watson

*whose combined contributions
to science are amply reflected
in this work*

INTRODUCTION

This sixth edition of *Standard Common and Current Scientific Names for North American Amphibians, Turtles, Reptiles, and Crocodylians*, as was the case in the first five editions, is a checklist and reference to the standardized common names and currently recognized scientific names of all genera, species, and subspecies of amphibians, turtles, reptiles, and crocodylians native to the United States and Canada. When the number of native North American species is combined with the 64 introduced (non-native) taxa, this checklist covers 685 species. This edition is the result of two factors: 1) the widespread acceptance and use of the first (1978), second (1982), third (1990), fourth (1997), and fifth (2002) editions, and 2) the proposed changes or additions that have appeared in print since 2002.

The common names in this list are standardized, and, in general, merely repeat those that appeared in the fifth (2002) edition. We have made a few minor changes to some common names, adjustments either dictated by changes in their scientific names, to correct overlooked inconsistencies in the previous editions, or to bring a name into compliance with what we perceive is now common usage in most major publications on amphibians, turtles, reptiles, and crocodylians. The common names that appear in this edition are stable, and have been used extensively in state, regional, and national field guides on the North American herpetofauna that have been published since 1956, thus proving the utility and need for the standard common names contained herein. An important new feature of this list is the ability of its users to now track and evaluate all proposed taxonomic changes on the internet. As it did with the fourth and fifth editions, *The Center for North American Herpetology*, which has the largest and most comprehensive academic herpetological web site on the internet worldwide, will maintain this sixth edition online and will update it daily as changes are proposed in print. Users of this list can access the online version at

<http://www.cnah.org>

Over the past twenty years, evidence has shown that traditional recognition of the Class Reptilia is not consistent with evolutionary history. However, due to historical inertia, the herpetological community continues to be reluctant to incorporate any of these changes. We have adopted a classification based on the phylogenetic hypothesis for the Phylum Chordata displayed on the CNAH web site (Collins and Taggart, 1998–2009 et seq.), an arrangement rigorously supported by current scientific evidence using a traditional hierarchy.

The Class Reptilia has been traditionally composed of Order Chelonia (the turtles), Order Crocodylia (the crocodylians), Order Squamata (the lizards, snakes, and amphisbaenids), and Order Rhynchocephalia (the tuataras). The discovery that birds (Class Aves) are the closest modern relative to the

crocodilians renders the former Class Reptilia as an unnatural group. In order to reconcile taxonomy with the evolutionary history revealed by molecular evidence, we have adopted the classification for North America as shown on the CNAH web site until further data suggest otherwise, as follows: Class Chelonia (turtles), Class Eusuchia (crocodilians), Class Reptilia (amphibaenians, lizards, snakes, and tuataras). Due to the arbitrary nature in which higher taxa may be delineated, we have tried to use a classification in which the maximum explanatory power is retained.

We continue to urge all persons to use these standardized names—in writing, on zoo and museum exhibit labels, in proposed and enacted legislation, in public lectures, in media releases, and in any other manner that will stabilize, and thereby clarify, their use by the academic herpetological community and the general public. We continue to recommend that the first letter of each word in these standardized common names be capitalized, as they appear in this list.

This sixth edition has been styled after the previous five editions. A complete and handy reference to original descriptions of most of the taxa in this list is available in Beltz (1995). Readers are also referred to the technical checklists of specific scientific names of all amphibians by Frost (1985), all crocodilians and turtles by King and Burke (1989), and many (but not all) families of snakes by McDiarmid, Campbell and Touré (1999). Since this checklist covers only the United States and Canada, readers may wish to consult Frank and Ramus (1995) for common names for the rest of the world. Major changes in this edition are the inclusion of complete traditional hierarchies (with author attribution and date of first usage) as well as the adoption of higher level taxonomic names based on Frost et al. (2006) for amphibian genera and families, Frost and Etheridge (1989) and Frost et al. (2001) for lizard families, Collins (2006) for snake families, and Collins and Taggart (2008a, 2008b) for selected snake genera. Within the taxonomy presented here, Classes, Orders, Families, Genera, and species are in alphabetical order.

The presence of a scientific name on this list indicates that it has been properly diagnosed *in print*. Published proposals to synonymize, resurrect, or rearrange taxa recognized in the third (1990), fourth (1997), and fifth (2002) editions were offered for evaluation to groups of herpetological systematists. A similar panel of systematists was given the opportunity to scrutinize all proposed scientific name changes for this latest edition, with the following exception—all species and subspecies newly described since 2002 were automatically added to this list unless, in the intervening time, a published proposal also appeared synonymizing them, in which case the systematists were offered an opportunity to evaluate the competing proposals. The systematists were asked to evaluate a proposed change as to whether the data were sufficient and the analysis accurate, and as to whether the conclusion was logical and consistent with the data gathered and analyzed. The trend in

herpetology is for diagnosable, allopatric, or parapatric evolutionary populations to be named as species [the Evolutionary Species Concept as defined by Wiley (1978) and applied to herpetology by Frost and Hillis (1990)]. The subspecies category, if used at all, merely denotes geographic variation. The use of the subspecific category will continue to decline (see Table 3), because it is uninformative from an evolutionary standpoint.

A broad spectrum of systematic herpetologists were tendered the opportunity to determine the specific and subspecific scientific name changes to be adopted since the fifth (2002) edition of this list. These 53 individuals, listed below by taxonomic group, are as follows:

Salamanders. Ronald Bonett (University of Tulsa), Carlos D. Camp (Piedmont College, Demorest, Georgia), Paul Chippindale (University of Texas, Arlington), Richard Highton (University of Maryland, College Park), David M. Hillis (University of Texas, Austin), Allan Larson (Washington University, St. Louis), Meredith Mahoney (Illinois State Museum, Springfield), David M. Sever (Southeast Louisiana University, Hammond), Stephen G. Tilley (Smith College, Northampton, Massachusetts), Tom A. Titus (University of Oregon, Eugene), David B. Wake (University of California, Berkeley), and Addison H. Wynn (National Museum of Natural History, Washington, D. C.).

Frogs and Toads. Rafael de Sa (University of Richmond, Virginia), Julian Faivovich (American Museum of Natural History, New York), Tony Gamble (University of Minnesota, Minneapolis), Anna Goebel (Florida Gulf Coast University, Ft. Myers), S. Blair Hedges (Pennsylvania State University, University Park), Paul E. Moler (Gainesville, Florida), Emily C. Moriarty Lemmon (Florida State University, Tallahassee), Greg Pauly (University of Texas, Austin), and Brian K. Sullivan (Arizona State University West, Phoenix).

Turtles. John W. Bickham (Purdue University, West Lafayette, Indiana), John B. Iverson (Earlham College, Richmond, Indiana), Peter V. Lindeman (Edinboro University, Pennsylvania), Jeffrey Lovich (U.S. Geological Survey, Flagstaff, Arizona), Peter Meylan (Eckerd College, St. Petersburg, Florida), Peter C. H. Pritchard (Chelonian Research Institute, Oviedo, Florida), Michael E. Seidel (University of North Florida, Jacksonville), H. Bradley Shaffer (University of California, Davis), David E. Starkey (University of Central Arkansas, Conway), and Patrick R. Stephens (University of California, Santa Barbara).

Lizards. Kevin de Queiroz (National Museum of Natural History, Smithsonian Institution, Washington, D.C.), Bradford Hollingsworth (San Diego Natural History Museum, California), Jimmy A. McGuire (University of California, Berkeley), Richard R. Montanucci (Clemson University, South Carolina), Daniel G. Mulcahy (Brigham Young University, Provo, Utah), Robert Powell (Avila University, Kansas City, Missouri), Todd W. Reeder (San Diego State University, California), Jack W. Sites, Jr. (Brigham Young University, Provo, Utah), and James M. Walker (University of Arkansas, Fayetteville).

Snakes. Frank T. Burbrink (College of Staten Island, City University of New York), Jeff Camper (Francis Marion University, Florence, South Carolina), Michael Douglas (Illinois Natural History Survey, Champaign), Harry W. Greene (Cornell University, Ithaca, New York), Toby Hibbits (Texas A&M University, College Station), Robin Lawson (California Academy of Sciences, San Francisco), James R. McCranie (Miami, Florida), Brice P. Noonan (University of Mississippi, University), Christopher L. Parkinson (University of Central Florida, Orlando), Theodora Pinou (Western Connecticut State University, Danbury), R. Alexander Pyron (College of Staten Island, City University of New York), Javier Rodriguez-Robles (University of Nevada, Las Vegas), and Van Wallach (Harvard University, Cambridge, Massachusetts). All changes in scientific names listed in this edition are based on those proposed in print (and received by us) as of 31 December 2008.

Tables 1, 2, and 3 document the number of scientific name changes that have occurred since the publication of the ASIH list (Conant *et al.* 1956), Collins *et al.* (1978), Collins *et al.* (1982), Collins (1990), Collins (1997), Collins and Taggart (2002), and this edition. It would be helpful if copies of future papers proposing taxonomic changes were sent to us. This will greatly facilitate the production of the seventh edition of this list, already in the planning stages.

We wish to thank Suzanne L. Collins for proof-reading the manuscript during the preparation of this edition. In addition, Darrel R. Frost, Kelly J. Irwin, James L. Knight, Walter E. Meshaka, Jr., and Dennis Paulson made helpful suggestions, and all have our sincere thanks. Finally, we are grateful to Touchstone Energy for their generous financial help with this edition, and to Jeffrey E. Hohman, who made that support possible.

TABLE 1. Comparison of the number of genera of native North American herpetofauna (north of Mexico) appearing in this list (2009) with those appearing in Conant *et al.* (1956) and the first five editions of this list (see inside back cover). This table does not include alien genera (see Alien Species, page 37).

Group	1956 List ¹	1978 List	1982 List	1990 List	1997 List	2002 List	2009 List
Salamanders	26	26	26	26	25	24	22
Frogs & Toads	11	17	17	17	16	16	18
Turtles	19	18	19	20	20	22	22
Crocodylians	2	2	2	2	2	2	2
Lizards	22	26	28	27	27	27	26
Worm Lizards	1	1	1	1	1	1	1
Snakes	46	47	47	50	50	50	53
Totals	127	137	140	143	141	142	144

¹does not include non-native genera in the 1956 list.

TABLE 2. Comparison of the number of species of native North American herpetofauna (north of Mexico) appearing in this list (2009) with those appearing in Conant *et al.* (1956) and the first five editions of this list (see the inside back cover). This table does not include alien species (see Alien Species, page 37).

Group	1956 List ¹	1978 List	1982 List	1990 List	1997 List	2002 List	2009 List
Salamanders	88	111	115	135	150	178	187
Frogs & Toads	60	81	82	86	95	97	100
Turtles	41	48	49	51	56	57	58
Crocodylians	2	2	2	2	2	2	2
Lizards	82	91	92	94	105	115	119
Worm Lizards	1	1	1	1	1	1	1
Snakes	115	120	119	127	137	140	154
Totals	389	454	460	496	546	590	621

¹does not include non-native species in the 1956 list.

TABLE 3. Comparison of the number of subspecies of native North American herpetofauna (north of Mexico) appearing in this list (2009) with those appearing in Conant *et al.* (1956) and the first five editions of this list (see the inside back cover). This table does not include alien subspecies (see Alien Species, page 37).

Group	1956 List ¹	1978 List	1982 List	1990 List	1997 List	2002 List	2009 List
Salamanders	114	82	82	68	57	51	47
Frogs & Toads	76	47	47	46	33	29	20
Turtles	67	68	63	62	54	51	46
Crocodylians	0	0	0	0	0	0	0
Lizards	117	143	144	147	124	105	101
Worm Lizards	0	0	0	0	0	0	0
Snakes	265	276	264	255	229	212	185
Totals	639	616	600	578	497	448	399

¹does not include non-native subspecies in the 1956 list.

CLASS AMPHIBIA Gray, 1825 — AMPHIBIANS
ORDER ANURA Fischer von Waldheim, 1813 — FROGS

FAMILY BUFONIDAE GRAY, 1825

ANAXYRUS Tschudi, 1845 — NEARCTIC TOADS

- A. americanus* (Holbrook, 1836)..... American Toad
A. a. americanus (Holbrook, 1836)..... Eastern American Toad
A. a. charlesmithi (Bragg, 1954)..... Dwarf American Toad
A. baxteri (Porter, 1968)..... Wyoming Toad
A. boreas (Baird & Girard, 1852)..... Western Toad
A. b. boreas (Baird & Girard, 1852)..... Boreal Toad
A. b. halophilus (Baird & Girard, 1853)..... California Toad
A. californicus (Camp, 1915)..... Arroyo Toad
A. canorus (Camp, 1916)..... Yosemite Toad
A. cognatus (Say, 1823)..... Great Plains Toad
A. debilis (Girard, 1854)..... Green Toad
A. d. debilis (Girard, 1854)..... Eastern Green Toad
A. d. insidior (Girard, 1854)..... Western Green Toad
A. exsul (Myers, 1942)..... Black Toad
A. fowleri (Hinckley, 1882)..... Fowler's Toad
A. hemiophrys (Cope, 1886)..... Canadian Toad
A. houstonensis (Sanders, 1953)..... Houston Toad
A. microscaphus (Cope, 1866)..... Arizona Toad
A. nelsoni (Stejneger, 1893)..... Amargosa Toad
A. punctatus (Baird & Girard, 1852)..... Red-spotted Toad
A. quercicus (Holbrook, 1840)..... Oak Toad
A. retiformis (Sanders & Smith, 1951)..... Sonoran Green Toad
A. speciosus (Girard, 1854)..... Texas Toad
A. terrestris (Bonnaterre, 1789)..... Southern Toad
A. woodhousii (Girard, 1854)..... Woodhouse's Toad
A. w. australis (Shannon & Lowe, 1955)..... Southwestern Woodhouse's Toad
A. w. velatus (Bragg & Sanders, 1951)..... East Texas Toad
A. w. woodhousii (Girard, 1854)..... Woodhouse's Toad

OLLOTIS Cope, 1875 — MIDDLE AMERICAN TOADS

- O. alvaria* (Girard, 1859)..... Sonoran Desert Toad
O. nebulifer (Girard, 1854)..... Coastal Plain Toad

RHINELLA Fitzinger, 1826 — TROPICAL TOADS

- R. marina* (Linnaeus, 1758)..... Cane Toad

FAMILY CRAUGASTORIDAE
HEDGES, DUELLMAN & HEINICKE, 2008

CRAUGASTOR Cope, 1862 — FLESHBELLY FROGS

- C. augusti* (Dugès, 1879)..... Barking Frog
C. a. cactorum (Taylor, 1938)..... Western Barking Frog
C. a. latrans (Cope, 1880)..... Eastern Barking Frog

FAMILY ELEUTHERODACTYLIDAE LUTZ, 1954

- ELEUTHERODACTYLUS** Duméril & Bibron, 1841 — ROBBER FROGS
E. cystignathoides (Cope, 1877)..... Rio Grande Chirping Frog
E. c. campi (Stejneger, 1915)..... Rio Grande Chirping Frog
E. guttilatus (Cope, 1879) Spotted Chirping Frog
E. marnockii Cope, 1878 Cliff Chirping Frog

