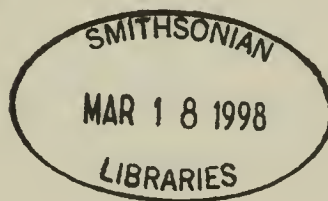


QL  
640  
S666  
REPT

**BIBLIOGRAPHY AND SCIENTIFIC NAME INDEX  
TO AMPHIBIANS AND REPTILES IN THE  
GREAT BASIN NATURALIST  
VOLUMES 1-50, 1939-1990**



Ernest A. Liner  
Houma, Louisiana



**SMITHSONIAN  
HERPETOLOGICAL INFORMATION  
SERVICE  
NO. 115**

1997

**SMITHSONIAN  
HERPETOLOGICAL  
INFORMATION  
SERVICE**

The SHIS series publishes and distributes translations, bibliographies, indices, and similar items judged useful to individuals interested in the biology of amphibians and reptiles, but unlikely to be published in the normal technical journals. Single copies are distributed free to interested individuals. Libraries, herpetological associations, and research laboratories are invited to exchange their publications with the Division of Amphibians and Reptiles.

We wish to encourage individuals to share their bibliographies, translations, etc. with other herpetologists through the SHIS series. If you have such items please contact George Zug for instructions on preparation and submission. Contributors receive 50 free copies.

Please address all requests for copies and inquiries to George Zug, Division of Amphibians and Reptiles, National Museum of Natural History, Smithsonian Institution, Washington DC 20560 USA. Please include a self-addressed mailing label with requests.

## INTRODUCTION

The present numbered alphabetical listing by author(s) covers all the papers of a herpetological interest that have been published in Volumes 1-50, 1939-1990 of the *Great Basin Naturalist*. The journal consists of four numbers a year, occasionally some numbers combined.

All the junior authors are listed alphabetically and cross referenced to the senior author. All articles with original names are preceded by an \*.

In the scientific name index all scientific names of amphibians and reptiles are listed alphabetically and referenced to the numbered article (s) they are used in. All original spellings are maintained even though it is known they are misspelled. No scientific names in bibliographies or literature cited are used. When names appeared with both *i* or *ii* then *ii* is used for both. All original names are **boldfaced**.

The author wishes to thank C. Gans for suggesting this project. For suggesting the addition of a scientific name index: C. R. Zug and W. R. Heyer.

## BIBLIOGRAPHY

1. Andersen, B. B. and F. H. Emmerson. 1970. The rattlesnake Crotalus atrox in southern Nevada. 30: 107.
2. Anderson, Stanley H., Wayne A. Hubert, Craig Patterson, Alan J. Redder and David Duvall. 1987. Distribution of vertebrates of the Bighorn Canyon National Recreation Area. 47: 512-521.
3. Andre, John B. and James A. MacMahon. 1980. Reproduction in three sympatric lizard species from west-central Utah. 40: 68-72.  
Arndt, Rudolf G. *see* Medica, Philip A. and James R. Dixon, 1975; Medica, Philip A., 1976.  
Arthur, W. John, *see* Reynolds, Timothy D., John W. Connelly and Douglas K. Halford, 1986.  
Arvizo, Edward R., *see* Worthington, Richard D., 1973.
4. Atwood, N. Duane, Clyde L. Pritchard, Richard D. Porter and Benjamin W. Wood. 1980. Terrestrial vertebrate fauna of the Kalparowits Basin. 40: 303-350.
5. \*Avery, David F. and Wilmer W. Tanner. 1970. Speciation in the Fijian and Tongan iguana Brachylophus (Sauria, Iguanidae) with the description of a new species. 30: 166-172.  
Avery, David F., *see* Fanghella, Charles and Wilmer W. Tanner, 1975; Tanner, Wilmer W., 1982.
6. Bakewell, George, Joseph M. Chopek and Gary L. Burkholder. 1983. Notes on reproduction of the side-blotched lizard Uta stansburiana stansburiana in south-west Idaho. 43:477-482.
7. Banta, Benjamin H. and Wilmer W. Tanner. 1964. A brief historical resume of herpetological studies in the Great Basin of the western United States. Part I. The reptiles. 24: 37-57.
8. \*----- and ----- . 1968. The systematics of Crotaphytus wislizeni, the leopard lizards (Sauria: Iguanidae). Part II. A review of the status of the Baja California peninsular populations and a description of a new subspecies from Cedros Island. 28: 183-194.  
Banta, Benjamin H., *see* Tanner, Wilmer W., 1962; 1963; 1966; 1977; Powers, Arnold L., 1974.
9. Barnum, Andrew H. 1970. Tribute to Dr. Vasco M. Tanner. 30: 211-212.  
Beatty, Joseph J., *see* Whitaker, John O., Jr., Chris Maser and Robert M. Storm, 1986.
10. Bee, James W. 1970. Vasco M. Tanner--A diversified career. 30: 216-217.  
Benton, Bob, *see* Hovingh, Peter and Dave Bornholdt, 1985.
11. Best, Troy L. and A. L. Gennaro. 1985. Food habits of the western whiptail lizard Cnemidophorus tigris in southeastern New Mexico. 45: 527-534.  
Black, Andrew H., *see* Black, Jeffrey H., 1987.
12. Black, Jeffrey Howard. 1976. Observations on courtship behavior of the deseret tortoise. 36: 467-470.
13. ----- and Andrew H. Black. 1987. Western painted turtle in

- Grant County, Oregon. 47: 344.
14. ----- and Royal Bruce Brunson. 1971. Breeding behavior of the boreal toad, Bufo boreas boreas (Baird & Girard), in western Montana. 31: 109-113.
  15. ----- and Robert M. Storm. 1970. Notes on the herpetology of Grant County, Oregon. 30: 9-12.
  16. Blazzard, John E. 1970. Some memories and impressions of my association with Vasco M. Tanner. 30: 207-208.  
Bornholdt, Dave, *see* Hovingh, Robert and Bob Benton, 1985.
  17. Bragg, Arthur N. 1941. Some observations on amphibia at and near Las Vegas, New Mexico. 2: 109-117.
  18. ----- . 1943. Observations on the ecology and natural history of anura. XV. The hylids and microhylids in Oklahoma. 4: 62-80.
  19. ----- . 1946. Some salientian adaptations. 7: 11-16.
  20. ----- . 1955. The amphibia of Greer County, Oklahoma. 15: 27-31.
  21. ----- and Harold A. Dundee. 1949. Reptiles collected in the vicinity of Las Vegas, New Mexico. 9: 55-57.
  22. ----- and W. F. Hudson. 1951. New county records of salientia and a summary of known distribution of Caudata in Oklahoma. 11: 87-90.
  23. ----- and Charles C. Smith. 1942. Observations on the ecology and natural history of anura. IX. Notes on breeding behavior in Oklahoma. 3: 33-50.  
Brame, Arden H., Jr., *see* Tanner, Wilmer W., 1961.
  24. \*Brown, Walter C. and Vasco M. Tanner. 1949. Rediscovery of the genus Pseudogecko with description of a new species from the Solomon Islands. 9: 41-45.  
Brunson, Royal Bruce, *see* Black, Jeffrey Howard, 1971.
  25. Bullock, Robert E. 1971. Cannibalism in captive rattlesnakes. 31: 49-50.  
Burkholder, Gary L., *see* Bakewell, George and Joseph M. Chopek, 1983.
  26. Calder, J. Hamilton. 1970. Vasco M. Tanner--A dedicated public servant. 30: 197-199.  
Chopek, Joseph M., *see* Bakewell, George and Gary L. Burkholder, 1983.  
Cochran, Philip A., *see* Somme, Louis A., 1989.  
Connelly, John W., *see* Reynolds, Timothy D., Douglas K. Halford and W. John Arthur, 1986.
  27. Cottam, Clarence. 1970. Vasco M. Tanner--A great teacher. 30: 200-202.
  28. Cottam, Walter P. 1970. Vasco M. Tanner--A pioneer in conservation. 30: 203-204.
  29. Cox, Douglas C. and Wilmer W. Tanner. 1977. Osteology and myology of the head and neck region of Callisaurus, Cophosaurus, Holbrookia, and Uta (Reptilia: Iguanidae). 37: 35-56.
  30. ----- and ----- . 1989. Hyobranchial apparatus of the Cryptobranchcidea (Amphibia). 49: 482-490.  
Cox, Douglas C., *see* Tanner, Wilmer W., 1981.
  31. Cox, Mike K. and William L. Franklin. 1989. Terrestrial vertebrates of Scotts Bluff National Monument, Nebraska.



- 49: 597.
32. \*Dasmann, Merlene M. and Hobart M. Smith. 1974. A new sceloporine lizard from Oaxaca, Mexico. 34: 231-237.
  33. Diller, Lowell V. and Richard L. Wallace. 1981. Additional distribution records and abundance of three species of snakes in southwestern Idaho. 41: 154-157.  
Dixon, James R., see Tanner, Wilmer W. and Herbert S. Harris, Jr., 1972; Medica, Philip A. and Rudolf G. Arndt, 1975.
  34. Dixon, Verl G. 1970. Vasco M. Tanner--A participating citizen. 30: 196.
  35. Duke, Kenneth L. 1970. Vasco M. Tanner--An inspiring teacher. 30: 209-210.  
Dundee, Harold A., see Bragg, Arthur N., 1949.  
Duvall, David, see Anderson, Stanley H., Wayne A. Hubert, Craig Patterson and Alan J. Redder, 1987.
  36. Emmerson, Frederick H. 1982. Western diamondback rattlesnake in southern Nevada: A correction and comments. 42: 350.  
Emmerson, F. H. see Andersen, B. B., 1970.
  37. Fanghella, Charles, David F. Avery and Wilmer W. Tanner. 1975. Urosaurus and its phylogenetic relationships to Uta as determined by osteology and myology (Reptilia: Iguanidae). 35: 245-268.
  38. Fawcett, James D. and Hobart M. Smith. 1971a. The lizard Leiolopisma smithi Cochran a junior secondary homonym of Mocoa smithii Gray. 31: 135-137.
  39. ----- and ----- . 1971b. Nomenclatural problems concerning the generic and familial names for the New Zealand and American ribbed frogs. 31: 261-264.
  40. Ferguson, Denzel E., K. Ellsworth Payne and Robert M. Storm. 1958. Notes on the herpetology of Baker County, Oregon. 18: 63-65.
  41. Feuer, Robert C. and Hobart M. Smith. 1972. The contributions of the 1822 works of Jarocki and Fleming to herpetological nomenclature. 32: 55-60.  
Fisher, D. Lowell, see Tanner, Wilmer W. and Thomas J. Willis, 1971.
  42. Fouquette, M. J., Jr. 1968. Remarks on the type specimen of Bufo alvarius Girard. 28: 70-72.  
Franklin, William L., see Cox, Mike K., 1989.  
Gennaro, A. L., see Best, Troy L., 1985.
  43. Germano, David J. and C. Roger Hungerford. 1981. Reptile population changes with manipulation of Sonoran Desert shrub. 41: 129-138.
  44. ----- and David N. Lawhead. 1986. Species diversity and habitat complexity: Does vegetation organize vertebrate communities in the Great Basin? 46: 711-720.
  45. Glenn, James L., Richard C. Straight and Jack W. Sites, Jr. 1990. A plasma protein marker for population genetic studies of the desert tortoise (Gopherus agassizi). 50:1-

8.

46. Grogan, William L. and Wilmer W. Tanner. 1974. Range extension of the long-nosed snake, Rhinocheilus l. lecontei, into east-central Utah. 34: 238-240.  
Guibe, Jean., see Smith, Hobart M. and Rozella B. Smith, 1975.
47. Guyer, Craig and Allan D. Linder. 1985. Thermal ecology and activity patterns of the short-horned lizard (Phrynosoma douglassi) and the sagebrush lizard (Sceloporus graciosus) in southeastern Idaho. 45: 607-614.
48. Halford, Douglas K. and Jere B. Millard. 1978. Vertebrate fauna of a radioactive leaching pond complex in southeastern Idaho. 38: 64-70.  
Halford, Douglas K., see Reynolds, Timothy D., John W. Connelly and W. John Arthur, 1986.  
Hall, William P., see Smith, Hobart M., 1974.
49. Hansen, George H. 1970. Vasco M. Tanner--Colleague and friend. 30: 218.  
Harris, Herbert S., Jr., see Tanner, Wilmer W. and James R. Dixon, 1972.
50. Harrison, Bertrand F. 1970. Tribute to Vasco Tanner. 30: 205-206.
51. Hayward, C. Lynn. 1945. Biotic communities of the southern Wasatch and Uinta Mountains, Utah. 6: 1-124.
52. ----- . 1970. Vasco M. Tanner, with bibliography. 30: 181-189.  
Heringhi, H. L., see Nickerson, Max A., 1966.
53. Holomuzki, Joseph R. 1983. Predatory behavior of larval Ambystoma tigrinum nebulosum on Limnephilus (Trichoptera) larvae. 43: 475-476.
54. Hovingh, Peter. 1986. Biogeographic aspects of leeches, mollusks, and amphibians in the intermountain region. 46: 736-744.
55. -----, Bob Benton and Dave Bornholdt. 1985. Aquatic parameters and life history observations of the Great Basin spadefoot toad in Utah. 45: 22-30.  
Hovingh, Peter, see Worthylake, Kathleen Muriel, 1989.  
Hubert, Wayne A., see Anderson, Stanley H., Craig Patterson, Alan J. Redder and David Duvall, 1987.  
Hudson, W. F., see Bragg, Arthur N., 1951.  
Hungerford, C. Roger, see Germano, David J., 1981.
56. Kay, Fenton R. 1969. An albino Pacific treefrog, Hyla regilla, from Death Valley, California. 29: 111.
57. ----- . 1970. Leptotyphlops humulus in Death Valley, California. 30: 91-93.
58. ----- . 1970. Environmental responses of active lizards at Saratogo Springs, Death Valleu, California. 30: 146-165.  
Krogh, John E., see Tanner, Wilmer W., 1973.  
Larsen, John H., Jr., see Miller, Brian T., 1986.
59. Larsen, Kenneth. 1970. A fossil turtle from the Green River formation in Utah. 30: 13-15.
60. ----- and Wilmer W. Tanner. 1974. Numeric analysis of the lizard genus Sceloporus with special reference to cranial

- osteology. 34: 1-41.
61. ----- and ----- . 1975. Evolution of the sceloporine lizards (Iguanidae). 35: 1-20.  
Larsen, Kenneth R., see Smith, Hobart M., 1973, 1974a, 1974b.
62. Laurance, William F. and Timothy D. Reynolds. 1984. Confirmation and expansion of the reported distribution of two species of Idaho herptiles. 44: 313-316.  
Laurance, William F., see Reynolds, Timothy D., 1985.  
Lawhead, David N., see Germano, David J., 1986.  
Linder, Allan D., see Guyer, Craig, 1985.
63. Loomis, Richard B. 1964. A new species of chigger (Acarina, Trombiculidae) from lizards of western North America. 24: 13-17.  
Loveless, Earl C., see Roby, Carlos Y., 1977.  
Lowe, Charles H., see Tanner, Wilmer W., 1989.
- MacMahon, James A., see Andre, John B., 1980.
64. McMorris, J. Robert. 1970. Herpetological distribution and life history notes for Hawaii and western North America. 30: 106-107.  
Maser, Chris, see Whitaker, John O., Jr., Robert M. Storm and Joseph J. Beatty, 1986.
65. Medica, Philip A. and Rudolf G. Arndt. 1976. Opportunistic feeding in Sceloporus horridus from Jalisco, Mexico. 36: 108-110.
66. -----, ----- and James R. Dixon. 1975. Additional records of reptiles from Jalisco, Mexico. 35: 317-318.  
Medica, Philip A., see Smith, Donald D. and Sherburn R. Sanborn, 1987.  
Millard, Jere B., see Halford, Douglas K., 1978.
67. Miller, Brian T. and John H. Larsen, Jr. 1986. Feeding habits of metamorphosed Ambystoma tigrinum melanostictum in ponds of high pH (>9). 46: 299-301.
68. Miller, Wade E. 1976. Late Pleistocene vertebrates of the Silver Creek local fauna from northcentral Utah. 36: 387-424.
69. Morris, Ronald L. and Wilmer W. Tanner. 1969. The ecology of the western spotted frog, Rana pretiosa Baird and Girard. A life history study. 29: 45-81.
70. Mullen, David A. and Robert C. Stebbins. 1978. An addition to the amphibian fauna of California. 38: 429-437.  
Murphy, Robert W., see Ottley, John R. and Geoffrey V. Smith, 1980.
71. Nickerson, Max A. and H. L. Heringhi. 1966. Three noteworthy colubrids from southern Sonora, Mexico. 26:136-140.
72. \*Ottley, John R. 1978. A new subspecies of the snake Lichanura trivirgata from Cedros Islandm Mexico. 38: 411-416.
73. -----, Robert W. Murphy and Geoffrey V. Smith. 1980. The taxonomic status of the rosy boa Lichanura roseofusca (Serpentes: Boidae). 40: 59-62.



74. \*----- and Victor M. Velazques Solis. 1989. An extant indigenous tortoise population in Baja California Sur, Mexico, with the description of a new species of Xerobates (Testudines: Testudinidae). 49: 496-502.
75. \*----- and Wilmer W. Tanner. 1978. New range and new subspecies for the snake Eridiphas sleveni. 38: 406-410. Ottley, John R., see Tanner, Wilmer W., 1981.
76. Pack, Lloyd C., Jr. 1973. Notes on reproduction in Lampropeltis triangulum and Coluber constrictor in Utah. 33: 202.
77. \*----- and Wilmer W. Tanner. 1970. A taxonomic comparison of Uta stansburiana of the Great Basin and the upper Colorado River Basin in Utah, with a description of a new subspecies. 30: 71-90.  
Patterson, Craig, see Anderson, Stanley H., Wayne A. Hubert, Alan J. Redder and David Duvall, 1987.  
Payne, K. Ellsworth, see Ferguson, Denzel F. and Robert M. Storm, 1958.
78. Pearce, Richard C. and Wilmer W. Tanner. 1973. Helminths of Sceloporus lizards in the Great Basin and upper Colorado Plateau. 33: 1-18.
79. Pendlebury, George B. 1976. Second occurrence of the long-nosed snake, Rhinocheilus lecontei lecontei, in Idaho. 36:56.
80. Perez-Higareda, Gonzalo and Hobart M. Smith. 1988. Courtship behavior in Rhinoclemmys areolata from western Tabasco, Mexico (Testudines: Emydidae). 48: 263-266.  
Pimentel, Richard A., see Storm, Robert M., 1949.  
Porter, Richard D., see Atwood, N. Duane, Clyde L. Pritchett and Benjamin W. Wood, 1980.
81. \*Powers, Arnold L. and Benjamin H. Banta. 1974. Description of a new Phyllorhynchus from Cerralvo Island, Gulf of California, Mexico. 34: 241-244.  
Pritchett, Clyde L., see Atwood, N. Duane, Richard D. Porter and Benjamin W. Wood, 1980.
82. Rampton, Calvin L. 1970. Vasco M. Tanner--A public servant. 30: 195.  
Redder, Alan L., see Anderson, Stanley, H., Wayne H. Hubert, Craig Patterson and David Duvall, 1987.
83. Reynolds, Timothy D. 1979. Response of reptile populations to different land management practices on the Idaho National Engineering Laboratory site. 39: 255-262.
84. -----, John D. Connelly, Douglas K. Halford and W. John Arthur. 1986. Vertebrate fauna of the Idaho National Environmental Research Park. 46: 513-527.
84. ----- and William F. Laurance. 1985. Addendum to the distribution of two herptiles in Idaho. 45: 291-292.
85. ----- and Trent D. Stephens. 1984. Multiple ectopic limbs in a wild population of Hyla regilla. 44: 166-169.  
Reynolds, Timothy D., see Laurance, William F., 1984.  
Robison, W. Gerald, Jr., see Tanner, Wilmer W., 1959.
86. Roby, Carlos Y. and Earl C. Loveless. 1977. Range extension of Trionyx spiniferus emoryi into Utah