FAMILY HYLIDAE RAFINESQUE, 1815

- ACRIS** Duméril & Bibron, 1841 — CRICKET FROGS
A. blanchardi Harper, 1947 Blanchard's Cricket Frog
A. crepitans Baird, 1854 Northern Cricket Frog
A. gryllus (LeConte, 1825) Southern Cricket Frog
A. g. dorsalis (Harlan, 1827) Florida Cricket Frog
A. g. gryllus (LeConte, 1825) Southern Cricket Frog

HYLA Laurenti, 1768 — TREEFROGS

- H. andersonii* Baird, 1854 Pine Barrens Treefrog
H. arenicolor Cope, 1866 Canyon Treefrog
H. avivoca Viosca, 1928 Bird-voiced Treefrog
H. chrysoscelis Cope, 1880 Cope's Gray Treefrog
H. cinerea (Schneider, 1799) Green Treefrog
H. femoralis Bosc, 1800 Pine Woods Treefrog
H. gratiosa LeConte, 1856 Barking Treefrog
H. squirella Bosc, 1800 Squirrel Treefrog
H. versicolor LeConte, 1825 Eastern Gray Treefrog
H. wrightorum Taylor, 1939 Arizona Treefrog

PSEUDACRIS Fitzinger, 1843 — CHORUS FROGS

- P. brachyphona* (Cope, 1889) Mountain Chorus Frog
P. brimleyi Brandt & Walker, 1933 Brimley's Chorus Frog
P. cadaverina (Cope, 1866) California Chorus Frog
P. clarkii (Baird, 1854) Spotted Chorus Frog
P. crucifer (Wied-Neuwied, 1838) Spring Peeper
P. feriarum (Baird, 1854) Upland Chorus Frog
P. fouquettei Moriarty Lemmon, Lemmon,
 Collins & Cannatella, 2008 Cajun Chorus Frog
P. hypochondriaca (Hallowell, 1854) Baja California Chorus Frog
P. kalmi Harper, 1955 New Jersey Chorus Frog
P. maculata (Agassiz, 1850) Boreal Chorus Frog
P. nigrita (LeConte, 1825) Southern Chorus Frog
P. ocularis (Bosc & Daudin, 1801) Little Grass Frog
P. ornata (Holbrook, 1836) Ornate Chorus Frog
P. sierra (Jameson, Mackey & Richmond 1966) Sierra Chorus Frog
P. regilla (Baird & Girard, 1852) Pacific Chorus Frog
P. streckeri Wright & Wright, 1933 Strecker's Chorus Frog
P. triseriata (Wied-Neuwied, 1838) Midland Chorus Frog

SMILISCA Cope, 1865 — MEXICAN TREEFROGS

- S. baudinii* (Duméril & Bibron, 1841).....Mexican Treefrog
S. fodiens Boulenger, 1882..... Northern Casquehead Frog

FAMILY LEIOPELMATIDAE MIVART, 1869

ASCAPHUS Stejneger, 1899 — TAILED FROGS

- A. montanus* Mittleman & Myers, 1949..... Rocky Mountain Tailed Frog
A. truei Stejneger, 1899..... Pacific Tailed Frog

FAMILY LEPTODACTYLIDAE WERNER, 1838

LEPTODACTYLUS Fitzinger, 1826 — TROPICAL FROGS

- L. fragilis* (Brocchi, 1877)..... White-lipped Frog

FAMILY MICROHYLIDAE GUNTHER, 1843

GASTROPHRYNE Fitzinger, 1843 — NARROWMOUTH TOADS

- G. carolinensis* (Holbrook, 1836)..... Eastern Narrowmouth Toad
G. olivacea (Hallowell, 1856).....Great Plains Narrowmouth Toad

HYPOPACHUS Keferstein, 1867 — SHEEP FROGS

- H. variolosus* (Cope, 1866)..... Sheep Frog

FAMILY RANIDAE RAFINESQUE, 1814

LITHOBATES Fitzinger, 1843 — NORTH AMERICAN TRUE FROGS

- L. areolatus* (Baird & Girard, 1852).....Crawfish Frog
L. a. areolatus (Baird & Girard, 1852)..... Southern Crawfish Frog
L. a. circulosus (Rice & Davies, 1878)..... Northern Crawfish Frog
L. berlandieri (Baird, 1859)..... Rio Grande Leopard Frog
L. blairi (Mecham, Littlejohn,
 Oldham, Brown & Brown, 1973)..... Plains Leopard Frog
L. capito (LeConte, 1855)..... Carolina Gopher Frog
L. catesbeianus (Shaw, 1802)..... Bullfrog
L. chiricahuensis (Platz & Mecham, 1979)..... Chiricahua Leopard Frog
L. clamitans (Latreille, 1801)..... Bronze Frog
L. c. clamitans (Latreille, 1801).....Bronze Frog
L. c. melanotus (Rafinesque, 1820).....Green Frog
L. grylio (Stejneger, 1901).....Pig Frog
L. heckscheri (Wright, 1924)..... River Frog
L. okaloosae (Moler, 1985).....Florida Bog Frog
L. onca (Cope, 1875)..... Relict Leopard Frog
L. palustris (LeConte, 1825)..... Pickerel Frog
L. pipiens (Schreber, 1782)..... Northern Leopard Frog
L. septentrionalis (Baird, 1854)..... Mink Frog
L. sevosus (Goin & Netting, 1940)..... Dusky Gopher Frog
L. sphenocephalus (Cope, 1886)..... Florida Leopard Frog

- L. s. sphenocephalus* (Cope, 1886)..... Florida Leopard Frog
L. s. utricularius (Harlan, 1825).....Southern Leopard Frog
L. sylvaticus (LeConte, 1825).....Wood Frog
L. tarahumarae (Boulenger, 1917)..... Tarahumara Frog
L. virgatipes (Cope, 1891)..... Carpenter Frog
L. yavapaiensis (Platz & Frost, 1984) Lowland Leopard Frog

RANA Linnaeus, 1758 — PACIFIC TRUE FROGS

- R. aurora* Baird & Girard, 1852 Northern Red-legged Frog
R. boylei Baird, 1854..... Foothill Yellow-legged Frog
R. cascadae Slater, 1939..... Cascades Frog
R. draytonii Baird & Girard, 1852..... California Red-legged Frog
R. luteiventris Thompson, 1913..... Columbia Spotted Frog
R. muscosa Camp, 1917Sierra Madre Yellow-legged Frog
R. pretiosa Baird & Girard, 1853Oregon Spotted Frog
R. sierrae Camp, 1917..... Sierra Nevada Yellow-legged Frog

FAMILY RHINOPHRYNIDAE GUNTHER, 1858

RHINOPHRYNUS Duméril & Bibron 1841 — BURROWING TOAD

- R. dorsalis* Duméril & Bibron, 1841 Mexican Burrowing Toad

FAMILY SCAPHIOPODIDAE COPE, 1865

SCAPHIOPUS Holbrook, 1836 — SOUTHERN SPADEFOOTS

- S. couchii* Baird, 1854 Couch's Spadefoot
S. holbrookii (Harlan, 1835)..... Eastern Spadefoot
S. hurterii Strecker, 1910..... Hurter's Spadefoot

SPEA Cope, 1866 — WESTERN SPADEFOOTS

- S. bombifrons* (Cope, 1863).....Plains Spadefoot
S. hammondii (Baird, 1859)..... Western Spadefoot
S. intermontana (Cope, 1883) Great Basin Spadefoot
S. multiplicata (Cope, 1863).....New Mexico Spadefoot



ORDER CAUDATA Scopoli, 1777 — SALAMANDERS

FAMILY AMBYSTOMATIDAE GRAY, 1850

AMBYSTOMA Tschudi, 1838 — MOLE SALAMANDERS

- A. annulatum* Cope, 1886 Ringed Salamander
A. barbouri Kraus & Petranka, 1989 Streamside Salamander
A. bishopi Goin, 1950 Reticulated Flatwoods Salamander
A. californiense Gray, 1853 California Tiger Salamander
A. cingulatum Cope, 1867 Frosted Flatwoods Salamander
A. gracile (Baird, 1857) Northwestern Salamander
A. jeffersonianum (Green, 1827) Jefferson Salamander
A. laterale Hallowell, 1856 Blue-spotted Salamander
A. mabeei Bishop, 1928 Mabee's Salamander
A. macrodactylum Baird, 1849 Long-toed Salamander
A. m. columbianum Ferguson, 1961 Eastern Long-toed Salamander
A. m. croceum Russell & Anderson, 1956 Santa Cruz Long-toed Salamander
A. m. krausei Peters, 1882 Northern Long-toed Salamander
A. m. macrodactylum Baird, 1849 Western Long-toed Salamander
A. m. sigillatum Ferguson, 1961 Southern Long-toed Salamander
A. maculatum (Shaw, 1802) Spotted Salamander
A. mavortium Baird, 1850 Barred Tiger Salamander
A. m. diaboli Dunn, 1940 Gray Tiger Salamander
A. m. mavortium Baird, 1850 Barred Tiger Salamander
A. m. melanostictum (Baird, 1860) Blotched Tiger Salamander
A. m. nebulosum Hallowell, 1852 Arizona Tiger Salamander
A. m. stebbinsi Lowe, 1954 Sonoran Tiger Salamander
A. opacum (Gravenhorst, 1807) Marbled Salamander
A. talpoideum (Holbrook, 1838) Mole Salamander
A. texanum (Matthes, 1855) Smallmouth Salamander
A. tigrinum (Green, 1825) Eastern Tiger Salamander

DICAMPTODON Strauch, 1870 — GIANT SALAMANDERS

- D. aterrimus* (Cope, 1867) Idaho Giant Salamander
D. copei Nussbaum, 1970 Cope's Giant Salamander
D. ensatus (Eschscholtz, 1833) California Giant Salamander
D. tenebrosus (Baird & Girard, 1852) Pacific Giant Salamander

FAMILY AMPHIUMIDAE GRAY, 1825

AMPHIUMA Garden, 1821 — AMPHIUMAS

- A. means* Garden, 1821 Two-toed Amphiuma
A. pholeter Neill, 1964 One-toed Amphiuma
A. tridactylum Cuvier, 1827 Three-toed Amphiuma

FAMILY CRYPTOBRANCHIDAE FITZINGER, 1825

CRYPTOBRANCHUS Leuckart, 1821 — HELLBENDER

- C. alleganiensis* (Daudin, 1803) Hellbender
C. a. alleganiensis (Daudin, 1803) Eastern Hellbender
C. a. bishopi Grobman, 1943 Ozark Hellbender

FAMILY PLETHODONTIDAE GRAY, 1850

ANEIDES Baird, 1849 — CLIMBING SALAMANDERS

- A. aeneus* (Cope & Packard, 1881) Green Salamander
A. ferreus Cope, 1869 Clouded Salamander
A. flavipunctatus (Strauch, 1870) Speckled Black Salamander
A. hardii (Taylor, 1941) Sacramento Mountain Salamander
A. lugubris (Hallowell, 1849) Arboreal Salamander
A. niger Myers & Maslin, 1948 Santa Cruz Black Salamander
A. vagrans (Wake & Jackman, 1999) Wandering Salamander

BATRACHOSEPS Bonaparte, 1841 — SLENDER SALAMANDERS

- B. attenuatus* (Eschscholtz, 1833) California Slender Salamander
B. campi Marlow, Brode & Wake, 1979 Inyo Mountains Salamander
B. diabolicus Jockusch, Wake & Yanev 1998 Hell Hollow Slender Salamander
B. gabrieli Wake, 1996 San Gabriel Slender Salamander
B. gabilanensis Jockusch, Yanev & Wake 2001 Gabilan Mountains Slender Salamander
B. gregarius Jockusch, Wake & Yanev 1998 Gregarious Slender Salamander
B. incognitus Jockusch, Yanev & Wake 2001 San Simeon Slender Salamander
B. kawia Jockusch, Wake & Yanev 1998 Sequoia Slender Salamander
B. luciae Jockusch, Yanev & Wake 2001 Santa Lucia Slender Salamander
B. major Camp, 1915 Garden Slender Salamander
B. minor Jockusch, Yanev & Wake 2001 Lesser Slender Salamander
B. nigriventris Cope, 1869 Blackbelly Slender Salamander
B. pacificus (Cope, 1865) Channel Islands Slender Salamander
B. regius Jockusch, Wake & Yanev 1998 Kings River Slender Salamander
B. relictus Brame & Murray, 1968 Relictual Slender Salamander
B. robustus Wake, Yanev & Hansen, 2002 Kern Plateau Salamander
B. simatus Brame & Murray, 1968 Kern Canyon Slender Salamander
B. stebbinsi Brame & Murray, 1968 Tehachapi Slender Salamander
B. wrightorum (Bishop, 1937) Oregon Slender Salamander

DESMOGNATHUS Baird, 1850 — DUSKY SALAMANDERS

- D. abditus* Anderson & Tilley, 2003 Cumberland Dusky Salamander
D. aeneus Brown & Bishop, 1947 Seepage Salamander
D. apalachicola Means & Karlin, 1989 Apalachicola Dusky Salamander
D. auriculatus (Holbrook, 1838) Southern Dusky Salamander
D. brimleyorum Stejneger, 1894 Ouachita Dusky Salamander
D. carolinensis (Dunn, 1916) Carolina Dusky Salamander
D. conanti Rossman, 1958 Spotted Dusky Salamander
D. folkertsi Camp, Tilley, Austin & Marshall, 2002 Dwarf Blackbelly Salamander

<i>D. fuscus</i> (Rafinesque, 1820).....	Northern Dusky Salamander
<i>D. imitator</i> Dunn, 1927	Imitator Salamander
<i>D. marmoratus</i> (Moore, 1899)	Shovelnose Salamander
<i>D. monticola</i> Dunn, 1916	Seal Salamander
<i>D. ochrophaeus</i> Cope, 1859	Allegheny Dusky Salamander
<i>D. ocoee</i> Nicholls, 1949	Ocoee Salamander
<i>D. orestes</i> Tilley & Mahoney, 1996.....	Blue Ridge Dusky Salamander
<i>D. quadramaculatus</i> (Holbrook, 1840).....	Common Blackbelly Salamander
<i>D. santeetlah</i> Tilley, 1981.....	Santeetlah Dusky Salamander
<i>D. welteri</i> Barbour, 1950	Black Mountain Salamander
<i>D. wrighti</i> King, 1936.....	Pigmy Salamander

ENSATINA Gray, 1850 — ENSATINAS

<i>E. eschscholtzii</i> Gray, 1850.....	Common Ensatina
<i>E. e. croceater</i> (Cope, 1867).....	Yellow-blotched Ensatina
<i>E. e. eschscholtzii</i> Gray, 1850.....	Monterey Ensatina
<i>E. e. oregonensis</i> (Girard, 1856).....	Oregon Ensatina
<i>E. e. picta</i> Wood, 1940.....	Painted Ensatina
<i>E. e. platensis</i> (Espada, 1875).....	Sierra Nevada Ensatina
<i>E. e. xanthoptica</i> Stebbins, 1949	Yellow-eyed Ensatina
<i>E. klauberi</i> Dunn, 1929	Large-blotched Ensatina

EURYCEA Rafinesque, 1822 — BROOK SALAMANDERS

<i>E. aquatica</i> Rose & Bush, 1963	Brownback Salamander
<i>E. bislineata</i> (Green, 1818)	Northern Two-lined Salamander
<i>E. chamberlaini</i> Harrison & Guttman, 2003.....	Chamberlain's Dwarf Salamander
<i>E. chisholmensis</i> Chippindale, Price, Wiens & Hillis, 2000.....	Chisholm Trail Salamander
<i>E. cirrigera</i> (Green, 1830).....	Southern Two-lined Salamander
<i>E. guttolineata</i> (Holbrook, 1838)	Three-lined Salamander
<i>E. junaluska</i> Sever, Dundee & Sullivan, 1976	Junaluska Salamander
<i>E. latitans</i> Smith & Potter, 1946.....	Cascade Caverns Salamander
<i>E. longicauda</i> (Green, 1818)	Longtail Salamander
<i>E. l. longicauda</i> (Green, 1818)	Longtail Salamander
<i>E. l. melanopleura</i> (Cope, 1893)	Dark-sided Salamander
<i>E. lucifuga</i> Rafinesque, 1822.....	Cave Salamander
<i>E. multiplicata</i> (Cope, 1869)	Many-ribbed Salamander
<i>E. nana</i> Bishop, 1941	San Marcos Salamander
<i>E. naufragia</i> Chippindale, Price, Wiens & Hillis, 2000.....	San Gabriel Springs Salamander
<i>E. neotenes</i> Bishop & Wright, 1937	Texas Salamander
<i>E. pterophila</i> Burger, Smith & Potter, 1950	Fern Bank Salamander
<i>E. quadridigitata</i> (Holbrook, 1842).....	Coastal Plain Dwarf Salamander
<i>E. rathbuni</i> (Stejneger, 1896)	Texas Blind Salamander
<i>E. robusta</i> (Longley, 1978).....	Blanco Blind Salamander
<i>E. sosorum</i> Chippindale, Price & Hillis, 1993	Barton Springs Salamander

- E. spelaea* (Stejneger, 1892)..... Grotto Salamander
E. tonkawae Chippindale, Price,
 Wiens & Hillis, 2000..... Jollyville Plateau Salamander
E. tridentifera Mitchell & Reddell, 1965 Comal Blind Salamander
E. troglodytes Baker, 1957 Valdina Farms Salamander
E. tynerensis Moore & Hughes, 1939..... Oklahoma Salamander
E. wallacei (Carr, 1939)..... Georgia Blind Salamander
E. waterlooensis Hillis, Chamberlain,
 Wilcox, & Chippindale, 2001..... Austin Blind Salamander
E. wilderae Dunn, 1920..... Blue Ridge Two-lined Salamander

GYRINOPHILUS Cope, 1869 — SPRING SALAMANDERS

- G. gulolineatus* Brandon, 1965..... Berry Cave Salamander
G. pallucus McCrady, 1954..... Tennessee Cave Salamander
G. p. necturoides Lazell & Brandon, 1962..... Big Mouth Cave Salamander
G. p. pallucus McCrady, 1954..... Pale Salamander
G. porphyriticus (Green, 1827) Spring Salamander
G. p. danielsi (Blatchley, 1900)..... Blue Ridge Spring Salamander
G. p. dunni Mittleman & Jopson, 1941 Carolina Spring Salamander
G. p. duryi (Weller, 1930)..... Kentucky Spring Salamander
G. p. porphyriticus (Green, 1827) Northern Spring Salamander
G. subterraneus
 Besharse & Holsinger, 1977..... West Virginia Spring Salamander

HEMIDACTYLIUM Tschudi, 1838 — FOUR-TOED SALAMANDER

- H. scutatatum* (Schlegel, 1838) Four-toed Salamander

HYDROMANTES Gistel, 1848 — WEB-TOED SALAMANDERS

- H. brunus* Gorman, 1954..... Limestone Salamander
H. platycephalus (Camp, 1916)..... Mount Lyell Salamander
H. shastae Gorman & Camp, 1953 Shasta Salamander

PHAEOGNATHUS Highton, 1961 — RED HILLS SALAMANDER

- P. hubrichti* Highton, 1961 Red Hills Salamander

PLETHODON Tschudi, 1838 — WOODLAND SALAMANDERS

- P. ainsworthi* Lazell, 1998..... Bay Springs Salamander
P. albagula Grobman, 1944..... Western Slimy Salamander
P. amplus Highton &
 Peabody, 1998 Blue Ridge Graycheek Salamander
P. angusticlavius Grobman, 1944..... Ozark Zigzag Salamander
P. asupak Mead, Clayton, Nauman,
 Olson & Pfrender, 2005..... Scott Bar Salamander
P. aureolus Highton, 1983 Tellico Salamander
P. caddoensis Pope & Pope, 1951 Caddo Mountain Salamander
P. chatahoochee Highton, 1989..... Chatahoochee Slimy Salamander
P. cheoah Highton & Peabody, 2000..... Cheoah Bald Salamander
P. chlorobryonis Mittleman, 1951 Atlantic Coast Slimy Salamander
P. cinereus (Green, 1818) Northern Redback Salamander
P. cylindraceus (Harlan, 1825)..... White-spotted Slimy Salamander

- P. dorsalis* Cope, 1889 Northern Zigzag Salamander
P. dunnii Bishop, 1934 Dunn's Salamander
P. electromorphus Highton, 1999 Northern Ravine Salamander
P. elongatus Van Denburgh, 1916 Del Norte Salamander
P. fourchensis
 Duncan & Highton, 1979 Fourche Mountain Salamander
P. glutinosus (Green, 1818) Northern Slimy Salamander
P. grobmani Allen & Neill, 1949 Southeastern Slimy Salamander
P. hoffmani Highton, 1971 Valley & Ridge Salamander
P. hubrichti Thurow, 1957 Peaks of Otter Salamander
P. idahoensis Slater & Slipp, 1940 Coeur d'Alene Salamander
P. jordani Blatchley, 1900 Jordan's Redcheek Salamander
P. kentucki Mittleman, 1951 Cumberland Plateau Salamander
P. kiamichi Highton, 1989 Kiamichi Slimy Salamander
P. kisatchie Highton, 1989 Louisiana Slimy Salamander
P. larselli Burns, 1954 Larch Mountain Salamander
P. meridianus
 Highton & Peabody, 2000 ... South Mountain Graycheek Salamander
P. metcalfi Brimley, 1912 Southern Graycheek Salamander
P. mississippi Highton, 1989 Mississippi Slimy Salamander
P. montanus
 Highton & Peabody, 2000 Northern Graycheek Salamander
P. neomexicanus
 Stebbins & Riemer, 1950 Jemez Mountains Salamander
P. nettingi Green, 1938 Cheat Mountain Salamander
P. ocmulgee Highton, 1989 Ocmulgee Slimy Salamander
P. ouachitae Dunn & Heinze, 1933 Rich Mountain Salamander
P. petraeus
 Wynn, Highton & Jacobs, 1988 Pigeon Mountain Salamander
P. punctatus Highton, 1971 White-spotted Salamander
P. richmondi Netting & Mittleman, 1938 Southern Ravine Salamander
P. savannah Highton, 1989 Savannah Slimy Salamander
P. sequoyah Highton, 1989 Sequoyah Slimy Salamander
P. serratus Grobman, 1944 Southern Redback Salamander
P. shenandoah
 Highton & Worthington, 1967 Shenandoah Salamander
P. sherando Highton, 2004 Big Levels Salamander
P. shermani Stejneger, 1906 Red-legged Salamander
P. stormi Highton & Brame, 1965 Siskiyou Mountains Salamander
P. teyahalee Hairston, 1950 Southern Appalachian Salamander
P. vandykei Van Denburgh, 1906 Van Dyke's Salamander
P. variolatus (Gilliams, 1818) South Carolina Slimy Salamander
P. vehiculum (Cooper, 1860) Western Redback Salamander
P. ventralis Highton, 1997 Southern Zigzag Salamander
P. virginia Highton, 1999 Shenandoah Mountain Salamander
P. websteri Highton, 1979 Webster's Salamander
P. wehrlei Fowler & Dunn, 1917 Wehrle's Salamander
P. welleri Walker, 1931 Weller's Salamander
P. yonahlossee Dunn, 1917 Yonahlossee Salamander

PSEUDOTRITON Tschudi, 1838 — RED & MUD SALAMANDERS

- P. diastictus* Bishop, 1941..... Midland Mud Salamander
P. montanus Baird, 1849..... Eastern Mud Salamander
P. m. flavissimus Hallowell, 1856..... Gulf Coast Mud Salamander
P. m. floridanus Netting & Goin, 1942..... Rusty Mud Salamander
P. m. montanus Baird, 1849..... Eastern Mud Salamander
P. ruber (Latreille, 1801)..... Red Salamander
P. r. nitidus Dunn, 1920..... Blue Ridge Red Salamander
P. r. ruber (Latreille, 1801)..... Northern Red Salamander
P. r. schencki (Brimley, 1912)..... Blackchin Red Salamander
P. r. vioscai Bishop, 1928..... Southern Red Salamander

STEREOCHILUS Cope, 1869 — MANY-LINED SALAMANDER

- S. marginatus* (Hallowell, 1856)..... Many-lined Salamander

FAMILY PROTEIDAE GRAY, 1825

NECTURUS Rafinesque, 1819 — WATERDOGS & MUDPUPPIES

- N. alabamensis* Viosca, 1937..... Black Warrior Waterdog
N. beyeri Viosca, 1937..... Gulf Coast Waterdog
N. lewisi Brimley, 1924..... Neuse River Waterdog
N. louisianensis Viosca, 1938..... Red River Mudpuppy
N. maculosus (Rafinesque, 1818)..... Common Mudpuppy
N. punctatus (Gibbes, 1850)..... Dwarf Waterdog

FAMILY RHYACOTRITONIDAE THEN, 1958

RHYACOTRITON Dunn, 1920 — TORRENT SALAMANDERS

- R. cascadae* Good & Wake, 1992..... Cascades Torrent Salamander
R. kezeri Good & Wake, 1992..... Columbia Torrent Salamander
R. olympicus (Gauge, 1917)..... Olympic Torrent Salamander
R. variegatus Stebbins & Lowe, 1951..... Southern Torrent Salamander

FAMILY SALAMANDRIDAE GOLDFUSS, 1820

NOTOPHTHALMUS Rafinesque, 1820 — EASTERN NEWTS

- N. meridionalis* (Cope, 1880)..... Black-spotted Newt
N. m. meridionalis (Cope, 1880)..... Texas Black-spotted Newt
N. perstriatus (Bishop, 1941)..... Striped Newt
N. viridescens (Rafinesque, 1820)..... Eastern Newt
N. v. dorsalis (Harlan, 1828)..... Broken-striped Newt
N. v. louisianensis (Wolterstorff, 1914)..... Central Newt
N. v. piaropicola (Schwartz & Duellman, 1952)..... Peninsula Newt
N. v. viridescens (Rafinesque, 1820)..... Red-spotted Newt

TARICHA Gray, 1850 — PACIFIC NEWTS

- T. granulosa* (Skilton, 1849)..... Roughskin Newt
T. g. granulosa (Skilton, 1849)..... Northern Roughskin Newt
T. g. mazamae (Myers, 1942)..... Crater Lake Newt

<i>T. rivularis</i> (Twitty, 1935).....	Redbelly Newt
<i>T. sierrae</i> (Twitty, 1942).....	Sierra Newt
<i>T. torosa</i> (Rathke, 1833).....	California Newt

FAMILY SIRENIDAE GRAY, 1825

PSEUDOBRANCHUS Gray, 1825 — DWARF SIRENS

<i>P. axanthus</i> Netting & Goin, 1942.....	Southern Dwarf Siren
<i>P. a. axanthus</i> Netting & Goin, 1942.....	Narrow-striped Dwarf Siren
<i>P. a. belli</i> Schwartz, 1952.....	Everglades Dwarf Siren
<i>P. striatus</i> (LeConte, 1824).....	Northern Dwarf Siren
<i>P. s. lustricolus</i> Neill, 1951.....	Gulf Hammock Dwarf Siren
<i>P. s. spheniscus</i> Goin & Crenshaw, 1949.....	Slender Dwarf Siren
<i>P. s. striatus</i> (LeConte, 1824).....	Broad-striped Dwarf Siren

SIREN Linnaeus, 1766 — SIRENS

<i>S. intermedia</i> Barnes, 1826.....	Lesser Siren
<i>S. i. intermedia</i> Barnes, 1826.....	Eastern Lesser Siren
<i>S. i. nettingi</i> Goin, 1942.....	Western Lesser Siren
<i>S. lacertina</i> Linnaeus, 1766.....	Greater Siren



CLASS CHELONIA Macartney (in Ross), 1802 — TURTLES
ORDER CRYPTODIRA Cope, 1868 — STRAIGHTNECK TURTLES

FAMILY CHELONIIDAE OPPEL, 1811

CARETTA Rafinesque, 1814 — LOGGERHEAD
C. caretta (Linnaeus, 1758)..... Loggerhead

CHELONIA Brongniart, 1800 — GREEN TURTLE
C. mydas (Linnaeus, 1758)..... Green Turtle

ERETMOCHELYS Fitzinger, 1843 — HAWKSBILL
E. imbricata (Linnaeus, 1766)..... Hawksbill
E. i. bissa (Rüppell, 1835).....Pacific Hawksbill
E. i. imbricata (Linnaeus, 1766).....Atlantic Hawksbill

LEPIDOCHELYS Fitzinger, 1843 — RIDLEYS
L. kempii (Garman, 1880)..... Atlantic Ridley
L. olivacea (Eschscholtz, 1829)..... Pacific Ridley

FAMILY CHELYDRIDAE GRAY, 1870

CHELYDRA Schweigger, 1812 — SNAPPING TURTLES
C. serpentina (Linnaeus, 1758)..... Common Snapping Turtle

MACROCHELYS Gray, 1855 — ALLIGATOR SNAPPING TURTLE
M. temminckii (Harlan, 1835)..... Alligator Snapping Turtle

FAMILY DERMOCHELYIDAE FITZINGER, 1843

DERMOCHELYS Blainville, 1816 — LEATHERBACK
D. coriacea (Vandelli, 1761)..... Leatherback

FAMILY EMYDIDAE GRAY, 1825

ACTINEMYS Agassiz, 1857— POND TURTLE
A. marmorata (Baird & Girard, 1852)..... Western Pond Turtle
A. m. marmorata (Baird & Girard, 1852)..... Northwestern Pond Turtle
A. m. pallida (Seeliger, 1945)..... Southwestern Pond Turtle

CHRYSEMYS Gray, 1844 — PAINTED TURTLES
C. dorsalis Agassiz, 1857.....Southern Painted Turtle
C. picta (Schneider, 1783).....Northern Painted Turtle

CLEMMYS Ritgen, 1828 — SPOTTED TURTLE
C. guttata (Schneider, 1792).....Spotted Turtle

DEIROCHELYS Agassiz, 1857 — CHICKEN TURTLE
D. reticularia (Latreille, 1801).....Chicken Turtle
D. r. chrysea Schwartz, 1956..... Florida Chicken Turtle
D. r. miaria Schwartz, 1956..... Western Chicken Turtle
D. r. reticularia (Latreille, 1801)..... Eastern Chicken Turtle