- (Reptilia). 37: 259.  
 Roueche, William L., see Webb, Robert G., 1971.
- Sanborn, Sherburn R., see Smith, Donald D. and Philip A. Medica, 1987.
- Sawin, H. Lewis, see Smith, Hobart M. and Rozella B. Smith, 1975.
87. Schultz, Vincent. 1965. References on Nevada Test Site ecological research. 26: 79-86.  
 Sites, Jack W., Jr., see Thompson, Pamela, 1986; Glenn, James L. and Richard C. Straight, 1990.  
 Smith, Charles C., see Bragg, Arthur N., 1942.
88. Smith, Donald D., Philip A. Medica and Sherburn R. Sanborn. 1987. Ecological comparison of sympatric populations of sand lizards (Cophosaurus texanus and Callisaurus draconoides). 47: 175-185.  
 Smith, Geoffrey Y., see Ottley, John R. and Robert W. Murphy, 1980.
89. Smith, Hobart M. 1971. Additions to the knowledge of the herpetofauna of Oaxaca, Mexico. 31: 138-139.
90. ----- . 1971. The snake genus Amastridium in Oaxaca, Mexico. 31: 254-255.
91. \*----- . 1972. The Sonoran subspecies of the lizard Ctenosaura hemilopha. 32: 104-111.
92. ----- . 1988. Rozella Pearl Beverly Blood Smith, 1911-1987. 48: 180-187.
93. \*----- and William P. Hall. 1974. Contributions to the concepts of reproductive cycles and the systematics of the scalaris group of the lizard genus Sceloporus. 34: 97-104.
94. ----- and Kenneth R. Larsen. 1973. The nominal snake genera Masticodryas Amaral, 1934, and Dryadophis Stuart, 1939. 33: 276.
95. ----- and ----- . 1974a. The generic name of North American musk turtles. 34: 42-44.
96. ----- and ----- . 1974b. The name of the Baja California cape wormsnake. 34: 94-96.
97. -----, Rozella B. Smith and Jean Guibe. 1975. The identity of Bocourt's lizard Eumeces capito 1879. 35: 109-112.
98. -----, ----- and H. Lewis Sawin. 1975. The authorship and date of publication of Siren intermedia (Amphibia: Caudata). 35: 100-102.  
 Smith, Hobart M., see Fawcett, James D., 1971a, 1971b; Feuer, Robert C., 1972; Dasmann, Merlene M., 1974; Waddick, James W., 1974; Perez-Higareda, Gonzalo, 1988.
99. Smith, Nathan M. 1974. Observation of voice in the western collared lizard Crotaphytus collaris bicinctores. 34:276.
100. \*----- and Wilmer W. Tanner. 1972. Two new subspecies of Crotaphytus (Sauria: Iguanidae). 32: 25-34.  
 Smith, Rozella B., see Smith, Hobart M. and H. Lewis Sawin, 1975; Smith, Hobart M. and Jean Guibe, 1975.
- Solis, Victor M. Velazques, see Ottley, John R., 1989.
101. Somma, Louis A. 1987. Reproduction of the prairie skink, Eumeces septentrionalis, in Nebraska. 47: 373-374.
102. ----- . 1987. Maternal care of neonates in the prairie skink, Eumeces septentrionalis. 47: 536-537.

103. ----- and Philip A. Cochran. 1989. Bibliography and subject index of the prairie skink, Eumeces septentrionalis (Baird) (Sauria: Scincidae). 49: 525-534.  
Stebbins, Robert C., see Mullen, David A., 1978.  
Stephens, Trent D., see Reynolds, Timothy D., 1984.
104. Storm, Robert M. and Richard A. Pimentel. 1949. Herpetological notes from Malheur County, Oregon. 9: 59-63.  
Storm, Robert M., see Ferguson, Denzel E. and K. Ellsworth Payne, 1958; Black, Jeffrey Howard, 1970; Whitaker, John O., Jr., Chris Maser and Joseph J. Beatty, 1986.  
Straight, Richard C., see Glenn, James L. and Jack W. Sites, Jr., 1990.
105. Sullivan, Brian K. 1985. Sexual selection and mating system variation in anuran amphibians of the Arizona-Sonora Desert. 45: 688-696.
106. ----- . 1986. Advertisement call variation in the Arizona treefrog, Hyla wrightorum Taylor, 1938. 46: 378-381.
107. ----- . 1990. Natural hybrid between the Great Plains toad (Bufo cognatus) and the red-spotted toad (Bufo punctatus) from central Arizona. 50: 371-372.
108. Tanner, Annie Atkin. 1970. "I do" included a zoo. 30:190-194.
109. Tanner, Vasco M. 1939. A study of the genus Scaphiopus. The spade-foot toads. 1: 3-23.
110. ----- . 1940. A chapter on the natural history of the Great Basin, 1800 to 1855 (1). 1: 33-61.
111. ----- . 1940. A biotic study of the Kaiparowits region of Utah. 1: 97-126.
112. ----- . 1942. Sheldon P. Hayes collects cold-blooded vertebrates in Arizona. 3: 59.
113. ----- . 1942. Notes on the birth and growth of horned lizards. 3: 60.
114. \*----- . 1948. Pacific island herpetology No. I, Mariana Islands-A new species of Typhlops. 9: 1-20.
115. ----- . 1949. Pacific island herpetology No. II, the Philippine Islands. 9: 25-39.
116. ----- . 1949. Amphibians and reptiles contributed to Brigham Young University by Owen Bryant. 9: 47-49.
117. ----- . 1949. Notes on the number, length, and weight of young garter snakes. 9: 51-54.
118. \*----- . 1950. Pacific island herpetology No. III. Morotai Island. 10: 1-30.
119. ----- . 1951. Pacific island herpetology No. IV. Admiralty Islands. 11: 1-10.
120. \*----- . 1951. Pacific islands herpetology, No. V, Guadalcanal, Solomon Islands. A checklist of species. 11: 53-86.
121. ----- . 1952. Pacific islands herpetology No. VI. Tahiti and Marquesas Islands, New Guinea and Australia. 12: 1-12.
122. ----- . 1953. Pacific islands herpetology No. VII, Ulu Langat, State of Selangor, Malay. 13: 1-7.



123. ----- . 1953. Pacific islands herpetology No. VIII, Korea. 13: 67-73.
124. ----- . 1957. Joseph Richard Slevin (1881-1957). 17: 56-58.
125. ----- . 1959. Carl Linnaeus' contributions and collections. 19: 27-35.
126. ----- . 1965. Angus Nunn Woodbury, 1886-1964. with bibliography. 25: 81-88.
127. ----- . 1971. A comprehensive index to the Great Basin Naturalist, Volumes 1-30 inclusive. 31: 1-34.
128. ----- and Wilmer W. Tanner. 1939. Notes on Charina bottae in Utah: Reproduction. 1: 27-30.  
Tanner, Vasco M., see Brown, Walter C., 1949.
129. Tanner, Wilmer W. 1940. Herpetological specimens added to the Brigham Young University vertebrate collection during 1939. 1: 138-146.
130. ----- . 1941. A study of the variation in the less common snakes of Utah. 2: 16-28.
131. ----- . 1941. The reptiles and amphibians of Idaho No. 1. 2: 87-97.
132. \*----- . 1943. Two new species of Hypsiglena from western North America. 4: 49-54.
133. ----- . 1943. Notes on the life history of Eumeces skiltonianus skiltonianus. 4: 81-88.
134. \*----- . 1944. A taxonomic study of the genus Hypsiglena. 5: 25-92.
135. \*----- . 1950. A new genus of plethodontid salamander from Mexico. 10: 37-44.
136. ----- . 1952. Diadophis regalis regalis (B. & G.) found in Nevada. 12: 63-64.
137. \*----- . 1953. A study of taxonomy and phylogeny of Lampropeltis pyromelana (Cope). 13: 47-66.
138. \*----- . 1955. A new Sceloporus magister from eastern Utah. 15: 32-34.
139. \*----- . 1957. Notes on a collection of amphibians and reptiles from southern Mexico, with a description of a new Hyla. 17: 52-56.
140. \*----- . 1957. A taxonomic and ecological study of the western skink (Eumeces skiltonianus). 17: 59-94.
141. \*----- . 1957. A new skink of the multivirgatus group from Chihuahua. 17: 111-117.
142. \*----- . 1958. Two new skinks from Durango, Mexico. 18: 57-62.
143. ----- . 1969. New records and distributional notes for reptiles of the Nevada Test Site. 29: 31-34.
144. ----- . 1970. A catalogue of the fish, amphibians, and reptile types in the Brigham Young University Museum of Natural History. 30: 219-226.
145. \*----- . 1981. A new Hypsiglena from Tiburon Island, Sonora, Mexico. 41: 139-142.
146. ----- . 1982. Herpetological notes from the Nevada Test Site. 42: 219-222.
147. ----- . 1984. Reptiles and amphibians of Idaho, No. 2. 44: 111-112.
148. \*----- . 1985. Snakes of western Chihuahua. 45: 615-676.



149. \*----- . 1987. Lizards and turtles of western Chihuahua. 47: 383-421.
150. \*----- . 1988. Status of Thamnophis sirtalis in Chihuahua, Mexico (Reptilia: Colubridae). 48: 499-507.
151. ----- . 1989. Amphibians of western Chihuahua. 49: 38-84.
152. ----- . 1989. Status of Spea stagnalis Cope (1875), Spea intermontanus Cope (1889), and a systematic review of Spea hammondi Baird (1839) (Amphibia: Anura). 49: 503-510.
153. ----- and David F. Avery. 1982. Buccal floor of reptiles, a summary. 273-349.
154. ----- and Benjamin H. Banta. 1962. The distribution of Tantilla utahensis Blanchard. 22: 116-118.
155. \*----- and ----- . 1963. The systematics of Crotaphytus wislizeni, the leopard lizards. Part I. A redescription of Crotaphytus wislizeni wislizeni Baird and Girard, and a description of a new subspecies from the upper Colorado River Basin. 23: 129-148.
156. ----- and ----- . 1966. A systematic review of the Great Basin reptiles in the collection of Brigham Young University and the University of Utah. 26: 87-135.
157. \*----- and ----- . 1977. The systematics of Crotaphytus wislizeni, the leopard lizards. Part III. The leopard lizards of the Great Basin and adjoining areas, with a description of a new subspecies from the Lahontan Basin. 37: 225-240.
158. \*----- and Arden H. Brame, Jr. 1961. Description of a new species of salamander from Panama. 21: 23-26.
159. ----- and Douglas C. Cox. 1981. Reproduction in the snake Lampropeltis pyromelana. 41: 314-316.
160. \*-----, James R. Dixon and Herbert S. Harris, Jr. 1972. A new subspecies of Crotalus lepidus from western Mexico. 32: 16-24.
161. -----, D. Lowell Fisher and Thomas J. Willis. 1971. Notes on the life history of Ambystoma tigrinum nebulosum Hallowell in Utah. 31: 213-222.
162. ----- and John E. Krogh. 1973. Ecology of Sceloporus magister at the Nevada Test Site, Nye County, Nevada. 33: 133-146.
163. \*----- and Charles H. Lowe. 1989. Variations in Thamnophis elegans with descriptions of new subspecies. 49: 511-516.
164. ----- and John R. Ottley. 1981. Reproduction in Hypsiglena. 41: 310.
165. \*----- and W. Gerald Robison, Jr. 1959. A collection of herptiles from Urique, Chihuahua. 19: 75-82.  
Tanner, Wilmer W., see Tanner, Vasco M., 1939; Banta, Benjamin H., 1964, 1968; Morris, Ronald L., 1969; Pack, Lloyd E., Jr., 1970; Avery, David F., 1979; Smith, Nathan N., 1972; Pearce, Richard C., 1973; Larsen, Kenneth R., 1974, 1975; Grogan, William L., 1974; Fanghella, Charles and David F. Avery, 1975; Cox, Douglas C., 1977, 1989; Ottley, John R., 1978.
166. Thompson, Pamela and Jack W. Sites, Jr. 1986. Two aberrant karyotypes in the sagebrush lizard (Sceloporus