EMYDOIDEA Gray, 1870 — **BLANDING'S TURTLE**

E. blandingii (Holbrook, 1838) Blanding's Turtle

GLYPTEMYS Agassiz, 1857 — **BOG & WOOD TURTLES**

G. insculpta (LeConte, 1829) Wood Turtle

G. muhlenbergii (Schoepff, 1801) Bog Turtle

GRAPTEMYS Agassiz, 1857 — **MAP TURTLES**

G. barbouri Carr & Marchand, 1942 Barbour's Map Turtle

G. caglei Haynes & McKown, 1974 Cagle's Map Turtle

G. ernsti Lovich & McCoy, 1992 Escambia Map Turtle

G. flavimaculata Cagle, 1954 Yellow-blotched Map Turtle

G. geographica (LeSueur, 1817) Common Map Turtle

G. gibbonsi Lovich & McCoy, 1992 Pascagoula Map Turtle

G. nigrinoda Cagle, 1954 Black-knobbed Map Turtle

G. n. delticola Folkerts & Mount, 1969 Delta Map Turtle

G. n. nigrinoda Cagle, 1954 Black-knobbed Map Turtle

G. oculifera (Baur, 1890) Ringed Map Turtle

G. ouachitensis Cagle, 1953 Ouachita Map Turtle

G. o. ouachitensis Cagle, 1953 Ouachita Map Turtle

G. o. sabinensis Cagle, 1953 Sabine Map Turtle

G. pseudogeographica (Gray, 1831) False Map Turtle

G. p. kohnii (Baur, 1890) Mississippi Map Turtle

G. p. pseudogeographica (Gray, 1831) False Map Turtle

G. pulchra Baur, 1893 Alabama Map Turtle

G. versa Stejneger, 1925 Texas Map Turtle

MALACLEMYS Gray, 1844 — **DIAMONDBACK TERRAPIN**

M. terrapin (Schoepff, 1793) Diamondback Terrapin

M. t. centrata (Latreille, 1802) Carolina Diamondback Terrapin

M. t. littoralis (Hay, 1904) Texas Diamondback Terrapin

M. t. macrospilota (Hay, 1904) Ornate Diamondback Terrapin

M. t. pileata (Wied, 1865) Mississippi Diamondback Terrapin

M. t. rhizophorarum Fowler, 1906 Mangrove Diamondback Terrapin

M. t. tequesta Schwartz, 1955 Florida East Coast Terrapin

M. t. terrapin (Schoepff, 1793) Northern Diamondback Terrapin

PSEUDEMYS Gray, 1855 — **REDBELLY TURTLES & COOTERS**

P. alabamensis Baur, 1893 Alabama Redbelly Turtle

P. concinna (LeConte, 1830) Eastern River Cooter

P. floridana (LeConte, 1830) Florida Cooter

P. gorzugi Ward, 1984 Western River Cooter

P. nelsoni Carr, 1938 Florida Redbelly Turtle

P. peninsularis Carr, 1938 Peninsula Cooter

P. rubriventris (LeConte, 1830) Eastern Redbelly Turtle

P. suwanniensis Carr, 1937 Suwannee River Cooter

P. texana Baur, 1893 Texas River Cooter

TERRAPENE Merrem, 1820 — BOX TURTLES

- T. carolina* (Linnaeus, 1758) Eastern Box Turtle
T. c. bauri Taylor, 1894..... Florida Box Turtle
T. c. carolina (Linnaeus, 1758)..... Eastern Box Turtle
T. c. major (Agassiz, 1857)..... Gulf Coast Box Turtle
T. c. triunguis (Agassiz, 1857)..... Three-toed Box Turtle
T. ornata (Agassiz, 1857) Ornate Box Turtle
T. o. luteola Smith & Ramsey, 1952..... Desert Box Turtle
T. o. ornata (Agassiz, 1857) Ornate Box Turtle

TRACHEMYS Agassiz, 1857 — SLIDERS

- T. gaigeae* (Hartweg, 1939) Big Bend Slider
T. g. gaigeae (Hartweg, 1939) Big Bend Slider
T. scripta (Schoepff, 1792) Slider
T. s. elegans (Wied, 1838) Red-eared Slider
T. s. scripta (Schoepff, 1792) Yellowbelly Slider
T. s. troostii (Holbrook, 1836) Cumberland Slider

FAMILY KINOSTERNIDAE AGASSIZ, 1857

KINOSTERNON Spix, 1824 — MUD TURTLES

- K. arizonense* Gilmore, 1922.....Southwestern Mud Turtle
K. baurii (Garman, 1891) Striped Mud Turtle
K. flavescens (Agassiz, 1857)..... Yellow Mud Turtle
K. hirtipes (Wagler, 1830) Mexican Mud Turtle
K. h. murrayi Glass & Hartweg, 1951.....Big Bend Mud Turtle
K. sonoriense LeConte, 1854 Sonoran Mud Turtle
K. s. longifemorale Iverson, 1981.....Sonoyta Mud Turtle
K. s. sonoriense LeConte, 1854..... Sonoran Mud Turtle
K. subrubrum (Lacépède, 1788)..... Eastern Mud Turtle
K. s. hippocrepis Gray, 1855.....Mississippi Mud Turtle
K. s. steindachneri (Siebenrock, 1906)..... Florida Mud Turtle
K. s. subrubrum (Lacépède, 1788) Eastern Mud Turtle

STERNOTHERUS Gray, 1825 — MUSK TURTLES

- S. carinatus* (Gray, 1855).....Razorback Musk Turtle
S. depressus Tinkle & Webb, 1955 Flattened Musk Turtle
S. minor (Agassiz, 1857)Loggerhead Musk Turtle
S. m. minor (Agassiz, 1857) Loggerhead Musk Turtle
S. m. peltifer Smith & Glass, 1947 Stripeneck Musk Turtle
S. odoratus (Latreille, 1802)..... Common Musk Turtle

FAMILY TESTUDINIDAE GRAY, 1825

GOPHERUS Rafinesque, 1832 — GOPHER TORTOISES

- G. agassizii* (Cooper, 1863)..... Desert Tortoise
G. berlandieri (Agassiz, 1857)..... Texas Tortoise
G. polyphemus (Daudin, 1802).....Gopher Tortoise

FAMILY TRIONYCHIDAE BELL, 1828

APALONE Rafinesque, 1832 — NORTH AMERICAN SOFTSHELLS

<i>A. ferox</i> (Schneider, 1783)	Florida Softshell
<i>A. mutica</i> (LeSueur, 1827)	Smooth Softshell
<i>A. m. calvata</i> (Webb, 1959)	Gulf Coast Smooth Softshell
<i>A. m. mutica</i> (LeSueur, 1827)	Midland Smooth Softshell
<i>A. spinifera</i> (LeSueur, 1827)	Spiny Softshell
<i>A. s. asper</i> (Agassiz, 1857)	Gulf Coast Spiny Softshell
<i>A. s. emoryi</i> (Agassiz, 1857)	Texas Spiny Softshell
<i>A. s. guadalupensis</i> (Webb, 1962)	Guadalupe Spiny Softshell
<i>A. s. hartwegi</i> (Conant & Goin, 1941)	Western Spiny Softshell
<i>A. s. pallida</i> (Webb, 1962)	Pallid Spiny Softshell
<i>A. s. spinifera</i> (LeSueur, 1827)	Eastern Spiny Softshell



CLASS EUSUCHIA Huxley, 1875 — CROCODYLIANS
 ORDER CROCODYLIA Wermuth, 1953 — CROCODYLIANS

FAMILY ALLIGATORIDAE CUVIER, 1807

ALLIGATOR Cuvier, 1807 — ALLIGATORS

<i>Alligator mississippiensis</i> (Daudin, 1803)	American Alligator
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FAMILY CROCODYLIDAE HAY, 1902

CROCODYLUS Laurenti, 1768 — CROCODILES

<i>Crocodylus acutus</i> (Cuvier, 1807)	American Crocodile
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CLASS REPTILIA Laurenti, 1768 — REPTILES
ORDER SQUAMATA Opperl, 1811

AMPHISBAENIANS

FAMILY RHINEURIDAE VANZOLINI, 1951

RHINEURA Cope, 1861 — FLORIDA WORM LIZARD

R. floridana (Baird, 1858) Florida Worm Lizard

LIZARDS

FAMILY ANGUIDAE GRAY, 1825

ELGARIA Gray, 1838 — WESTERN ALLIGATOR LIZARDS

E. coerulea (Wiegmann, 1828)..... Northern Alligator Lizard
E. c. coerulea (Wiegmann, 1828)..... San Francisco Alligator Lizard
E. c. palmeri (Stejneger, 1893)..... Sierra Alligator Lizard
E. c. principis Baird & Girard, 1852 Northern Alligator Lizard
E. c. shastensis (Fitch, 1934)..... Shasta Alligator Lizard
E. kingii Gray, 1838..... Madrean Alligator Lizard
E. k. nobilis Baird & Girard, 1852..... Arizona Alligator Lizard
E. multicaarinata (Blainville, 1835) Southern Alligator Lizard
E. m. multicaarinata (Blainville, 1835)..... California Alligator Lizard
E. m. scincicauda (Skilton, 1849)..... Oregon Alligator Lizard
E. m. webbia (Baird, 1858)..... San Diego Alligator Lizard
E. panamintina (Stebbins, 1958)..... Panamint Alligator Lizard

GERRHONOTUS Wiegmann, 1828 — EASTERN ALLIGATOR LIZARDS

G. infernalis Baird, 1858 Texas Alligator Lizard

OPHISAURUS Daudin, 1803 — GLASS LIZARDS

O. attenuatus Cope, 1880 Slender Glass Lizard
O. a. attenuatus Cope, 1880 Western Slender Glass Lizard
O. a. longicaudus McConkey, 1952 Eastern Slender Glass Lizard
O. compressus Cope, 1898 Island Glass Lizard
O. mimicus Palmer, 1987..... Mimic Glass Lizard
O. ventralis (Linnaeus, 1766)..... Eastern Glass Lizard

FAMILY ANNIELLIDAE BOULENGER, 1885

ANNIELLA Gray, 1852 — LEGLESS LIZARD

A. pulchra Gray, 1852..... California Legless Lizard
A. p. nigra Fischer, 1885 Black Legless Lizard
A. p. pulchra Gray, 1852..... Silvery Legless Lizard

FAMILY CROTAPHYTIDAE SMITH & BRODIE, 1982

CROTAPHYTUS Holbrook, 1842 — COLLARED LIZARDS

C. bicinctores Smith & Tanner, 1972 Mojave Black-collared Lizard
C. collaris (Say, 1823)..... Eastern Collared Lizard

- C. nebrius* Axtell & Montanucci, 1977 Sonoran Collared Lizard
C. reticulatus Baird, 1858..... Reticulate Collared Lizard
C. vestigium Smith & Tanner, 1972..... Baja Black-collared Lizard

GAMBELIA Baird, 1858 — LEOPARD LIZARDS

- G. copeii* (Yarrow, 1882)Cope's Leopard Lizard
G. sila (Stejneger, 1890).....Bluntnose Leopard Lizard
G. wislizenii (Baird & Girard, 1852) Longnose Leopard Lizard

FAMILY GEKKONIDAE GRAY, 1825

COLEONYX Gray, 1845 — BANDED GECKOS

- C. brevis* Stejneger, 1893Texas Banded Gecko
C. reticulatus Davis & Dixon, 1958 Reticulated Gecko
C. switaki (Murphy, 1974)..... Barefoot Gecko
C. s. switaki (Murphy, 1974)Peninsular Barefoot Gecko
C. variegatus (Baird, 1858)..... Western Banded Gecko
C. v. abbotti Klauber, 1945 San Diego Banded Gecko
C. v. bogerti Klauber, 1945Tucson Banded Gecko
C. v. utahensis Klauber, 1945 Utah Banded Gecko
C. v. variegatus (Baird, 1858).....Desert Banded Gecko

PHYLLODACTYLUS Gray, 1828 — LEAF-TOED GECKOS

- P. nocticolus* Dixon, 1964.....Peninsular Leaf-toed Gecko

SPHAERODACTYLUS Wagler, 1830 — DWARF GECKOS

- S. notatus* Baird, 1858Reef Gecko
S. n. notatus Baird, 1858..... Florida Reef Gecko

FAMILY HELODERMATIDAE GRAY, 1837

HELODERMA Wiegmann, 1829 — GILA MONSTER

- H. suspectum* Cope, 1869 Gila Monster
H. s. cinctum Bogert & Martín del Campo, 1956..... Banded Gila Monster
H. s. suspectum Cope, 1869..... Reticulate Gila Monster

FAMILY IGUANIDAE OPPEL, 1811

DIPSOSAURUS Hallowell, 1854 — DESERT IGUANA

- D. dorsalis* (Baird & Girard, 1852) Desert Iguana
D. d. dorsalis (Baird & Girard, 1852)Desert Iguana

SAUROMALUS Dumeril, 1856 — CHUCKWALLAS

- S. ater* Duméril, 1856 Chuckwalla

FAMILY PHRYNOSOMATIDAE FITZINGER, 1843

CALLISAURUS Blainville, 1835 — ZEBRATAIL LIZARD

- C. draconoides* Blainville, 1835.....Zebratail Lizard
C. d. myurus Richardson, 1915.....Nevada Zebratail Lizard
C. d. rhodostictus Cope, 1896.....Mojave Zebratail Lizard
C. d. ventralis (Hallowell, 1852).....Arizona Zebratail Lizard

COPHOSAURUS Troschel, 1850 — GREATER EARLESS LIZARD

- C. texanus* Troschel, 1850.....Greater Earless Lizard
C. t. scitulus (Peters, 1951).....Southwestern Earless Lizard
C. t. texanus Troschel, 1850.....Texas Earless Lizard

HOLBROOKIA Girard, 1851 — EARLESS LIZARDS

- H. elegans* Bocourt, 1874.....Canyon Earless Lizard
H. e. thermophila Barbour, 1921.....Western Earless Lizard
H. lacerata Cope, 1880.....Spot-tailed Earless Lizard
H. l. lacerata Cope, 1880.....Plateau Earless Lizard
H. l. subcaudalis Axtell, 1956.....Southern Earless Lizard
H. maculata Girard, 1851.....Lesser Earless Lizard
H. m. bunkerii Smith, 1935.....Bunker's Earless Lizard
H. m. campi Schmidt, 1921.....Speckled Earless Lizard
H. m. flavilenta (Cope, 1883).....Striped Earless Lizard
H. m. maculata Girard, 1851.....Northern Earless Lizard
H. m. perspicua Axtell, 1956.....Eastern Earless Lizard
H. m. pulchra Schmidt, 1921.....Huachuca Earless Lizard
H. m. ruthveni Smith, 1943.....Bleached Earless Lizard
H. propinqua Baird & Girard, 1852.....Keeled Earless Lizard
H. p. propinqua Baird & Girard, 1852.....Northern Keeled Earless Lizard

PETROSAURUS Boulenger, 1885 — ROCK LIZARDS

- P. mearnsi* (Stejneger, 1894).....Banded Rock Lizard

PHRYNOSOMA Wiegmann, 1828 — HORNED LIZARDS

- P. blainvillii* Gray, 1839.....Coast Horned Lizard
P. cornutum (Harlan, 1825).....Texas Horned Lizard
P. douglasii (Bell, 1828).....Northwestern Short-horned Lizard
P. goodei Stejneger, 1893.....Sonoran Horned Lizard
P. hernandesi Girard, 1858.....Mountain Short-horned Lizard
P. h. hernandesi Girard, 1858.....Mountain Short-horned Lizard
P. mcallii (Hallowell, 1852).....Flat-tail Horned Lizard
P. modestum Girard, 1852.....Roundtail Horned Lizard
P. platyrhinos Girard, 1852.....Desert Horned Lizard
P. p. calidiarum (Cope, 1896).....Southern Desert Horned Lizard
P. p. platyrhinos Girard, 1852.....Northern Desert Horned Lizard
P. solare Gray, 1845.....Regal Horned Lizard

SCELOPORUS Wiegmann, 1828 — SPINY LIZARDS

- S. arenicolus* Degenhardt & Jones, 1972.....Dunes Sagebrush Lizard

<i>S. becki</i> Van Denburgh, 1905.....	Island Fence Lizard
<i>S. clarkii</i> Baird & Girard, 1852	Clark's Spiny Lizard
<i>S. c. clarkii</i> Baird & Girard, 1852.....	Sonoran Spiny Lizard
<i>S. c. vallis</i> Shannon & Urbano, 1954	Plateau Spiny Lizard
<i>S. consobrinus</i> Baird & Girard, 1853	Prairie Lizard
<i>S. cowlesi</i> Lowe & Norris, 1956.....	Southern Plateau Lizard
<i>S. graciosus</i> Baird & Girard, 1852	Sagebrush Lizard
<i>S. g. gracilis</i> Baird & Girard, 1852.....	Western Sagebrush Lizard
<i>S. g. graciosus</i> Baird & Girard, 1852	Northern Sagebrush Lizard
<i>S. grammicus</i> Wiegmann, 1828	Mesquite Lizard
<i>S. g. microlepidotus</i> Wiegmann, 1834	Northern Mesquite Lizard
<i>S. jarrovii</i> Cope, 1875.....	Yarrow's Spiny Lizard
<i>S. magister</i> Hallowell, 1854	Desert Spiny Lizard
<i>S. merriami</i> Stejneger, 1904	Canyon Lizard
<i>S. m. annulatus</i> Smith, 1937	Big Bend Canyon Lizard
<i>S. m. longipunctatus</i> Olson, 1973	Presidio Canyon Lizard
<i>S. m. merriami</i> Stejneger, 1904	Merriam's Canyon Lizard
<i>S. occidentalis</i> Baird & Girard, 1852	Western Fence Lizard
<i>S. o. biseriatus</i> Hallowell, 1854.....	San Joaquin Fence Lizard
<i>S. o. bocourtii</i> Boulenger, 1885	Coast Range Fence Lizard
<i>S. o. longipes</i> Baird, 1858.....	Great Basin Fence Lizard
<i>S. o. occidentalis</i> Baird & Girard, 1852	Northwestern Fence Lizard
<i>S. o. taylora</i> Camp, 1916	Sierra Fence Lizard
<i>S. olivaceus</i> Smith, 1934	Texas Spiny Lizard
<i>S. orcutti</i> Stejneger, 1893.....	Granite Spiny Lizard
<i>S. poinsettii</i> Baird & Girard, 1852.....	Crevice Spiny Lizard
<i>S. p. axelli</i> Webb, 2006.....	Texas Crevice Spiny Lizard
<i>S. p. poinsettii</i> Baird & Girard, 1852.....	New Mexico Spiny Lizard
<i>S. serrifer</i> Cope, 1866.....	Blue Spiny Lizard
<i>S. s. cyanogenys</i> Cope, 1885.....	Blue Spiny Lizard
<i>S. slevini</i> Smith, 1937	Bunch Grass Lizard
<i>S. tristichus</i> Cope, 1875.....	Northern Plateau Lizard
<i>S. undulatus</i> (Bosc & Daudin, 1801).....	Eastern Fence Lizard
<i>S. vandenburgianus</i> Cope, 1896.....	Southern Sagebrush Lizard
<i>S. variabilis</i> Wiegmann, 1834	Rosebelly Lizard
<i>S. v. marmoratus</i> Hallowell, 1852	Rosebelly Lizard
<i>S. virgatus</i> Smith, 1938.....	Striped Plateau Lizard
<i>S. woodi</i> Stejneger, 1918	Florida Scrub Lizard

UMA Baird, 1858 — FRINGE-TOED LIZARDS

<i>U. inornata</i> Cope, 1895	Coachella Valley Fringe-toed Lizard
<i>U. notata</i> Baird, 1858	Colorado Desert Fringe-toed Lizard
<i>U. rufopunctata</i> Cope, 1895	Sonoran Fringe-toed Lizard
<i>U. scoparia</i> Cope, 1894.....	Mojave Fringe-toed Lizard

UROSAURUS Hallowell, 1854 — TREE & BRUSH LIZARDS

<i>U. graciosus</i> Hallowell, 1854.....	Western Brush Lizard
<i>U. nigricaudus</i> (Cope, 1864).....	Blacktail Brush Lizard
<i>U. ornatus</i> (Baird & Girard, 1852).....	Tree Lizard

UTA Baird & Girard, 1852 — SIDE-BLOTCHED LIZARDS

- U. stansburiana* Baird & Girard, 1852..... Side-blotched Lizard
U. s. elegans Yarrow, 1882..... California Side-blotched Lizard
U. s. nevadensis Ruthven, 1915..... Nevada Side-blotched Lizard
U. s. stansburiana Baird & Girard, 1852..... Northern Side-blotched Lizard
U. s. stejnegeri Schmidt, 1921..... Desert Side-blotched Lizard
U. s. uniformis Pack & Tanner, 1970..... Colorado Side-blotched Lizard

FAMILY POLYCHROTIDAE FITZINGER, 1843

ANOLIS Daudin, 1803 — ANOLES

- A. carolinensis* (Voigt, 1832)..... Green Anole
A. c. carolinensis (Voigt, 1832)..... Northern Green Anole
A. c. seminolus Vance, 1991..... Southern Green Anole

FAMILY SCINCIDAE GRAY, 1825

PLESTIODON Duméril & Bibron, 1839
— NORTH AMERICAN SKINKS

- P. anthracinus* Baird, 1849..... Coal Skink
P. a. anthracinus Baird, 1849..... Northern Coal Skink
P. a. pluvialis (Cope, 1880)..... Southern Coal Skink
P. callicephalus (Bocourt, 1879)..... Mountain Skink
P. egregius Baird, 1858..... Mole Skink
P. e. egregius Baird, 1858..... Florida Keys Mole Skink
P. e. insularis (Mount, 1965)..... Cedar Key Mole Skink
P. e. lividus (Mount, 1965)..... Bluetail Mole Skink
P. e. onocrepis Cope, 1871..... Peninsula Mole Skink
P. e. similis (McConkey, 1957)..... Northern Mole Skink
P. fasciatus (Linnaeus, 1758)..... Five-lined Skink
P. gilberti (Van Denburgh, 1896)..... Gilbert's Skink
P. g. arizonensis (Lowe & Shannon, 1954)..... Arizona Skink
P. g. cancellosus (Rodgers & Fitch, 1947)..... Variegated Skink
P. g. gilberti (Van Denburgh, 1896)..... Greater Brown Skink
P. g. placerensis (Rodgers, 1944)..... Northern Brown Skink
P. g. rubricaudatus (Taylor, 1935)..... Western Redtail Skink
P. inexpectatus (Taylor, 1932)..... Southeastern Five-lined Skink
P. laticeps (Schneider, 1801)..... Broadhead Skink
P. multivirgatus Hallowell, 1857..... Many-lined Skink
P. m. epipleurotus (Cope, 1880)..... Variable Skink
P. m. multivirgatus Hallowell, 1857..... Northern Many-lined Skink
P. obsoletus Baird & Girard, 1852..... Great Plains Skink
P. obtusirostris (Bocourt, 1879)..... Southern Prairie Skink
P. o. obtusirostris (Bocourt, 1879)..... Southern Prairie Skink
P. o. pallidus (Smith & Slater, 1949)..... Edwards Plateau Skink
P. reynoldsi (Stejneger, 1910)..... Sand Skink
P. septentrionalis Baird, 1858..... Northern Prairie Skink
P. skiltonianus Baird & Girard, 1852..... Western Skink
P. s. interparietalis (Tanner, 1957)..... Coronado Island Skink

<i>P. s. skiltonianus</i> Baird & Girard, 1852	Western Skink
<i>P. s. utahensis</i> (Tanner, 1957)	Great Basin Skink
<i>P. tetragrammus</i> Baird, 1858	Four-lined Skink
<i>P. t. brevilineatus</i> (Cope, 1880)	Short-lined Skink
<i>P. t. tetragrammus</i> Baird, 1858	Four-lined Skink

SCINCELLA Mittleman, 1950 — GROUND SKINKS

<i>S. lateralis</i> (Say, 1823)	Ground Skink
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FAMILY TEIIDAE GRAY, 1827

ASPIDOSCELIS Fitzinger, 1843

— NORTH AMERICAN WHIPTAILS & RACERUNNER

<i>A. arizonae</i> (Van Denburgh, 1896)	Arizona Striped Whiptail
<i>A. burti</i> (Taylor, 1938)	Canyon Spotted Whiptail
<i>A. b. stictogramma</i> (Burger, 1950)	Giant Spotted Whiptail
<i>A. dixonii</i> (Scudgday, 1973)	Gray-checked Whiptail
<i>A. exsanguis</i> (Lowe, 1956)	Chihuahuan Spotted Whiptail
<i>A. flagellicauda</i> (Lowe & Wright, 1964)	Gila Spotted Whiptail
<i>A. gularis</i> (Baird & Girard, 1852)	Texas Spotted Whiptail
<i>A. g. gularis</i> (Baird & Girard, 1852)	Texas Spotted Whiptail
<i>A. gypsi</i> (Wright & Lowe, 1993)	Little White Whiptail
<i>A. hyperythra</i> (Cope, 1863)	Orangethroat Whiptail
<i>A. inornata</i> (Baird, 1858)	Little Striped Whiptail
<i>A. i. heptagramma</i> (Axtell, 1961)	Trans-Pecos Striped Whiptail
<i>A. laredoensis</i> (McKinney, Kay & Anderson, 1973)	Laredo Striped Whiptail
<i>A. neomexicana</i> (Lowe & Zweifel, 1952)	New Mexico Whiptail
<i>A. neotesselata</i> (Walker, Cordes & Taylor, 1997)	Southeastern Colorado Whiptail
<i>A. pai</i> (Wright & Lowe, 1993)	Pai Striped Whiptail
<i>A. septemvittata</i> (Cope, 1892)	Plateau Spotted Whiptail
<i>A. s. septemvittata</i> (Cope, 1892)	Plateau Spotted Whiptail
<i>A. sexlineata</i> (Linnaeus, 1766)	Six-lined Racerunner
<i>A. s. sexlineata</i> (Linnaeus, 1766)	Six-lined Racerunner
<i>A. s. stephensae</i> (Trauth, 1992)	Texas Yellowhead Racerunner
<i>A. s. viridis</i> (Lowe, 1966)	Prairie Racerunner
<i>A. sonora</i> (Lowe & Wright, 1964)	Sonoran Spotted Whiptail
<i>A. tessellata</i> (Say, 1823)	Colorado Checkered Whiptail
<i>A. tigris</i> (Baird & Girard, 1852)	Western Whiptail
<i>A. t. marmorata</i> (Baird & Girard, 1852)	Western Marbled Whiptail
<i>A. t. munda</i> (Camp, 1916)	California Whiptail
<i>A. t. punctilinealis</i> (Dickerson, 1919)	Southern Whiptail
<i>A. t. reticuloriens</i> (Vance, 1978)	Eastern Marbled Whiptail
<i>A. t. septentrionalis</i> (Burger, 1950)	Northern Whiptail
<i>A. t. stejnegeri</i> (Van Denburgh, 1894)	Coastal Whiptail
<i>A. t. tigris</i> (Baird & Girard, 1852)	Great Basin Whiptail
<i>A. uniparens</i> (Wright & Lowe, 1965)	Desert Grassland Whiptail
<i>A. velox</i> (Springer, 1928)	Plateau Striped Whiptail
<i>A. xanthonota</i> (Duellman & Lowe, 1953)	Redback Whiptail

FAMILY XANTUSIIDAE BAIRD, 1858

XANTUSIA Baird, 1858 — NIGHT LIZARDS

- X. arizonae* Klauber, 1931..... Arizona Night Lizard
X. bezyi Papenfuss, Macey & Schulte 2001 Bezy's Night Lizard
X. gracilis Grismer & Galvan, 1986..... Sandstone Night Lizard
X. henshawi Stejneger, 1893..... Granite Night Lizard
X. riversiana Cope, 1883..... Island Night Lizard
X. r. reticulata Smith, 1946..... San Clemente Night Lizard
X. r. riversiana Cope, 1883..... San Nicolas Night Lizard
X. sierrae Bezy, 1967 Sierra Night Lizard
X. vigilis Baird, 1858 Desert Night Lizard
X. wigginsi Savage, 1952..... Wiggins's Night Lizard

SNAKES

FAMILY BOIDAE GRAY, 1842

CHARINA Gray, 1849 — RUBBER BOAS

- C. bottae* (Blainville, 1835)..... Northern Rubber Boa
C. umbratica Klauber, 1943 Southern Rubber Boa

LICHANURA Cope, 1861 — ROSY BOAS

- L. orcutti* Stejneger, 1889 Desert Rosy Boa
L. trivirgata Cope, 1861 Mexican Rosy Boa

FAMILY COLUBRIDAE OPPEL, 1811

ARIZONA Kennicott, 1859 — GLOSSY SNAKES

- A. elegans* Kennicott, 1859..... Eastern Glossy Snake
A. e. arenicola Dixon, 1960..... Texas Glossy Snake
A. e. elegans Kennicott, 1859..... Kansas Glossy Snake
A. e. philipi Klauber, 1946..... Painted Desert Glossy Snake
A. occidentalis Blanchard, 1924..... Western Glossy Snake
A. o. candida Klauber, 1946 Mojave Glossy Snake
A. o. eburnata Klauber, 1946..... Desert Glossy Snake
A. o. noctivaga Klauber, 1946 Arizona Glossy Snake
A. o. occidentalis Blanchard, 1924..... California Glossy Snake

BOGERTOPHIS Dowling & Price, 1988 — DESERT RAT SNAKES

- B. rosaliae* (Mocquard, 1899)..... Baja California Rat Snake
B. subocularis (Brown, 1901) Trans-Pecos Rat Snake
B. s. subocularis (Brown, 1901) Trans-Pecos Rat Snake