- graciosus): Triploidy and a "supernumerary" oddity. 46: 224-227.
167. Tibbetts, Ted. 1954. Two new laelaplid snake mites from Korea. 14: 67-72.
168. Turner, Frederick B. and Roland H. Wauer. 1963. A survey of the herpetofauna of the Death Valley area. 23: 119-128.
169. Waddick, James W. and Hobart M. Smith. 1974. The significance of scale characters in evaluation of the lizard genera Gerrhonotus, Elgaria, and Barisia. 34: 257-266.
- Wallace, Richard L., see Diller, Lowell V., 1981.
- Wauer, Roland H., see Turner, Frederick B., 1963.
170. Webb, Robert G. and William L. Roueche. 1971. Life history aspects of the tiger salamander (Ambystoma tigrinum mavortium) in the Chihuahuan Desert. 31: 193-212.
171. Werschkul, David F. 1982. Species-habitat relationships in an Oregon cold desert lizard community. 42: 380-384.
172. Whitaker, John O., Jr., Chris Maser, Robert M. Storm and Joseph J. Beatty. 1986. Food habits of clouded salamanders (Aneides ferreus) in Curry County, Oregon (Amphibia: Caudata: Plethodontidae). 46: 228-240.
- Willis, Thomas J., see Tanner, Wilmer W. and D. Lowell Fisher, 1971.
- Wood, Benjamin W., see Atwood, N. Duane, Clyde L. Pritchett and Richard D. Porter, 1980.
173. Worthington, Richard D. and Edward R. Arvizo. 1973. Density, growth, and home range of the lizard Uta stansburiana stejnegeri in southern Dona Ana County, New Mexico. 33:124-128.
174. Worthylake, Kathleen Muriel and Peter Hovingh. 1989. Mass mortality of salamanders (Ambystoma tigrinum) by bacteria (Acinetobacter) in an oligotrophic seepage mountain lake. 49: 364-372.
175. Zug, G. R. 1969. Fossil chelonians, Chrysemys and Clemmys, from the Upper Pliocene of Idaho. 29: 82-87.

## SCIENTIFIC NAME INDEX

- Ablepharus 153.  
 Ablepharus boutonii metallicus 121.  
 Ablepharus boutonii poecilopleysus 121.  
 Abronia aurita 169.  
 Abronia bogerti 169.  
 Abronia deppei 169.  
 Abronia fimbriata 169.  
 Abronia fuscolabialis 169.  
 Abronia lythrochila 169.  
 Abronia matudai 169.  
 Abronia mixteca 169.  
 Abronia oaxaca 169.  
 Abronia ochoterenai 169.  
 Abronia reidi 169.  
 Abronia taeniata 169.  
 Abronia vasconcelosi 169.  
 Acanthodactylus 153.  
 Acanthophis 41; 153.  
 Achalinus 153.  
 Achrochordus 153.  
 Acontias 41; 153.  
 Acontophiops 153.  
 Acris crepitans 18; 20; 23.  
 Acris gryllus crepitand 18.  
 Acrochordus 41.  
 Acrochordus granulatus 115.  
 Adelphicus 153.  
 Agama 41.  
 Agama agama 153.  
 Agama agama lionotus 149.  
 Agama cornuta 149.  
 Agkistrodon blomhoffii brevicaudus 123.  
 Agkistrodon piscivorus 153.  
 Ahaetulla calligaster 120.  
 Ahaetulla calligaster calligaster 118.  
 Ahaetulla diplotropis 148.  
 Aipysurus 153.  
 Aipysurus laevis 41.  
 Alligator 41; 153.  
 Alopoglossus 153.  
 Amastridium sapperi 90.  
 Amastridium veliferum sapperi 90.  
 Amastridium veliferum veliferum 90.  
 Amblycephalus kuangtunensis 153.  
 Amblyrhynchus cristatus 37.  
 Amblyrhynchus 153.  
 Ambystoma annulatum 22.  
 Ambystoma fluvinatum 151.  
 Ambystoma macrodactylum 15; 40; 67; 70; 131.  
 Ambystoma maculatum 22; 67.  
 Ambystoma mexicanum 41.  
 Ambystoma opacum 22.  
 Ambystoma rosaceum nigrum 151.  
 Ambystoma rosaceum rosaceum 151.  
 Ambystoma rosaceum sonoraensis 151.  
 Ambystoma talpoideum 22.  
 Ambystoma texanum 22.  
 Ambystoma tigrinum 2; 31; 54; 84; 111; 129; 174.  
 Ambystoma tigrinum californiense 70.  
 Ambystoma tigrinum marvortium 20; 22.  
 Ambystoma tigrinum mavortium 17; 67; 70; 161; 170.  
 Ambystoma tigrinum melanostictum 62; 67; 70.  
 Ambystoma tigrinum nebulosum 4; 53; 62; 67; 79; 116; 131; 151; 161.  
 Ambystoma tigrinum slateri 131.  
 Ambystoma tigrinum tigrinum 22; 151.  
 Ambystoma tigrinum velasci 151.  
 Ameiva 41.  
 Ameiva tessellata 149.  
 Ameiva undulata parva 153.  
 Amphibolurus 153.  
 Amphibolurus barbatus 121.  
 Amphibolurus nobbi 166.  
 Amphisbaena 41; 153.  
 Amphisbaenia cornura 153.  
 Amphisbaenia kingi 153.  
 Amphiuma means tridactylum 22.  
 Amyda 153.  
 Anadia 153.  
 Anarbylus 75.  
 Andrias davidianus 30.  
 Aneides ferreus 172.  
 Anguis 41; 153.  
 Anguis platyrura 120.  
 Anguis 41.  
 Anilius 153.



- Anniella 153.  
 Anniella geronimensis 72.  
 Anniella pulchra 72.  
 Anolis 58; 60.  
 Anolis biporcatus 139.  
 Anolis carolinensis 116; 153.  
 Anolis compressicauda 139.  
 Anolis nebuloides 149; 165.  
 Anolis nebulosus 149; 165.  
 Anolius 41.  
 Anomalepis 159.  
 Anopsibaena 153.  
 Aparallactus 153.  
 Aphaniotis fusca 122.  
 Apneymona anguina 41.  
 Apostolepis 153.  
 Aristelliger 153.  
 Arizona elegans 168.  
 Arizona elegans candida 156.  
 Arizona elegans eburnata 156.  
 Arizona elegans elegans 148.  
 Arizona elegans exopolita 148.  
 Arizona elegans occidentalis 112; 130.  
 Arizona elegans philipi 4; 148.  
 Ascalabotes 41.  
 Ascaphus truei 15; 39; 40; 131.  
 Ascolabotes 153.  
 Aspidelaps 153.  
 Aspidites 153.  
 Aspis 153.  
 Atheris 153.  
 Atomarchus multimaculatus 148.  
 Atractaspis 153.  
 Atretium 153.  
 Axolotus pisciformis 41.  
 Azemiops 153.  
  
 Bachia 153.  
 Barbourula busuengensis 115.  
 Barisia 32; 153.  
 Barisia antauges 169.  
 Barisia gadovi levigata 89.  
 Barisia imbricata 169.  
 Barisia imbricatus 149.  
 Barisia levicollis 149.  
 Barisia lugoi 169.  
 Barisia modesta 169.  
 Barisia paucicarinatus 169.  
 Basiliscus 41; 153.  
 Batrachemys 153.  
 Batrachoseps 135.  
 Batrachoseps attenuatus attenuatus 116.  
 Batrachuperus mustersi 30.  
 Batrachylodes vertebralis 120.  
 Bipes 41; 153.  
 Bitis 153.  
 Blanus 153.  
 Boa 41.  
 Boa constrictor 153.  
 Boiga 153.  
 Boiga irregularis 120.  
 Boiga irregularis irregularis 118.  
 Bolitoglossa marmorea 144.  
 Bolitoglossa platydactylus 135.  
 Bombina bombina 115.  
 Bombina maxima 115.  
 Bombina orientalis 115; 123.  
 Bombina variegata 115.  
 Bothrops 153.  
 Bothrops mexicanus 139.  
 Brachylophus **brevicephalus** 5; 144; 153.  
 Brachylophus fasciatus 5; 37.  
 Brachylopus fasciatus 5.  
 Brachylopus faciatus 37.  
 Brachymeles bonitae 115.  
 Brachymeles burski 115.  
 Brooksesia 153.  
 Bufo 41; 134.  
 Bufo alvarius 42; 105; 107.  
 Bufo americanus 107.  
 Bufo americanus americanus 23.  
 Bufo boreas 2; 15; 54; 70; 107.  
 Bufo boreas boreas 14; 40; 104; 111; 129; 131.  
 Bufo bufo asiaticus 123.  
 Bufo californicus 151.  
 Bufo cognatus 4; 19; 20; 22; 23; 31; 54; 105; 107; 151.  
 Bufo columbiensis 151.  
 Bufo compactilis 23.  
 Bufo compactilis speciosus 20; 151.  
 Bufo debilis 105; 170.  
 Bufo debilis debilis 20.  
 Bufo debilis insidiosus 151.  
 Bufo dipternus 151.  
 Bufo frontosus 151.  
 Bufo horribilis 151.  
 Bufo insidiosus 23.  
 Bufo intermedius 151.



- Bufo marinus* 114; 120; 151.  
*Bufo mazatlanensis* 151.  
*Bufo mazatlanensis mazatlanensis* 165.  
*Bufo mazatlanensis nayaritensis* 165.  
*Bufo melanostictus* 122.  
*Bufo microscaphus* 54; 88; 105.  
*Bufo microscaphus mexicanus* 151.  
*Bufo nayaritensis* 144.  
*Bufo punctatus* 4; 20; 23; 54; 105; 107; 111; 151; 165; 168.  
*Bufo retiformis* 105.  
*Bufo simus* 151.  
*Bufo speciosus* 151.  
*Bufo terrestris americanus* 19; 22.  
*Bufo terrestris charlesmithi* 22.  
*Bufo valliceps* 139.  
*Bufo woodhousei* 2; 4; 40; 54; 105.  
*Bufo woodhousei australis* 151.  
*Bufo woodhousei microscaphus* 151.  
*Bufo woodhouseii woodhouseii* 17; 20; 104; 151.  
*Bufo woodhousii* 31; 111; 129.  
*Bufo woodhousii fowleri* 23.  
*Bufo woodhousii woodhousii* 19; 23.  
*Bungarus* 41; 153.  
  
*Cabrita* 153.  
*Caiman sclerops* 153.  
*Calabaria* 153.  
*Calamaria gervaisii gervaisii* 115.  
*Calliophis* 153.  
*Callisaurus* 7; 37; 60; 61; 78; 153.  
*Callisaurus carmenensis* 29.  
*Callisaurus crinitus* 29.  
*Callisaurus draconoides* 43; 58; 63; 88; 146.  
*Callisaurus draconoides brevipes* 29.  
*Callisaurus draconoides gabbii* 29; 168.  
*Callisaurus draconoides inusatatus* 29.  
  
*Callisaurus draconoides myurus* 29.  
*Callisaurus draconoides rhodostictus* 29; 156.  
*Callisaurus draconoides splendidus* 29.  
*Callisaurus draconoides ventralis* 29.  
*Callisaurus rhodostictus* 29.  
*Callisaurus ventralis* 157.  
*Callisaurus ventralis gabbii* 29.  
*Callisaurus ventralis inusitatus* 29.  
*Callisaurus ventralis myurus* 29.  
  
*Callopiastes* 153.  
*Calotes* 41; 153.  
*Calotes cristatellus* 122.  
*Calotes cristatellus moluccanus* 118.  
*Caretta* 153.  
*Carphophis* 153.  
*Catodon dugesii* 148.  
*Caudisona* 41.  
*Caudisona lepida* 148.  
*Caudisona scutulata* 148.  
*Causus* 153.  
*Cecilie* 41.  
*Celestus rozellae* 92.  
*Centropyx* 153.  
*Ceptodactylus* 85.  
*Cerastes* 41; 153.  
*Ceratobatrachus guentheri* 120.  
*Ceratophora* 153.  
*Cerberus* 153.  
*Cercosaura* 153.  
*Chalarodon* 153.  
*Chalarodon madagascarensis* 37.  
*Chalcides* 41.  
*Chalcides ocellatus* 153.  
*Chamaeleo* 153.  
*Chamaeleo chamaeleon* 41.  
*Chamaeleo parisiensium* 41.  
*Chamaeleolis* 153.  
*Chamaeleon brevicarnis* 153.  
*Chamaeleon brevicornis* 153.  
*Chamaeleon carcaratus* 153.  
*Chamaeleon namagyensis* 153.  
*Chameleon* 41.  
*Chamydosaurus* 153.  
*Charina* 132.

- Charina bottae 2; 15; 40; 84;  
 128; 129; 131; 153.  
 Charina bottae utahensis 156.  
 Chelodina 153.  
 Chelonia 41; 153.  
 Chelonura 41.  
 Chelus 153.  
 Chelydra serpentina 2; 41;  
 153.  
 Chelys 41.  
 Chersea vulgaris 41.  
 Chersodromus 153.  
 Chersydrus 153.  
 Chersydrus granulatus 120.  
 Chilopoma rufipunctatum 148.  
 Chilorhinophis 153.  
 Chilomeniscus 8.  
 Chionactis occipitalis  
 occipitalis 156; 168.  
 Chionactis occipitalis  
 talpina 146; 156.  
 Chiropterotriton 135.  
 Chiropterotriton abscondens  
 144.  
 Chiropterotriton arborea 144.  
 Chiropterotriton bromeliacia  
 144.  
 Chirotres 41.  
 Chlamydosaurus 153.  
 Chondropython 153.  
 Chrysemys 153.  
 Chrysemys floridana 175.  
 Chrysemys idahoensis 175.  
 Chrysemys picta 2; 31; 40;  
 58.  
 Chrysemys picta belli 4; 13;  
 149.  
 Chrysopelea 153.  
 Chrysopelea ornata 115.  
 Cistuda 41.  
 Cistudo 41.  
 Cistudo ornata 149.  
 Clelia 153.  
 Clemmys 153.  
 Clemmys insculpta 175.  
 Clemmys guttata 175.  
 Clemmys marmorata 15.  
 Clemmys marmorata marmorata  
 13; 175.  
 Clemmys muhlenbergi 175.  
 Clemmys owyheensis 175.  
 Cnemaspis 153.  
 Cnemidophorus 145.  
 Cnemidophorus burtti  
 stictogrammus 149.  
 Cnemidophorus costatus  
 barrancorum 149.  
 Cnemidophorus deppii deppii  
 139.  
 Cnemidophorus exsanguis 43;  
 149.  
 Cnemidophorus gularis 11.  
 Cnemidophorus gularis rauni  
 98.  
 Cnemidophorus gularis scalaris  
 149.  
 Cnemidophorus gularis  
 semiannulatus 98.  
 Cnemidophorus gularis  
 septemvittatus 149.  
 Cnemidophorus inornatus  
 arizonae 149.  
 Cnemidophorus inornatus  
 heptagrammus 149.  
 Cnemidophorus inornatus  
 paululus 149.  
 Cnemidophorus marmoratus  
 marmoratus 149.  
 Cnemidophorus marmoratus  
 pulcher 149.  
 Cnemidophorus marmoratus  
 reticuloriens 149.  
 Cnemidophorus neomexicanus  
 149.  
 Cnemidophorus perplexus 129.  
 Cnemidophorus sacki  
 barrancorum 165.  
 Cnemidophorus sacki  
 neomexicana 144.  
 Cnemidophorus sexlineatus  
 129.  
 Cnemidophorus sexlineatus  
 perplexus 4; 111; 116.  
 Cnemidophorus sonora 43;  
 171.  
 Cnemidophorus tessellatus 104;  
 149.  
 Cnemidophorus tessellatus  
 tessellatus 110.  
 Cnemidophorus tessellatus  
 tessellatus 111; 129; 131.  
 Cnemidophorus tigris 11; 15;  
 43; 44; 58; 63; 77; 88; 110;  
 153; 162; 171; 173.  
 Cnemidophorus tigris  
 marmoratus 149.  
 Cnemidophorus tigris pulcher  
 149.  
 Cnemidophorus tigris  
 septentrionalis 4.

- Cnemidophorus tigris tigris* 3; 4; 40; 146; 156; 168.  
*Cnemidophorus uniparens* 149.  
*Cnemidophorus velox* 4.  
 Cobra 41.  
*Coecilia* 41.  
*Coleonyx brevis* 149.  
*Coleonyx elegans nemoralis* 66.  
*Coleonyx variegatus* 45; 99; 153.  
*Coleonyx variegatus bogerti* 149.  
*Coleonyx variegatus utahensis* 144; 146; 156.  
*Coleonyx variegatus variegatus* 156; 168.  
*Coloptychon rhombifer* 169.  
*Coluber* 134; 153.  
*Coluber constrictor* 2; 15; 31; 84.  
*Coluber constrictor morman* 40; 76; 104; 129; 131; 156.  
*Coluber flagellum* 148.  
*Coluber flagellum frenatus* 129.  
*Coluber gramineus* 41.  
*Coluber haemachata* 41.  
*Coluber irregularis* 120.  
*Coluber morman* 110.  
*Coluber striolatus* 148.  
*Coluber subocularis* 148.  
*Coluber taeniatus girardi* 148.  
*Coluber taeniatus taeniatus* 104; 111; 129; 131.  
*Coluber triaspis* 148.  
*Coluber vernalis* 148.  
*Comastes ornata* 134.  
*Comastes quincunciatus* 134.  
*Conopsis* 153.  
*Coniophanes* 153.  
*Conolophus* 153.  
*Conolophus pallidus* 37.  
*Conophis* 153.  
*Conopsis nasus labialis* 144; 148.  
*Constrictor* 153.  
*Cophosaurus* 37; 153.  
*Cophosaurus texanus* 61; 88.  
*Cophosaurus texanus scitula* 29.  
*Cophosaurus texanus scitulus* 149.  
*Cophosaurus texanus texanus* 29.  
*Cophotis* 153.  
*Cordylus* 41; 153.  
*Coriudo* 41.  
*Cornufer corrugatus* 120.  
*Cornufer guppyi* 120.  
*Cornufer neckeri* 120.  
*Coronella* 153.  
*Corucia zebrata* 120.  
*Crocodylus* 41.  
*Crocodylus niloticus* 153.  
*Crocodylus porosus* 120.  
*Crotalus* 41.  
*Crotalus atrox* 1; 36; 148.  
*Crotalus basiliscus* 148.  
*Crotalus cerastes* 45; 168.  
*Crotalus cerastes cerastes* 156; 168.  
*Crotalus exsul* 8; 72.  
*Crotalus lannomi* 144.  
*Crotalus lepidus klauberi* 148; 160.  
*Crotalus lepidus lepidus* 148; 160.  
*Crotalus lepidus maculosus* 148; 160.  
*Crotalus lepidus maculosus* 145.  
*Crotalus lepidus morulus* 160.  
*Crotalus lepidus palmeri* 160.  
*Crotalus lepidus semicornutus* 160.  
*Crotalus mitchelli* 36; 88.  
*Crotalus mitchelli angelensis* 8.  
*Crotalus mitchelli stephensi* 156; 168.  
*Crotalus molossus molossus* 129; 148.  
*Crotalus molossus nigrescens* 148.  
*Crotalus pricei pricei* 148.  
*Crotalus scutulatus* 36; 45.  
*Crotalus scutulatus scutulatus* 148.  
*Crotalus semicornutus* 148.  
*Crotalus triseriatus* 148.  
*Crotalus viridis* 2; 31; 48; 77; 83; 84; 93; 173.  
*Crotalus viridis caliginis* 140.  
*Crotalus viridis concolor* 4.  
*Crotalus viridis decolor* 111; 129.  
*Crotalus viridis lutosus* 4; 15; 40; 104; 111; 129; 131; 140; 153; 156.