CEMOPHORA Cope, 1860 — SCARLET SNAKE

- C. coccinea* (Blumenbach, 1788) Scarlet Snake
C. c. coccinea (Blumenbach, 1788)..... Florida Scarlet Snake
C. c. copei Jan, 1863..... Northern Scarlet Snake
C. c. lineri Williams, Brown & Wilson, 1966 Texas Scarlet Snake

CHILOMENISCUS Cope, 1860 — SAND SNAKES

C. stramineus Cope, 1860 Western Sand Snake

CHIONACTIS Cope, 1860 — SHOVELNOSE SNAKES

C. occipitalis (Hallowell, 1854) Western Shovelnose Snake

C. o. annulata (Baird, 1859) Colorado Desert Shovelnose Snake

C. o. klauberi (Stickel, 1941) Tucson Shovelnose Snake

C. o. occipitalis (Hallowell, 1854) Mojave Shovelnose Snake

C. o. talpina Klauber, 1951 Nevada Shovelnose Snake

C. palarostris (Klauber, 1937) Sonoran Shovelnose Snake

C. p. organica Klauber, 1951 Organ Pipe Shovelnose Snake

COLUBER Linnaeus, 1758 — RACERS

C. constrictor Linnaeus, 1758 Eastern Racer

C. c. anthicus (Cope, 1862) Buttermilk Racer

C. c. constrictor Linnaeus, 1758 Northern Black Racer

C. c. etheridgei Wilson, 1970 Tan Racer

C. c. flaviventris Say, 1823 Yellowbelly Racer

C. c. helvigularis Auffenberg, 1955 Brownchin Racer

C. c. latrunculus Wilson, 1970 Blackmask Racer

C. c. oaxaca (Jan, 1863) Mexican Racer

C. c. paludicola Auffenberg & Babbitt, 1955 Everglades Racer

C. c. priapus Dunn & Wood, 1939 Southern Black Racer

C. mormon Baird & Girard, 1852 Western Racer

DRYMARCHON Fitzinger, 1843 — INDIGO SNAKES

D. couperi (Holbrook, 1842) Eastern Indigo Snake

D. melanurus (Dumeril, Bibron &

Dumeril, 1853) Western Indigo Snake

D. m. erebennus (Cope, 1860) Texas Indigo Snake

DRYMOBIUS Fitzinger, 1843 — SPECKLED RACERS

D. margaritiferus (Schlegel, 1837) Speckled Racer

D. m. margaritiferus (Schlegel, 1837) Northern Speckled Racer

FICIMIA Gray, 1849 — MEXICAN HOOKNOSE SNAKES

F. streckeri Taylor, 1931 Mexican Hooknose Snake

GYALOPION Cope, 1860 — PLATEAU HOOKNOSE SNAKES

G. canum (Cope, 1860) Western Hooknose Snake

G. quadrangulare (Günther, 1893) Desert Hooknose Snake

LAMPROPELTIS Fitzinger, 1843 — KINGSNAKES & MILK SNAKE

L. alterna (Brown, 1901) Gray-banded Kingsnake

L. calligaster (Harlan, 1827) Prairie Kingsnake

L. c. calligaster (Harlan, 1827) Prairie Kingsnake

L. c. occipitolineata Price, 1987 South Florida Mole Kingsnake

L. c. rhombomaculata (Holbrook, 1840) Mole Kingsnake

<i>L. getula</i> (Linnaeus, 1766).....	Common Kingsnake
<i>L. g. californiae</i> (Blainville, 1835).....	California Kingsnake
<i>L. g. floridana</i> Blanchard, 1919.....	Florida Kingsnake
<i>L. g. getula</i> (Linnaeus, 1766).....	Eastern Kingsnake
<i>L. g. holbrooki</i> Stejneger, 1902.....	Speckled Kingsnake
<i>L. g. nigra</i> (Yarrow, 1882).....	Black Kingsnake
<i>L. g. nigrita</i> Zweifel & Norris, 1955.....	Black Desert Kingsnake
<i>L. g. splendida</i> (Baird & Girard, 1853).....	Desert Kingsnake
<i>L. pyromelana</i> (Cope, 1866).....	Sonoran Mountain Kingsnake
<i>L. p. pyromelana</i> (Cope, 1866).....	Arizona Mountain Kingsnake
<i>L. triangulum</i> (Lacépède, 1789).....	Milk Snake
<i>L. t. amaura</i> Cope, 1860.....	Louisiana Milk Snake
<i>L. t. annulata</i> Kennicott, 1860.....	Mexican Milk Snake
<i>L. t. celaenops</i> Stejneger, 1903.....	New Mexico Milk Snake
<i>L. t. elapsoides</i> (Holbrook, 1838).....	Scarlet Kingsnake
<i>L. t. gentilis</i> (Baird & Girard, 1853).....	Central Plains Milk Snake
<i>L. t. multistriata</i> Kennicott, 1860.....	Pale Milk Snake
<i>L. t. sypila</i> (Cope, 1888).....	Red Milk Snake
<i>L. t. taylora</i> Tanner & Loomis, 1957.....	Utah Milk Snake
<i>L. t. triangulum</i> (Lacépède, 1788).....	Eastern Milk Snake
<i>L. zonata</i> (Blainville, 1835).....	California Mountain Kingsnake

LIOCHLOROPHIS Smith & Oldham, 1991 — SMOOTH GREEN SNAKE

<i>L. vernalis</i> (Harlan, 1827).....	Smooth Green Snake
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MASTICOPHIS Baird & Girard, 1853

— WHIPSNAKES, STRIPED RACER, & COACHWHIPS

<i>M. bilineatus</i> Jan, 1863.....	Sonoran Whipsnake
<i>M. flagellum</i> (Shaw, 1802).....	Coachwhip
<i>M. f. cingulum</i> Lowe & Woodin, 1954.....	Sonoran Coachwhip
<i>M. f. flagellum</i> (Shaw, 1802).....	Eastern Coachwhip
<i>M. f. lineatulus</i> Smith, 1941.....	Lined Coachwhip
<i>M. f. piceus</i> (Cope, 1892).....	Red Coachwhip
<i>M. f. ruddocki</i> Brattstrom & Warren, 1953.....	San Joaquin Coachwhip
<i>M. f. testaceus</i> (Say, 1823).....	Western Coachwhip
<i>M. fuliginosus</i> (Cope, 1895).....	Baja California Coachwhip
<i>M. lateralis</i> (Hallowell, 1853).....	Striped Racer
<i>M. l. euryxanthus</i> (Riemer, 1954).....	Alameda Striped Racer
<i>M. l. lateralis</i> (Hallowell, 1853).....	California Striped Racer
<i>M. schotti</i> Baird & Girard, 1853.....	Schott's Whipsnake
<i>M. s. ruthveni</i> Ortenburger, 1923.....	Ruthven's Whipsnake
<i>M. s. schotti</i> Baird & Girard, 1853.....	Schott's Whipsnake
<i>M. taeniatus</i> (Hallowell, 1852).....	Striped Whipsnake
<i>M. t. girardi</i> (Stejneger & Barbour, 1917).....	Central Texas Whipsnake
<i>M. t. taeniatus</i> (Hallowell, 1852).....	Desert Striped Whipsnake

MINTONIUS Collins & Taggart, 2008 — FOX SNAKES

<i>M. gloydi</i> (Conant, 1940).....	Eastern Fox Snake
<i>M. vulpinus</i> (Baird & Girard, 1853).....	Western Fox Snake

OPHEODRYS Fitzinger, 1843 — ROUGH GREEN SNAKE*O. aestivus* (Linnaeus, 1766) Rough Green Snake**OXYBELIS** Wagler, 1830 — NEOTROPICAL VINE SNAKES*O. aeneus* (Wagler, 1824) Mexican Vine Snake**PANTHEROPHIS** Fitzinger, 1833

— CORN SNAKES & GREAT PLAINS RAT SNAKE

P. emoryi (Baird & Girard, 1853) Great Plains Rat Snake*P. guttatus* (Linnaeus, 1766) Eastern Corn Snake*P. slowinskii* (Burbrink, 2002) Slowinski's Corn Snake**PHYLLORHYNCHUS** Stejneger, 1890 — LEAFNOSE SNAKES*P. browni* Stejneger, 1890 Saddled Leafnose Snake*P. decurtatus* (Cope, 1868) Spotted Leafnose Snake**PITUOPHIS** Holbrook, 1842

— BULLSNAKE, PINE SNAKES, & GOPHER SNAKE

P. catenifer (Blainville, 1835) Gopher Snake*P. c. affinis* Hallowell, 1852 Sonoran Gopher Snake*P. c. annectens* Baird & Girard, 1853 San Diego Gopher Snake*P. c. catenifer* (Blainville, 1835) Pacific Gopher Snake*P. c. deserticola* Stejneger, 1893 Great Basin Gopher Snake*P. c. pumilis* Klauber, 1946 Santa Cruz Gopher Snake*P. c. sayi* (Schlegel, 1837) Bullsnake*P. melanoleucus* (Daudin, 1803) Eastern Pine Snake*P. m. lodingi* Blanchard, 1924 Black Pine Snake*P. m. melanoleucus* (Daudin, 1803) Northern Pine Snake*P. m. mugitus* Barbour, 1921 Florida Pine Snake*P. ruthveni* Stull, 1929 Louisiana Pine Snake**RHINOCHILUS** Baird & Girard, 1853 — LONGNOSE SNAKE*R. lecontei* Baird & Girard, 1853 Longnose Snake**SALVADORA** Baird & Girard, 1853 — PATCHNOSE SNAKES*S. deserticola* Schmidt, 1940 Big Bend Patchnose Snake*S. grahamiae* Baird & Girard, 1853 Mountain Patchnose Snake*S. g. grahamiae* Baird & Girard, 1853 Mountain Patchnose Snake*S. g. lineata* Schmidt, 1940 Texas Patchnose Snake*S. hexalepis* (Cope, 1866) Western Patchnose Snake*S. h. hexalepis* (Cope, 1866) Desert Patchnose Snake*S. h. mojavensis* Bogert, 1945 Mojave Patchnose Snake*S. h. virgultea* Bogert, 1935 Coast Patchnose Snake**SCOTOPHIS** Baird & Girard, 1853 — WOODLAND RAT SNAKES*S. alleghaniensis* (Holbrook, 1836) Eastern Rat Snake*S. bairdi* (Yarrow, 1880) Baird's Rat Snake*S. obsoletus* (Say, 1823) Western Rat Snake*S. spiloides* (Duméril, Bibron & Duméril, 1854) Midland Rat Snake

SENTICOLIS Dowling & Fries, 1987 — MOUNTAIN RAT SNAKE
S. triaspis (Cope, 1866)..... Green Rat Snake
S. t. intermedia (Boettger, 1883) Green Rat Snake

SONORA Baird & Girard, 1853 — GROUND SNAKES
S. semiannulata Baird & Girard, 1853Ground Snake

STILOSOMA Brown, 1890 — SHORT-TAILED SNAKE
S. extenuatum Brown, 1890..... Short-tailed Snake

TANTILLA Baird & Girard, 1853
 — BLACKHEAD, FLATHEAD, & CROWNED SNAKES
T. atriceps (Günther, 1895).....Mexican Blackhead Snake
T. coronata Baird & Girard, 1853 Southeastern Crowned Snake
T. cucullata Minton, 1956.....Big Bend Blackhead Snake
T. gracilis Baird & Girard, 1853..... Flathead Snake
T. hobartsmithi Taylor, 1936..... Southwestern Blackhead Snake
T. nigriceps Kennicott, 1860..... Plains Blackhead Snake
T. oolitica Telford, 1966 Rim Rock Crowned Snake
T. planiceps (Blainville, 1835) Western Blackhead Snake
T. relicta Telford, 1966 Florida Crowned Snake
T. r. neilli Telford, 1966 Central Florida Crowned Snake
T. r. pamlica Telford, 1966..... Coastal Dunes Crowned Snake
T. r. relicta Telford, 1966 Peninsula Crowned Snake
T. wilcoxi Stejneger, 1902.....Chihuahuan Blackhead Snake
T. yaquia Smith, 1942.....Yaqui Blackhead Snake

TRIMORPHODON Cope, 1861 — LYRE SNAKES
T. lambda Cope, 1886..... Sonoran Lyre Snake
T. lyrophanes Cope, 1860Peninsular Lyre Snake
T. wilkinsonii Cope, 1886 Chihuahuan Lyre Snake

FAMILY CROTALIDAE OPPEL, 1811

AGKISTRODON Palisot de Beauvois, 1799
 — COPPERHEAD & COTTONMOUTH
A. contortrix (Linnaeus, 1766) Copperhead
A. c. contortrix (Linnaeus, 1766)..... Southern Copperhead
A. c. laticinctus Gloyd & Conant, 1934..... Broad-banded Copperhead
A. c. mokasen Palisot de Beauvois, 1799 Northern Copperhead
A. c. phaeogaster Gloyd, 1969Osage Copperhead
A. c. pictigaster Gloyd & Conant, 1943 Trans-Pecos Copperhead
A. piscivorus (Lacépède, 1789) Cottonmouth
A. p. conanti Gloyd, 1969..... Florida Cottonmouth
A. p. leucostoma (Troost, 1836)..... Western Cottonmouth
A. p. piscivorus (Lacépède, 1789) Eastern Cottonmouth

CROTALUS Linnaeus, 1758 — RATTLESNAKES
C. abyssus Klauber, 1930 Grand Canyon Rattlesnake
C. adamanteus
 Palisot de Beauvois, 1799 Eastern Diamondback Rattlesnake

- C. atrox* Baird & Girard, 1853..... Western Diamondback Rattlesnake
C. cerastes Hallowell, 1854..... Sidewinder
C. c. cerastes Hallowell, 1854..... Mojave Desert Sidewinder
C. c. cercobombus Savage & Cliff, 1953 Sonoran Sidewinder
C. c. laterorepens Klauber, 1944 Colorado Desert Sidewinder
C. cerberus (Coues, 1875)..... Arizona Black Rattlesnake
C. concolor Woodbury, 1929..... Midget Faded Rattlesnake
C. helleri Meek, 1905 Southern Pacific Rattlesnake
C. horridus Linnaeus, 1758..... Timber Rattlesnake
C. lepidus (Kennicott, 1861) Rock Rattlesnake
C. l. klauberi Gloyd, 1936 Banded Rock Rattlesnake
C. l. lepidus (Kennicott, 1861) Mottled Rock Rattlesnake
C. lutosus Klauber, 1930 Great Basin Rattlesnake
C. mitchellii (Cope, 1861) Speckled Rattlesnake
C. m. pyrrhus (Cope, 1866) Southwestern Speckled Rattlesnake
C. molossus Baird & Girard, 1853 Blacktail Rattlesnake
C. m. molossus Baird & Girard, 1853..... Blacktail Rattlesnake
C. oreganus Holbrook, 1840 Northern Pacific Rattlesnake
C. pricei Van Denburgh, 1895 Twin-spotted Rattlesnake
C. p. pricei Van Denburgh, 1895 Twin-spotted Rattlesnake
C. ruber Cope, 1892 Red Diamond Rattlesnake
C. scutulatus (Kennicott, 1861)..... Mohave Rattlesnake
C. s. scutulatus (Kennicott, 1861) Mohave Rattlesnake
C. stephensi Klauber, 1930..... Panamint Rattlesnake
C. tigris Kennicott, 1859 Tiger Rattlesnake
C. viridis (Rafinesque, 1818)..... Prairie Rattlesnake
C. willardi Meek, 1905..... Ridgenose Rattlesnake
C. w. obscurus Harris, 1974..... New Mexico Ridgenose Rattlesnake
C. w. willardi Meek, 1905..... Arizona Ridgenose Rattlesnake