- Crotalus viridis nuntius* 4.  
*Crotalus viridis oreganus* 15;  
 40; 131; 134.  
*Crotalus viridis viridis* 21;  
 25; 112; 131; 148.  
*Crotalus willardi amabilis*  
 148.  
*Crotalus willardi obscurus*  
 98; 148.  
*Crotalus willardi silus* 148.  
*Crotaphopeltis* 153.  
*Crotaphytus* 37; 60; 78; 153.  
*Crotaphytus auriceps* 149.  
*Crotaphytus baileyi* 100.  
*Crotaphytus bicinctores* 171.  
*Crotaphytus collaris* 40; 63;  
 77; 155.  
*Crotaphytus collaris auriceps*  
 4; 100; 144; 149.  
*Crotaphytus collaris baileyi*  
 4; 100; 104; 111; 129; 131;  
 149; 156; 168.  
*Crotaphytus collaris*  
*bicinctores* 3; 4; 99; 100;  
 146; 157.  
*Crotaphytus collaris collaris*  
 100; 149.  
*Crotaphytus collaris*  
*dickersonae* 100; 149.  
*Crotaphytus collaris fuscus*  
 100; 149.  
*Crotaphytus collaris nebrius*  
 149.  
*Crotaphytus copeii* 8; 155.  
*Crotaphytus dickersonae* 100.  
*Crotaphytus fasciatus* 155.  
*Crotaphytus fasciolatus* 155.  
*Crotaphytus gambeli* 155.  
*Crotaphytus insularis* 44.  
*Crotaphytus insularis*  
*insularis* 100.  
*Crotaphytus insularis*  
*vestigium* 100.  
*Crotaphytus reticulatus* 155.  
*Crotaphytus silus* 155.  
*Crotaphytus wislizeni copei* 8;  
 157.  
*Crotaphytus wislizeni*  
*maculosus* 157.  
*Crotaphytus wislizeni*  
*neseotes* 8; 72; 157.  
*Crotaphytus wislizeni*  
*punctatus* 4; 144; 155; 157.  
*Crotaphytus wislizeni silus*  
 155; 157.
- Crotaphytus wislizenii* 40; 63;  
 77; 99; 104; 111; 129; 131;  
 146; 155; 156; 173.  
*Crotaphytus wislizenii*  
*wislizenii* 9; 149; 155; 157;  
 168.  
*Cryptobranchus alleganiensis*  
*alleganiensis* 30.  
*Cryptobranchus alleganiensis*  
*bishopi* 30.  
*Ctenosaura* 37.  
*Ctenosaura* 153.  
*Ctenosaura hemilopha* 165.  
*Ctenosaura hemilopha*  
*conspicua* 91.  
*Ctenosaura hemilopha hemilopha*  
 91.  
*Ctenosaura hemilopha insulana*  
 91.  
*Ctenosaura hemilopha*  
*interrupta* 91.  
*Ctenosaura hemilopha*  
*macrolopha* 91; 149.  
*Ctenosaura hemilopha*  
*nolascensis* 91.  
*Ctenosaura interrupta* 91.  
*Ctenosaura pectinata* 37; 91;  
 165.  
*Cuora* 153.  
*Cuora trifasciata* 95.  
*Custa* 41.  
*Cyclagras* 153.  
*Cyclura* 153.  
*Cyclura hemilopha* 91; 149.  
*Cyclura maccleyi* 37.  
*Cyclura nuchalis* 37.  
*Cylindrophis maculatus* 153.  
*Cylindrophis rufus* 153.
- Dactyloa nebulosa* 149.  
*Dasia smaragdinum perviridis*  
 119.  
*Dasia smaragdinum* 115.  
*Dasia smaragdinum moluccarum*  
 118.  
*Dasia smaragdinum perviri*  
 120.  
*Dasia smaragdinum*  
*philippinicum* 118.  
*Dasypeltis* 153.  
*Deirochelys* 153.  
*Demansia* 153.  
*Dendrobates auratus* 64.  
*Dendrophidion* 153.  
*Dendrophis calligaster* 120.



- Dendrophis salomonis* 120.  
*Dendrospis* 153.  
*Denisonia* 153.  
*Denisonia melanurus* 120.  
*Denisonia par* 120.  
*Denisonia woodfordii* 120.  
*Dermatemys mawi* 153.  
*Dermodochelys* 41; 153.  
*Dermodochelys coriacea* 41.  
*Desmognathus fuscus*  
*brimleyorum* 22.  
*Diadophis* 153.  
*Diadophis amabilis*  
*occidentalis* 131.  
*Diadophis punctatus arnyi* 21.  
*Diadophis punctatus dugesii*  
148.  
*Diadophis punctatus regalis*  
143; 148.  
*Diadophis regalis regalis* 129;  
130; 131; 136; 140; 156.  
*Dibamua* 153.  
*Dibamus* 153.  
*Dicamptodon* 70.  
*Dicamptodon eusatus* 131.  
*Dicrodon* 153.  
*Diemictylus viridescens*  
*louisianensis* 22.  
*Dipsadamorphus irregularis*  
120.  
*Dipsadamorphus* 153.  
*Dipsadotoa* 153.  
*Dipsas dimidiatus* 139.  
*Dipsosaurus* 60; 61; 78; 153.  
*Dipsosaurus dorsalis* 37; 45;  
58.  
*Dipsosaurus dorsalis dorsalis*  
143; 156; 168.  
*Discodeles bufoniformis* 120.  
*Discodeles guppyi* 120.  
*Dispholidus* 153.  
*Dogania* 153.  
*Doliophis* 153.  
*Dracaena* 41; 153.  
*Draco* 41; 153.  
*Draco bimaculatus* 115.  
*Draco melanopogon* 122.  
*Draco quinquefasciatus* 122.  
*Draco spilopterus* 115.  
*Drocoena* 41.  
*Dromophis* 153.  
*Dryadophis* 94.  
*Dryadophis cliftoni* 71.  
*Dryadophis fasciatus* 71.  
*Dryinus aeneus* 148.  
*Dryinus auratus* 148.  
*Drymarchon* 153.  
*Drymarchon corais rubidus*  
148; 165.  
*Drymobius* 153.  
*Dryophis* 153.  
  
*Echis* 153.  
*Echmatemys aegle* 59.  
*Echmatemys cyane* 59.  
*Echmatemys lativertebralis* 59.  
*Echmatemys ocyrrhoe* 59.  
*Echmatemys shaughnessiana* 59.  
*Echmatemys stevensoniana* 59.  
*Elaphe* 153.  
*Elaphe dione* 123; 167.  
*Elaphe erythrura* 115.  
*Elaphe guttata* 46.  
*Elaphe guttata emoryi* 148.  
*Elaphe rosaliae* 75.  
*Elaphe subocularis* 148.  
*Elaphe triaspis intermedia*  
148.  
*Elapomorphus* 153.  
*Elapops* 153.  
*Elaps* 41; 153.  
*Elaps distans* 148.  
*Elaps euryxanthus* 148.  
*Elapsoidea* 153.  
*Eleutherodactylus augusti*  
*cactorum* 151.  
*Eleutherodactylus*  
*tarahumaraensis* 148; 151.  
*Elgaria* 153.  
*Elgaria coerulea shastensis*  
169.  
*Elgaria kingii kingii* 149.  
*Elgaria scincicauda* 140.  
*Emoia atrocostata* 119.  
*Emoia baudinii baudinii* 119;  
121.  
*Emoia caeruleocauda* 119; 121.  
*Emoia caeruleocauda*  
*reimschiisseli* 118.  
*Emoia cyanogaster* 119; 120.  
*Emoia cyanura* 119; 120; 121.  
*Emoia flavigularis* 120.  
*Emoia iridescens* 119.  
*Emoia kordoana* 121.  
*Emoia kuekenthali* 118.  
*Emoia manni* 120.  
*Emoia mivarti* 119.  
*Emoia nigrum* 120.  
*Emoia sanfordi* 120.  
*Emoia sorex* 118.

- Emoia tropidolepis 121.  
 Emoia werneri 120.  
 Emoia whitneyi 120.  
 Emydoidea 175.  
 Emydura 153.  
 Emys 41; 153.  
 Emys bellii 149.  
 Engystoma olivaceum 151.  
 Enhydrus 153.  
 Ensatina exchscholtzii  
     xanthoptica 116.  
 Enulius 153.  
 Enyaliosaurus 153.  
 Enygrus 153.  
 Enygrus asper 120.  
 Enygrus australis 120.  
 Enygrus bibronii 120.  
 Enygrus carinatus 118; 120.  
 Eopelobates grandis 152.  
 Epicrates 153.  
 Erelophis asper 120.  
 Eremias argus 123.  
 Eretmochelys 153.  
 Eridiphas slevini **narcosensis**  
     75.  
 Erix 41.  
 Ernoia caernleacauda  
     reimachiiseli 144.  
 Erpeton 41.  
 Eryx 114; 153.  
 Eublepharis 153.  
 Eumeces 78.  
 Eumeces brevilineatus 149.  
 Eumeces brevirostris 151.  
 Eumeces brevirostris  
     **bilineatus** 142; 149.  
 Eumeces brevirostris indubitus  
     66.  
 Eumeces callicephalus 148;  
     149.  
 Eumeces capito 97.  
 Eumeces chinensis 97.  
 Eumeces coreensis 97.  
 Eumeces dugesii 142.  
 Eumeces elegans 97.  
 Eumeces fasciatus 97; 129.  
 Eumeces gaigei 140; 141.  
 Eumeces gilberti 88; 140; 153.  
 Eumeces gilberti rubricaudatus  
     156; 168.  
 Eumeces humilis 141; 149.  
 Eumeces indubitus 142.  
 Eumeces inexpectatus 97.  
 Eumeces lagunensis 140.  
 Eumeces lynxe 149.  
 Eumeces lynxe **durangoensis**  
     142.  
 Eumeces lynxe furcirostris  
     142.  
 Eumeces lynxe lynxe 142.  
 Eumeces **multilineatus** 141;  
     144; 149.  
 Eumeces multivirgatum 149.  
 Eumeces multivirgatus 140;  
     149.  
 Eumeces multivirgatus gaigei  
     46; 141.  
 Eumeces multivirgatus  
     mexicanus 149.  
 Eumeces multivirgatus  
     multivirgatus 141.  
 Eumeces multivirgatus taylori  
     141.  
 Eumeces niger 120.  
 Eumeces obsoletus 149.  
 Eumeces parviariculatus 141;  
     149.  
 Eumeces parvulus 141; 149.  
 Eumeces pekinensis 97.  
 Eumeces quadrilineatus 140.  
 Eumeces septentrionalis 101;  
     102.  
 Eumeces septentrionalis  
     obtusirostris 103.  
 Eumeces septentrionalis  
     pallidus 103.  
 Eumeces septentrionalis  
     septentrionalis 103.  
 Eumeces skiltonianus 15; 84;  
     104; 141; 147; 171.  
 Eumeces skiltonianus  
     amblygrammus 140.  
 Eumeces skiltonianus  
     **interparietalis** 140.  
 Eumeces skiltonianus  
     lagunensis 140.  
 Eumeces skiltonianus  
     skiltonianus 40; 129; 131;  
     133; 140.  
 Eumeces skiltonianus **utahensis**  
     4; 140; 144; 156.  
 Eumeces tamdaoensis 97.  
 Eumeces taylori 141.  
 Eumeces tetragrammus  
     brevilineatus 149.  
 Eumeces tetragrammus  
     callicephalus 149.  
 Eumeces tunganus 97.  
 Eumeces xanthi 97.  
 Eunectes 153.

- Eurepes smithii* 38.  
*Eurycea griseogaster* 22.  
*Eurycea longicauda melanopleura* 22.  
*Eurycea multiplicata* 22.  
*Eurycea tynerensis* 22.  
*Eutaenia angustirostris* 148.  
*Eutaenia cyrtopsis* 148.  
*Eutaenia dorsalis* 148; 150.  
*Eutaenia marciana* 148.  
*Eutaenia megalops* 148.  
*Eutaenia ornata* 148.
- Farancia* 153.  
*Ficimia* 153.  
*Ficimia cana* 148.  
*Fimbrios* 153.  
*Furina* 153.
- Gambelia wislizenii* 44; 84; 171.  
*Gambelia wislizenii wislizenii* 21; 149; 155.  
*Gastrophryne olivacea* 18; 151.  
*Gavial* 41.  
*Gaviala* 41.  
*Gavialis* 153.  
*Gavialis gangeticus* 41.  
*Gecko* 41.  
*Gecko frenatus* 115.  
*Gecko gecko* 115.  
*Gecko mutilata* 115.  
*Gehyra* 153.  
*Gehyra marginata* 118.  
*Gehyra mutilata* 64; 120; 121.  
*Gehyra oceanica* 118; 119; 120; 121.  
*Gehyra variegata* 58.  
*Gehyra vorax* 120.  
*Gekko* 153.  
*Gekko gecko* 122.  
*Gekko verticillatus* 122.  
*Gekko vittatus* 118; 120.  
*Geocalamus* 153.  
*Geochelone elegans* 153.  
*Geophis* 153.  
*Geophis aquilonaris* 148.  
*Geophis tarascae* 66.  
*Gerrhonotus* 78; 153.  
*Gerrhonotus cedroensis* 72.  
*Gerrhonotus coerrleus principis* 131.  
*Gerrhonotus coeruleus utahensis* 169.  
*Gerrhonotus imbricatus levicollis* 149.  
*Gerrhonotus kingii ferrugineus* 149.  
*Gerrhonotus kingii kingii* 149.  
*Gerrhonotus liocephalus austrinus* 139.  
*Gerrhonotus liocephalus infernalis* 169.  
*Gerrhonotus liocephalus liocephalus* 139.  
*Gerrhonotus liocephalus taylori* 149.  
*Gerrhonotus multicarinatus scincicauda* 129.  
*Gerrhonotus panamintinus* 168.  
*Gerrhosaurus* 153.  
*Glauconia* 153.  
*Glauconia boettgeri* 96.  
*Gonocephalus* 41.  
*Gonocephalus godeffroyi* 120.  
*Gonyocephalus borneensis* 122.  
*Gonyocephalus grandis* 122.  
*Gopherus agassizi* 12; 74; 153; 168.  
*Gopherus flavomarginatus* 74.  
*Gopherus polyphemus* 74.  
*Graptemys* 153.  
*Gyalopion canum* 148.  
*Gyalopion canus* 148.  
*Gymnodactylus* 153.  
*Gymnodactylus loriae* 120.  
*Gymnodactylus louisianensis* 120.  
*Gymnodactylus olivii* 120.  
*Gymnodactylus pelagicus* 118; 120.
- Haldea* 153.  
*Haplopeltura boa* 153.  
*Haptoglossa* 135.  
*Hardella* 153.  
*Helminthophis* 153.  
*Heloderma suspectum* 45; 153.  
*Heloderma suspectum cinctum* 144.  
*Hemachatus* 153.  
*Hemachatus haemachatus* 41.  
*Hemachatus vulgaris* 41.  
*Hemibungarus* 153.  
*Hemidactylus* 153.  
*Hemidactylus frenatus* 64; 114; 115; 118.  
*Hemidactylus garnetii* 121.  
*Hemidactylus garnoti* 64.



- Hemiphyllodactylus  
   leucostictus 121.  
 Heterodon 153.  
 Heterodon kennerlyi 148.  
 Heterodon nasicus 31.  
 Heterodon nasicus kennerlyi  
   148.  
 Heteronota binoei 121.  
 Heteropus luctuosus 119.  
 Holbrookia 37; 58; 60; 88.  
 Holbrookia approximans 149.  
 Holbrookia bunkerii 29.  
 Holbrookia dickersonae 29.  
 Holbrookia elegans elegans  
   29.  
 Holbrookia elegans thermophila  
   29.  
 Holbrookia lacerata 29.  
 Holbrookia lacerata  
   subcaudalis 29.  
 Holbrookia maculata 31; 43;  
   63; 149; 153.  
 Holbrookia maculata  
   approximans 4; 21; 29; 149.  
 Holbrookia maculata bunkerii  
   29; 149.  
 Holbrookia maculata campi 29.  
 Holbrookia maculata  
   dickersonae 29.  
 Holbrookia maculata flavilenta  
   29.  
 Holbrookia maculata lacerata  
   29.  
 Holbrookia maculata maculata  
   21; 29.  
 Holbrookia maculata perspicua  
   29.  
 Holbrookia maculata pulchra  
   29.  
 Holbrookia maculata ruthveni  
   29.  
 Holbrookia maculata  
   thermophila 29.  
 Holbrookia propinqua piperata  
   29.  
 Holbrookia propinqua propinqua  
   29.  
 Holbrookia propinqua stonei  
   29.  
 Holbrookia pulchra 29.  
 Holbrookia texana 29; 61.  
 Holbrookia texana scitula 29;  
   149.  
 Holbrookia thermophila 29.  
 Homalopsis 153.  
 Hoplocephalus elapoides 120.  
 Hoplocephalus melanurus 120.  
 Hoplocephalus par 120.  
 Hoplocephalus woodfordii 120.  
 Hurria 41.  
 Hydromedusa 153.  
 Hydrophis 41; 153.  
 Hydrophis cyanocintus 120.  
 Hydrophus auspisurus 41.  
 Hydrosaurus 153.  
 Hydrus 41.  
 Hydrus colubrinus 120.  
 Hydrus platura 120.  
 Hyla 41; 148.  
 Hyla affinis 151.  
 Hyla arenicolor 4; 54; 88;  
   111; 116; 129; 134; 151.  
 Hyla cinerea cinerea 18.  
 Hyla copii 151.  
 Hyla crucifer crucifer 18.  
 Hyla darlingi 139.  
 Hyla eximia 106.  
 Hyla eximia wrightorum 151.  
 Hyla gracilipes 151.  
 Hyla infrafrenata infrafrenata  
   118; 119.  
 Hyla lutea 120.  
 Hyla macrop 120.  
 Hyla **macrotypanum** 139.  
 Hyla regilla 15; 40; 54; 56;  
   70; 85; 104; 106. 131; 168.  
 Hyla rozellae 92.  
 Hyla solomonis 120.  
 Hyla thesaurensis 120.  
 Hyla versicolor versicolor  
   18; 19; 23.  
 Hyla wrightorum 106; 151.  
 Hynobius dunnii 30.  
 Hynobius keyserlingii 30.  
 Hynobius naevius 30.  
 Hynobius nebulosus 30.  
 Hynobius peropus 30.  
 Hynobius tsuensis 30.  
 Hyperodapedon 153.  
 Hypsiglena affinis 134.  
 Hypsiglena chlorophaea 134;  
   148.  
 Hypsiglena discolor 134.  
 Hypsiglena dunklei 134.  
 Hypsiglena latifasciata 134.  
 Hypsiglena **nuchalatus** 132;  
   134.  
 Hypsiglena ochrorhyncha 104;  
   148.