SISTRURUS Garman, 1883

—PIGMY RATTLESNAKE & MASSASAUGA

- S. catenatus* (Rafinesque, 1818) Massasauga
S. c. catenatus (Rafinesque, 1818)..... Eastern Massasauga
S. c. edwardsii (Baird & Girard, 1853)..... Desert Massasauga
S. c. tergeminus (Say, 1823) Western Massasauga
S. miliarius (Linnaeus, 1766) Pigmy Rattlesnake
S. m. barboursi Gloyd, 1935 Dusky Pigmy Rattlesnake
S. m. miliarius (Linnaeus, 1766)..... Carolina Pigmy Rattlesnake
S. m. streckeri Gloyd, 1935 Western Pigmy Rattlesnake

FAMILY DIPSADIDAE BONAPARTE, 1838

CARPHOPHIS Gervais, 1843 — WORM SNAKES

- C. amoenus* (Say, 1825)..... Eastern Worm Snake
C. a. amoenus (Say, 1825)..... Eastern Worm Snake
C. a. helenae (Kennicott, 1859)..... Midwest Worm Snake
C. vermis (Kennicott, 1859) Western Worm Snake

CONIOPHANES Hallowell, 1860 — BLACK-STRIPED SNAKES

- C. imperialis* (Baird, 1859)..... Black-striped Snake
C. i. imperialis (Baird, 1859).....Black-striped Snake

CONTIA Baird & Girard, 1853 — SHARPTAIL SNAKE

- C. tenuis* (Baird & Girard, 1852)..... Sharptail Snake

DIADOPHIS Baird & Girard, 1853 — RINGNECK SNAKE

- D. punctatus* (Linnaeus, 1766) Ringneck Snake
D. p. acricus Paulson, 1966..... Key Ringneck Snake
D. p. amabilis Baird & Girard, 1853 Pacific Ringneck Snake
D. p. arnyi Kennicott, 1859 Prairie Ringneck Snake
D. p. edwardsii (Merrem, 1820) Northern Ringneck Snake
D. p. modestus Bocourt, 1866..... San Bernardino Ringneck Snake
D. p. occidentalis Blanchard, 1923..... Northwestern Ringneck Snake
D. p. pulchellus Baird & Girard, 1853 Coralbelly Ringneck Snake
D. p. punctatus (Linnaeus, 1766) Southern Ringneck Snake
D. p. regalis Baird & Girard, 1853 Regal Ringneck Snake
D. p. similis Blanchard, 1923 San Diego Ringneck Snake
D. p. stictogenys Cope, 1860 Mississippi Ringneck Snake
D. p. vandenburgii Blanchard, 1923..... Monterey Ringneck Snake

HYP SIGLENA Cope, 1860 — NIGHT SNAKES

- H. jani* (Dugès, 1865) Chihuahuan Night Snake
H. chlorophaea Cope, 1860..... Desert Night Snake
H. ochrorhynchus Cope, 1860Coast Night Snake

LEPTODEIRA Fitzinger, 1843 — CAT-EYED SNAKES

- L. septentrionalis* (Kennicott, 1859)..... Northern Cat-eyed Snake
L. s. septentrionalis (Kennicott, 1859) Northern Cat-eyed Snake

RHADINAEA Cope, 1863 — PINE WOODS SNAKES

- R. flavilata* (Cope, 1871)Pine Woods Snake

FAMILY ELAPIDAE BOIE, 1827

MICRUROIDES Schmidt, 1928 — WESTERN CORAL SNAKE

- M. euryxanthus* (Kennicott, 1860)..... Western Coral Snake
M. e. euryxanthus (Kennicott, 1860) Arizona Coral Snake

MICRURUS Wagler, 1824 — EASTERN CORAL SNAKES

- M. fulvius* (Linnaeus, 1766)..... Eastern Coral Snake
M. tener (Baird & Girard, 1853)Texas Coral Snake
M. t. tener (Baird & Girard, 1853) Texas Coral Snake

FAMILY HYDROPHIIDAE FITZINGER, 1843

PELAMIS Daudin, 1803 — PELAGIC SEA SNAKE

- P. platurus* (Linnaeus, 1766)..... Yellowbelly Sea Snake

FAMILY LEPTOTYPHLOPIDAE STEJNEGER, 1891

LEPTOTYPHLOPS Fitzinger, 1843 — BLIND SNAKES

- L. dissectus* (Cope, 1896) New Mexico Blind Snake
L. dulcis (Baird & Girard, 1853) Texas Blind Snake
L. humilis (Baird & Girard, 1853) Western Blind Snake
L. h. cahuilae Klauber, 1931 Desert Blind Snake
L. h. humilis (Baird & Girard, 1853) Southwestern Blind Snake
L. h. segregus Klauber, 1939 Trans-Pecos Blind Snake
L. h. utahensis Tanner, 1938 Utah Blind Snake

FAMILY NATRICIDAE BONAPARTE, 1838

CLONOPHIS Cope, 1889 — KIRTLAND'S SNAKE

- C. kirtlandii* (Kennicott, 1856) Kirtland's Snake

NERODIA Baird & Girard, 1853 — WATER & SALT MARSH SNAKES

- N. clarkii* (Baird & Girard, 1853) Salt Marsh Snake
N. c. clarkii (Baird & Girard, 1853) Gulf Salt Marsh Snake
N. c. compressicauda Kennicott, 1860 Mangrove Salt Marsh Snake
N. c. taeniata (Cope, 1895) Atlantic Salt Marsh Snake
N. cyclopion (Duméril, Bibron & Duméril, 1854) Mississippi Green Water Snake
N. erythrogaster (Forster, 1771) Plainbelly Water Snake
N. e. erythrogaster (Forster, 1771) Redbelly Water Snake
N. e. flavigaster (Conant, 1949) Yellowbelly Water Snake
N. e. neglecta (Conant, 1949) Copperbelly Water Snake
N. e. transversa (Hallowell, 1852) Blotched Water Snake
N. fasciata (Linnaeus, 1766) Southern Water Snake
N. f. confluens (Blanchard, 1923) Broad-banded Water Snake
N. f. fasciata (Linnaeus, 1766) Banded Water Snake
N. f. pictiventris (Cope, 1895) Florida Water Snake
N. floridana (Goff, 1936) Florida Green Water Snake
N. harteri (Trapido, 1941) Brazos Water Snake
N. paucimaculata (Tinkle & Conant, 1961) Concho Water Snake
N. rhombifer (Hallowell, 1852) Diamondback Water Snake
N. r. rhombifer (Hallowell, 1852) Diamondback Water Snake
N. sipedon (Linnaeus, 1758) Northern Water Snake
N. s. insularum (Conant & Clay, 1937) Lake Erie Water Snake
N. s. pleuralis (Cope, 1892) Midland Water Snake
N. s. sipedon (Linnaeus, 1758) Northern Water Snake
N. s. williamengelsi (Conant & Lazell, 1973) Carolina Water Snake
N. taxispilota (Holbrook, 1838) Brown Water Snake

REGINA Baird & Girard, 1853 — CRAYFISH SNAKES

- R. alleni* (Garman, 1874) Striped Crayfish Snake
R. grahamii Baird & Girard, 1853 Graham's Crayfish Snake
R. rigida (Say, 1825) Glossy Crayfish Snake
R. r. deltae (Huheey, 1959) Delta Crayfish Snake
R. r. rigida (Say, 1825) Glossy Crayfish Snake
R. r. sinicola (Huheey, 1959) Gulf Crayfish Snake
R. septemvittata (Say, 1825) Queen Snake

SEMINATRIX Cope, 1895 — SWAMP SNAKE

- S. pygaea* (Cope, 1871) Black Swamp Snake
S. p. cyclas Dowling, 1950 South Florida Swamp Snake
S. p. paludis Dowling, 1950 Carolina Swamp Snake
S. p. pygaea (Cope, 1871)..... North Florida Swamp Snake

STORERIA Baird & Girard, 1853 — BROWN & REDBELLY SNAKES

- S. dekayi* (Holbrook, 1836)..... Brown Snake
S. d. dekayi (Holbrook, 1836)..... Northern Brown Snake
S. d. limnetes Anderson, 1961..... Marsh Brown Snake
S. d. texana Trapido, 1944 Texas Brown Snake
S. d. victa Hay, 1892 Florida Brown Snake
S. d. wrightorum Trapido, 1944..... Midland Brown Snake
S. occipitamaculata (Storer, 1839)..... Redbelly Snake
S. o. obscura Trapido, 1944 Florida Redbelly Snake
S. o. occipitamaculata (Storer, 1839) Northern Redbelly Snake
S. o. pahasapae Smith, 1963 Black Hills Redbelly Snake

THAMNOPHIS Fitzinger, 1843 — GARTER & RIBBON SNAKES

- T. atratus* (Kennicott, 1860) Santa Cruz Garter Snake
T. a. atratus (Kennicott, 1860)..... Santa Cruz Garter Snake
T. a. hydrophilus Fitch, 1936 Oregon Garter Snake
T. a. zaxanthus Boundy, 1999 Diablo Garter Snake
T. brachystoma (Cope, 1892) Shorthead Garter Snake
T. butleri (Cope, 1889) Butler's Garter Snake
T. couchii (Kennicott, 1859)..... Western Aquatic Garter Snake
T. cyrtopsis (Kennicott, 1860) Blackneck Garter Snake
T. c. cyrtopsis (Kennicott, 1860)..... Western Blackneck Garter Snake
T. c. ocellatus (Cope, 1880)..... Eastern Blackneck Garter Snake
T. elegans (Baird & Girard, 1853)..... Western Terrestrial Garter Snake
T. e. elegans (Baird & Girard, 1853) Mountain Garter Snake
T. e. vagrans (Baird & Girard, 1853)..... Wandering Garter Snake
T. eques (Reuss, 1834) Mexican Garter Snake
T. e. megalops (Kennicott, 1860)..... Northern Mexican Garter Snake
T. gigas Fitch, 1940 Giant Garter Snake
T. hammondii (Kennicott, 1860)..... Two-striped Garter Snake
T. marcianus (Baird & Girard, 1853) Checkered Garter Snake
T. m. marcianus (Baird & Girard, 1853)..... Marcy's Checkered Garter Snake
T. ordinoides (Baird & Girard, 1852) Northwestern Garter Snake
T. proximus (Say, 1823) Western Ribbon Snake
T. p. diabolicus Rossman, 1963 Arid Land Ribbon Snake
T. p. orarius Rossman, 1963 Gulf Coast Ribbon Snake
T. p. proximus (Say, 1823) Western Ribbon Snake
T. p. rubrilineatus Rossman, 1963 Redstripe Ribbon Snake
T. radix (Baird & Girard, 1853)..... Plains Garter Snake
T. rufipunctatus (Cope, 1875) Narrowhead Garter Snake
T. sauritus (Linnaeus, 1766) Eastern Ribbon Snake
T. s. sackenii (Kennicott, 1859) Peninsula Ribbon Snake
T. s. sauritus (Linnaeus, 1766)..... Eastern Ribbon Snake
T. s. septentrionalis Rossman, 1963 Northern Ribbon Snake

<i>T. sirtalis</i> (Linnaeus, 1758).....	Common Garter Snake
<i>T. s. annectens</i> Brown, 1950.....	Texas Garter Snake
<i>T. s. concinnus</i> (Hallowell, 1852).....	Red-spotted Garter Snake
<i>T. s. dorsalis</i> (Baird & Girard, 1853).....	New Mexico Garter Snake
<i>T. s. fitchi</i> Fox, 1951.....	Valley Garter Snake
<i>T. s. infernalis</i> (Blainville, 1835).....	California Red-sided Garter Snake
<i>T. s. pallidulus</i> Allen, 1899.....	Maritime Garter Snake
<i>T. s. parietalis</i> (Say, 1823).....	Red-sided Garter Snake
<i>T. s. pickeringii</i> (Baird & Girard, 1853).....	Puget Sound Garter Snake
<i>T. s. sirtalis</i> (Linnaeus, 1758).....	Eastern Garter Snake

TROPIDOCLONION Cope, 1860 — LINED SNAKE

<i>T. lineatum</i> (Hallowell, 1856).....	Lined Snake
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VIRGINIA Baird & Girard, 1853 — EARTH SNAKES

<i>V. pulchra</i> (Richmond, 1954).....	Mountain Earth Snake
<i>V. striatula</i> (Linnaeus, 1766).....	Rough Earth Snake
<i>V. valeriae</i> Baird & Girard, 1853.....	Smooth Earth Snake
<i>V. v. elegans</i> Kennicott, 1859.....	Western Earth Snake
<i>V. v. valeriae</i> Baird & Girard, 1853.....	Eastern Earth Snake

FAMILY XENODONTIDAE BONAPARTE, 1845

FARANCIA Gray, 1842 — MUD & RAINBOW SNAKES

<i>F. abacura</i> (Holbrook, 1836).....	Mud Snake
<i>F. a. abacura</i> (Holbrook, 1836).....	Eastern Mud Snake
<i>F. a. reinwardtii</i> Schlegel, 1837.....	Western Mud Snake
<i>F. erytrogramma</i> (Palisot de Beauvois, 1801).....	Rainbow Snake
<i>F. e. erytrogramma</i> (Palisot de Beauvois, 1801).....	Rainbow Snake
<i>F. e. seminola</i> Neill, 1964.....	South Florida Rainbow Snake

HETERODON Latreille, 1801 — HOGNOSE SNAKES

<i>H. nasicus</i> Baird & Girard, 1852.....	Western Hognose Snake
<i>H. n. gloydi</i> Edgren, 1952.....	Dusty Hognose Snake
<i>H. n. kennealyi</i> Kennicott, 1860.....	Mexican Hognose Snake
<i>H. n. nasicus</i> Baird & Girard, 1852.....	Plains Hognose Snake
<i>H. platirhinos</i> Latreille, 1801.....	Eastern Hognose Snake
<i>H. simus</i> (Linnaeus, 1766).....	Southern Hognose Snake



ALIEN SPECIES

This is a list of the 64 species of amphibians, reptiles, turtles, and crocodilians that are now known to be established and breeding in the United States (including Hawaii) and/or Canada, and which we consider to be alien (i.e., non-native, introduced deliberately or inadvertently by human agency). This list is based primarily on the species reported in McKeown (1996, for Hawaii only) and Meshaka et al. (2002, for Florida only), and currently maintained and updated daily for North America on the CNAH web site by Walter E. Meshaka, Jr. To stay up-to-date on alien herpetofaunal introductions, visit

http://www.cnah.org/ex_nameslist.asp

Since the previous edition of this North American checklist (Collins and Taggart, 2002), four species thought to have been established in the United States have been determined otherwise. The common names in this alien species list generally are those used by most U.S. field guides, with some alterations to maintain the conventions adopted for the list of native species, or to conform to previously published recommendations. Subspecies names are not included.

CLASS AMPHIBIA Gray, 1825 — AMPHIBIANS
ORDER ANURA Fischer von Waldheim, 1813 — FROGS

FAMILY DENDROBATIDAE COPE, 1865

DENDROBATES Wagler, 1830 — POISON FROGS

D. auratus (Girard, 1855).....Green and Black Poison Frog

FAMILY ELEUTHERODACTYLIDAE LUTZ, 1954

ELEUTHERODACTYLUS Duméril & Bibron, 1841 — ROBBER FROGS

E. coqui Thomas, 1966.....Puerto Rican Coqui
E. planirostris (Cope, 1862).....Greenhouse Frog

FAMILY HYLIDAE RAFINESQUE, 1815

OSTEOPILUS Fitzinger, 1843 — WEST INDIAN TREEFROGS

O. septentrionalis (Duméril & Bibron, 1841).....Cuban Treefrog

FAMILY PIPIDAE BONAPARTE, 1831

XENOPUS Wagler, 1827 — COMMON CLAWED FROGS

X. laevis (Daudin, 1802).....African Clawed Frog

FAMILY RANIDAE RAFINESQUE, 1814

GLANDIRANA Fei, Ye & Huang, 1990 — RUGOSE TRUE FROGS

G. rugosa (Temminck & Schlegel, 1838).....Wrinkled Frog

CLASS CHELONIA Macartney (in Ross), 1802 — TURTLES
ORDER CRYPTODIRA Cope, 1868 — STRAIGHTNECK TURTLES

FAMILY TRIONYCHIDAE BELL, 1828

PALEA Meylan, 1987 — WATTLENECK SOFTSHELLS

P. steindachneri (Siebenrock, 1906) Wattleneck Softshell

PELODISCUS Gray, 1844 — CHINESE SOFTSHELLS

P. sinensis (Wiegmann, 1835) Chinese Softshell

CLASS EUSUCHIA Huxley, 1875 — CROCODYLIANS

ORDER CROCODYLIA Wermuth, 1953

CROCODILES, ALLIGATORS, CAIMANS & GAVIALS

FAMILY ALLIGATORIDAE CUVIER, 1807

CAIMAN Spix, 1825 — SOUTH AMERICAN CAIMANS

C. crocodilus (Linnaeus, 1758) Spectacled Caiman

CLASS REPTILIA Laurenti, 1768 — REPTILES

ORDER SQUAMATA Oppel, 1811

LIZARDS

FAMILY AGAMIDAE GRAY, 1827

AGAMA Daudin, 1802 — AGAMAS

A. agama (Linnaeus, 1758) Common Agama

CALOTES Cuvier, 1817 — VARIED LIZARDS

C. mystaceus Duméril & Bibron, 1837 Indochinese Bloodsucker

C. versicolor Daudin, 1802 Variable Bloodsucker

LEIOLEPIS Cuvier, 1829 — BUTTERFLY LIZARDS

L. belliana Gray, 1827 Butterfly Lizard

FAMILY CHAMAELEONIDAE GRAY, 1825

CHAMAELEO Laurenti, 1768 — CHAMELEONS

C. calyptratus Duméril, 1851 Veiled Chameleon

C. jacksonii Boulenger, 1896 Jackson's Chameleon

FAMILY CORYTOPHANIDAE FITZINGER, 1843

BASILISCUS Laurenti, 1768 — BASILISKS

B. vittatus Wiegmann, 1828 Brown Basilisk

FAMILY GEKKONIDAE GRAY, 1825

COSYMBOLUS Fitzinger, 1843 — ASIAN HOUSE GECKOS
C. platyurus (Schneider, 1792) Asian House Gecko

CYRTOPODION Fitzinger, 1843 — BOWFOOT GECKOS
C. scabrum (Heyden, 1827) Roughtail Gecko

GEHYRA Gray, 1834 — DTELLAS
G. mutilata (Wiegmann, 1835) Stump-toed Gecko

GEKKO Laurenti, 1768 — PACIFIC GECKOS
G. gecko (Linnaeus, 1758) Tokay Gecko

GONATODES Fitzinger, 1843 — AMERICAN GECKOS
G. albogularis (Duméril & Bibron, 1836) Yellowhead Gecko

HEMIDACTYLUS Oken, 1817 — LEAF-TOED GECKOS
H. frenatus Duméril & Bibron, 1836 House Gecko
H. garnotii Duméril & Bibron, 1836 Indo-Pacific Gecko
H. mabouia (Moreau de Jonnés, 1818) Tropical Gecko
H. turcicus (Linnaeus, 1758) Mediterranean Gecko

HEMIPHYLLODACTYLUS Bleeker, 1860 — GYPSY GECKOS
H. typus Bleeker, 1860 Tree Gecko

LEPIDODACTYLUS Fitzinger, 1843 — SCALY-TOED GECKOS
L. lugubris (Duméril & Bibron, 1836) Mourning Gecko

PACHYDACTYLUS Wiegmann, 1834 — THICK-TOED GECKOS
P. bibronii (Smith, 1845) Bibron's Thick-toed Gecko

PHELSUMA Gray, 1825 — DAY GECKOS
P. guimbeaui Mertens, 1963 Orange-spotted Day Gecko
P. laticauda (Boettger, 1880) Gold Dust Day Gecko
P. madagascariensis Gray, 1831 Madagascar Day Gecko

SPHAERODACTYLUS Wagler, 1830 — DWARF GECKOS
S. argus Gosse, 1850 Ocellated Gecko
S. elegans MacCleay, 1834 Ashy Gecko

TARENTOLA Gray, 1825 — WALL GECKOS
T. annularis (Geoffrey, 1827) Ringed Wall Gecko

FAMILY IGUANIDAE OPPEL, 1811

CTENOSAURA Wiegmann, 1828 — GREATER SPINYTAIL IGUANAS
C. pectinata (Wiegmann, 1834) Mexican Spinytail Iguana
C. similis (Gray, 1831) Black Spinytail Iguana

IGUANA Laurenti, 1768 — COMMON IGUANAS

I. iguana (Linnaeus, 1758)..... Green Iguana

FAMILY LACERTIDAE COPE, 1864

LACERTA Linnaeus, 1758 — COMMON EURASIAN LIZARDS

L. bilineata (Daudin, 1802)..... Western Green Lacerta

PODARCIS Wagler, 1830 — WALL LIZARDS

P. muralis (Laurenti, 1768) Common Wall Lizard

P. siculus (Rafinesque, 1810) Italian Wall Lizard

FAMILY POLYCHROTIDAE FITZINGER, 1843

ANOLIS Daudin, 1803 — ANOLES

A. chlorocyanus Duméril & Bibron, 1837 Hispaniolan Green Anole

A. cristatellus Duméril & Bibron, 1837 Puerto Rican Crested Anole

A. cybotes Cope, 1862 Largehead Anole

A. distichus Cope, 1862 Bark Anole

A. equestris Merrem, 1820 Knight Anole

A. garmani Stejneger, 1899 Jamaican Giant Anole

A. porcatus Gray, 1840 Cuban Green Anole

A. sagrei Duméril & Bibron, 1837 Brown Anole

FAMILY SCINCIDAE GRAY, 1825

CRYPTOBLEPHARUS Wiegmann, 1834 — SNAKE-EYED SKINKS

C. poecilopleurus (Wiegmann, 1835) Snake-eyed Skink

EMOIA Gray, 1845 — EMO SKINKS

E. cyanura (Lesson, 1830) Coppertail Skink

E. impar Werner, 1898 Azuretail Skink

LAMPROPHOLIS Fitzinger, 1843 — WATER SKINKS

L. delicata DeVis, 1888 Metallic Skink

LIPINIA Gray, 1845 — LIPINIA SKINKS

L. noctua (Lesson, 1830) Moth Skink

MABUYA Fitzinger, 1826 — MABUYAS

M. multifasciata (Kuhl, 1820) Brown Mabuya

FAMILY TEIIDAE GRAY, 1827

AMEIVA Meyer, 1795 — AMEIVAS

A. ameiva (Linnaeus, 1758) Giant Ameiva

ASPIDOSCELIS Fitzinger, 1843

— NORTH AMERICAN WHIPTAILS & RACERUNNERS

A. motaguae (Sackett, 1941) Giant Whiptail

CNEMIDOPHORUS Wagler, 1830 — TROPICAL WHIPTAILS
C. lemniscatus (Linnaeus, 1758).....Rainbow Whiptail

TUPINAMBIS Daudin, 1802 — TEGUS
T. merianae (Duméril & Bibron, 1839) Argentine Giant Tegu

FAMILY TROPIDURIDAE BELL, 1843

LEIOCEPHALUS Gray, 1827 — CURLYTAIL LIZARDS
L. carinatus Gray, 1827..... Northern Curlytail Lizard
L. schreibersii (Gravenhorst, 1837) Red-sided Curlytail Lizard

FAMILY VARANIDAE GRAY, 1827

VARANUS Merrem, 1820 — MONITOR LIZARDS
V. niloticus Linnaeus, 1766 Nile Monitor

ORDER SQUAMATA Opperl, 1811
SNAKES

FAMILY BOIDAE GRAY, 1842

BOA Linnaeus, 1758 — BOAS
B. constrictor Linnaeus, 1758Boa Constrictor

FAMILY PYTHONIDAE COPE, 1864

PYTHON Daudin, 1803 — PYTHONS
P. molurus (Linnaeus, 1758)Indian Python

FAMILY TYPHLOPIDAE JAN, 1863

RAMPHOTYPHLOPS Fitzinger, 1843 — COMMON BLIND SNAKES
R. braminus (Daudin, 1803)..... Brahminy Blind Snake



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ABOUT THE AUTHORS

JOSEPH T. COLLINS has written 23 books and nearly 300 articles about North American fishes, amphibians, turtles, crocodylians, and reptiles. Some of his books include the *Peterson Field Guide to Reptiles and Amphibians of Eastern and Central North America Third Edition Expanded* (with the late Roger Conant, and featuring the color images of Suzanne L. Collins), *Amphibians and Reptiles in Kansas Third Edition* (with Suzanne L. Collins), and *A Key to Amphibians and Reptiles of the Continental United States and Canada* (with Robert Powell & Errol D. Hooper, Jr.). In 1978, Collins served as president of the *Society for the Study of Amphibians and Reptiles* (which he co-founded in 1967) and as president of the *Kansas Herpetological Society* (1983). He was the 1989 recipient of the Kansas Herpetological Society's *Bronze Salamander Award* for distinguished service, was a distinguished delegate to the *First World Congress of Herpetology* at Canterbury, England, in 1989, was designated (1996) an Honorary Life Member of the *Texas Herpetological Society*, was invested and proclaimed by Governor Bill Graves as the *Wildlife Author Laureate of Kansas* in April 1996, and was made a Distinguished Life Member of the *Kansas Herpetological Society* in 1998. Joseph T. Collins is currently a *Herpetologist* for the *Kansas Biological Survey* at the University of Kansas, *Emeritus* for the *Natural History Museum* at the University of Kansas, *Adjunct Curator of Herpetology* for the *Sternberg Museum of Natural History* at Fort Hays State University, and an instructor at Washburn University, Topeka, where he has taught herpetology since 1997.

TRAVIS W. TAGGART received his *Bachelors Degree* in biology from Fort Hays State University, Kansas, in 1995, and his *Masters Degree* in biology from Southeastern Louisiana University, Hammond, in 1998. In 1997, he co-founded *Contemporary Herpetology*, the first on-line herpetological journal ever created. In 1999, he was appointed *Adjunct Curator of Herpetology* for the *Sternberg Museum of Natural History*, Fort Hays State University, and in 2000 he was appointed editor of the *Kansas Herpetological Society Newsletter* (now the *Journal of Kansas Herpetology*, which he continues to edit). He developed and maintains numerous web sites, including those of the *Kansas Herpetological Society*, *The Center for North American Herpetology*, and the *Kansas Herpetofaunal Atlas*. He has published over 90 papers on amphibians, turtles, and reptiles, received grants for herpetological research from the *Kansas Department of Wildlife and Parks* (1991, 2003, 2009) and the *Texas Herpetological Society* (1996), and was the inaugural recipient of *The Suzanne L. & Joseph T. Collins Award for Excellence in Kansas Herpetology* (1998). His major research interests are phylogenetics/cladistics, molecular biology, evolutionary theory, systematics, philosophy, and paleontology. He also is skilled in web-design/development and computer programming, and actively pursues his interests in scientific illustration.

Back cover images (clockwise starting with the upper left) of an Eastern Corn Snake (*Pantherophis guttatus*), Ground Snake (*Sonora semiannulata*), Western Shovelnose Snake (*Chionactis occipitalis*), female Western Blind Snake (*Leptotyphlops humilis*) with eggs, and Western Rat Snake (*Scotophis obsoletus*) by Suzanne L. Collins, *The Center for North American Herpetology*, Lawrence, Kansas.

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The Center for North American Herpetology

In the spring of 1994, *The Center for North American Amphibians and Reptiles* (CNAAR) was established as a 501c3 non-profit foundation incorporated in the state of Kansas by Joseph T. Collins, Emeritus, *Natural History Museum, The University of Kansas*, and Suzanne L. Collins, *wildlife photographer*, with the objective of promoting research on amphibians, reptiles, turtles, and crocodylians in the United States and Canada. In 2000, the CNAAR Board of Directors voted to change the name of the foundation to *The Center for North American Herpetology* (CNAH), to better reflect modern evidence that amphibians, reptiles, turtles, and crocodylians are equivalent taxonomic groupings (i.e., Classes). CNAH continues to operate as a non-profit foundation.

The Center for North American Herpetology serves as a data bank for information about North American amphibians, reptiles, turtles, and crocodylians, and promotes study of them by financial support of selected publications, photography, and by any appropriate media, as well as the establishment of awards for excellence in research about these fascinating creatures.

The Center for North American Herpetology has been established to play a pivotal role in identifying and, where possible, rewarding the research efforts of those individuals investigating problems that will clarify the biodiversity of North America's herpetofauna. It is vitally important to do so, lest undiscovered species pass into extinction before they can be revealed by modern investigation. Through encouragement by the CNAH Board of Directors, the Center hopes to enhance this process of discovery and disseminate as widely as possible the information gleaned from it to those herpetologists interested in the herpetofauna of the United States and Canada. In this manner, CNAH hopes to escalate the conservation efforts of other individuals and organizations so that populations of all amphibian, reptilian, chelonian, and crocodylian taxa eventually known to inhabit the United States and Canada will be preserved for future generations to enjoy and study.

Recognizing that efforts at conservation of amphibians, reptiles, turtles, and crocodylians in North America (north of Mexico) can only be enhanced by the gathering and dissemination of more and better information about these creatures, *The Center for North American Herpetology* produces and/or maintains online at its home page selected links that serve the North American herpetological community and others interested in these creatures.

Finally, recognizing that high-quality photography of amphibians, reptiles, turtles, and crocodylians is essential in emphasizing their importance to a curious and ever-growing number of naturalists and environmentalists, *The Center for North American Herpetology* will serve as a resource for professional-level color slides of these creatures, making them available (at modest cost) for use in non-profit endeavors such as educational books and brochures.

PREVIOUS EDITIONS OF THIS LIST

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