- Hypsiglena ochrorhyncha deserticola* 148.  
*Hypsiglena ochrorhyncha texana* 148.  
*Hypsiglena ochrorhyncha venusta* 148.  
*Hypsiglena ochrorhynchus* 129.  
*Hypsiglena ochrorhynchus chlorophaea* 134.  
*Hypsiglena ochrorhynchus deserticola* 134.  
*Hypsiglena ochrorhynchus janii* 134.  
*Hypsiglena ochrorhynchus klauberi* 134.  
*Hypsiglena ochrorhynchus lorealus* 134.  
*Hypsiglena ochrorhynchus nuchulatus* 134.  
*Hypsiglena ochrorhynchus ochrorhynchus* 131; 134.  
*Hypsiglena ochrorhynchus texana* 134.  
*Hypsiglena ochrorhynchus tortugaensis* 134.  
*Hypsiglena ochrorhynchus unaocularis* 134.  
*Hypsiglena ochrorhynchus venusta* 134.  
*Hypsiglena ornata* 134.  
*Hypsiglena slevini* 75; 132; 134.  
*Hypsiglena tanzeri* 145.  
*Hypsiglena texana* 134; 148.  
*Hypsiglena torquata* 15; 40; 62; 77; 84; 164; 165.  
*Hypsiglena torquata baueri* 72; 145.  
*Hypsiglena torquata catalinae* 144.  
*Hypsiglena torquata chlorophaea* 148.  
*Hypsiglena torquata deserticola* 4; 33; 140; 143; 144; 145; 148; 156; 168.  
*Hypsiglena torquata dunklei* 134.  
*Hypsiglena torquata klauberi* 148.  
*Hypsiglena torquata loreala* 4; 144.  
*Hypsiglena torquata nuchulata* 144; 145.  
*Hypsiglena torquata nuchalatus* 134.  
*Hypsiglena torquata ochrorhyncha* 148.  
*Hypsiglena torquata ochrorhynchus* 132; 134; 145.  
*Hypsiglena torquata tiburonensis* 145.  
*Hypsiglena torquata torquata* 134; 145; 148.  
*Hypsiglena torquata venusta* 134; 145; 148.  
*Hypsiglena torquatus* 134.  
*Hypsiglena venusta* 134.  
*Hypsirana heffernani* 120.  
  
*Ichthyophis youngorum* 144.  
*Iguana* 41; 153.  
*Iguana fasciata* 5.  
*Iguana iguana* 37.  
  
*Jguana* 41.  
  
*Kalophrynus stellatus* 115.  
*Kaloula borealis* 123.  
*Kaloula picta* 115.  
*Kerilia* 153.  
*Kinosternon* 153; 175.  
*Kinosternon flavescens flavescens* 149.  
*Kinosternon hirtipes murrayi* 149.  
*Kinosternon murrayi* 149.  
*Kinosternon sonorensis* 88.  
*Kinosternon sonoriensis* 149.  
*Kinosternon subrubrum* 95.  
  
*Lacerta* 153.  
*Lacerta dracaena* 41.  
*Lacerta dracoena* 41.  
*Lacerta gangetica* 41.  
*Lacerta orbicularis* 41; 149.  
*Lacerta scutata* 41.  
*Lacerta superciliosa* 41.  
*Lacerta teguexin* 41.  
*Lacerta teguixin* 41.  
*Lacertus* 41.  
*Lachesis* 153.  
*Lampropeltis* 153.  
*Lampropeltis doliata taylori* 140; 144; 156.  
*Lampropeltis doliata utahensis* 156.  
*Lampropeltis elapsoides* 137.  
*Lampropeltis getulus* 145.  
*Lampropeltis getulus boylii* 111; 129; 137.

- Lampropeltis getulus californiae* 4; 46; 150; 156; 168.  
*Lampropeltis getulus nigrita* 148.  
*Lampropeltis getulus splendida* 148.  
*Lampropeltis getulus splendidus* 148.  
*Lampropeltis knoblochi* 137; 148.  
*Lampropeltis mexicana* 137.  
*Lampropeltis pyromelana* 130.  
*Lampropeltis pyromelana infralabialis* 137; 144; 156; 159.  
*Lampropeltis pyromelana knoblochi* 137; 148.  
*Lampropeltis pyromelana pyromelana* 137; 148.  
*Lampropeltis pyromelana woodini* 137; 144.  
*Lampropeltis pyrrhomelaena* 148.  
*Lampropeltis pyrrhomelaena celaenops* 137.  
*Lampropeltis pyrrhomelaena multicincta* 137.  
*Lampropeltis pyrrhomelaena pyrrhomelaena* 137.  
*Lampropeltis ruthveni* 137.  
*Lampropeltis splendida* 148.  
*Lampropeltis thayeri* 137.  
*Lampropeltis triangulum* 2; 31.  
*Lampropeltis triangulum annulata* 137.  
*Lampropeltis triangulum arcifera* 137.  
*Lampropeltis triangulum gentilis* 129; 130; 137.  
*Lampropeltis triangulum nelsoni* 137; 148.  
*Lampropeltis triangulum polyzona* 137.  
*Lampropeltis triangulum sinaloae* 148.  
*Lampropeltis triangulum taylori* 46; 76.  
*Lampropeltis zonata multicincta* 137.  
*Lampropholis smithii* 38.  
*Langaha nasuta* 41.  
*Langaia nasuta* 41.  
*Lanthanotus borneensis* 153.  
*Lapemis* 153.  
*Laticauda* 153.  
*Laticauda colubrina* 120.  
*Leiolepis* 153.  
*Leiolepisma* 38.  
*Leiolipisma* 38.  
*Leiolopisma anolis* 120.  
*Leiolopisma eunice* 38.  
*Leiolopisma fuscum fuscum* 118.  
*Leiolopisma fuscum luctuosum* 119.  
*Leiolopisma novaeguineae* 118.  
*Leiolopisma smithi* 38.  
*Leiopelma archeyi* 39.  
*Leiopelma hamiltoni* 39.  
*Leiopelma hochstetteri* 39.  
*Leiosaurus hallowellii* 155.  
*Lepidodactylus guppyi* 24; 120.  
*Lepidodactylus lugubris* 24; 64; 114; 118; 120; 121.  
*Lepidodactylus woodfordii* 120.  
*Leptodeira* 75; 134; 153.  
*Leptodeira annulata* 134.  
*Leptodeira annulata polysicta* 139.  
*Leptodeira bressoni* 134.  
*Leptodeira discolor* 134.  
*Leptodeira ehippiata* 148.  
*Leptodeira eppipitiata* 134.  
*Leptodeira guilleni* 134.  
*Leptodeira latifasciata* 134.  
*Leptodeira maculata* 134; 139.  
*Leptodeira mystacina* 134.  
*Leptodeira nigrofasciata* 134.  
*Leptodeira pacidicia* 134.  
*Leptodeira smithi* 134.  
*Leptodeira splendida* 134.  
*Leptodeira splendida ehippiata* 148.  
*Leptodeira torquata ochrorhynchus* 134.  
*Leptodeira torquata torquata* 134.  
*Leptodeira torquata venusta* 134.  
*Leptodeira torquatus* 134.  
*Leptognathus* 153.  
*Leptomicrurus* 153.  
*Leptophis* 153.  
*Leptophis diplotropis diplotropis* 148.  
*Leptosternon* 153.  
*Leptotyphlops* 153.

- Leptotyphlops albifrons 148.  
 Leptotyphlops dulcis dissectus 148.  
 Leptotyphlops dulcis dulcis 148.  
 Leptotyphlops dulcis **supraocularis** 148.  
 Leptotyphlops humilis boettgeri 96.  
 Leptotyphlops humilis cahuila 57; 96.  
 Leptotyphlops humilis **chihuahuaensis** 148.  
 Leptotyphlops humilis dugesi 96; 148.  
 Leptotyphlops humilis humilis 57; 96; 143; 168.  
 Leptotyphlops humilis levitoni 148.  
 Leptotyphlops humilis lindsayi 148.  
 Leptotyphlops humilis segregus 148.  
 Leptotyphlops humilis slevini 96.  
 Leptotyphlops humilis tenuiculus 148.  
 Leptotyphlops humilis utahensis 114; 143; 144.  
 Leptotyphlops labialis 96.  
 Leptotyphlops latifrons 96.  
 Leptotyphlops scutifrons 96.  
 Lialis burtonis 121.  
 Liasis 153.  
 Lichanura 75.  
 Lichanura roseofusca 153.  
 Lichanura roseofusca gracia 72; 73; 168.  
 Lichanura roseofusca roseofusca 72.  
 Lichanura roseofusca trivirgata 72.  
 Lichanura trivirgata **bostici** 72; 73.  
 Lichanura trivirgata roseofusca 73.  
 Lichanura trivirgata trivirgata 73.  
**Lineatriton** 135; 148.  
 Lineatriton lineola 135.  
 Liolaemus 153.  
 Liolaemus multiformis 58.  
 Liolepisma smithii 38.  
 Liolopisma smithii 38.  
 Liopelma 39.  
 Liophis janii 134.  
 Liotyphlops 153.  
 Lipinia anolis 120.  
 Lissemys 153.  
 Lophura godeffroyi 120.  
 Lophura weberi 118.  
 Lophurus scutata 41.  
 Lophyrus 41.  
 Loxocemus 153.  
 Luperosaurus compresicorpus 24.  
 Luperosaurus macgregori 24.  
 Lycodon aulicus 115.  
 Lygosoma 153.  
 Lygosoma acutus schodei 118.  
 Lygosoma anolis 120.  
 Lygosoma bignelli 120.  
 Lygosoma concinnatum 120.  
 Lygosoma consobrinum consobrinum 118.  
 Lygosoma cranei 120.  
 Lygosoma cyanogaster 120.  
 Lygosoma cyanurum 118; 120.  
 Lygosoma fasciolatus fasciolatus 121.  
 Lygosoma fuscum 121.  
 Lygosoma fuscum fuscum 118.  
 Lygosoma fuscum luctuosum 119; 121.  
 Lygosoma jagovii palustris 115.  
 Lygosoma metallicum 64.  
 Lygosoma minutum 118.  
 Lygosoma miotis 121.  
 Lygosoma nigrum 120.  
 Lygosoma noctua 120.  
 Lygosoma noctua noctua 64; 118; 121.  
 Lygosoma novaeguineae 118.  
 Lygosoma peronnii 121.  
 Lygosoma smithii 38.  
 Lygosoma solomonis 120.  
 Lygosoma solomonis brevipes 118.  
 Lygosoma solomonis schodei 121.  
 Lygosoma striato-fasciatum 120.  
 Lygosoma taylori 120.  
 Lygosoma tenuis brachysoma 121.  
 Lygosoma trilineata 121.  
 Lygosoma variegatus jobiense 118.



- Lygosoma variegatum stickeli* 121.  
*Lygosoma vittigerum* 122.  
*Lygosoma weneri* 120.  
*Lygosoma wolffi* 120.  
*Lygosoma woodfordi* 120.  
*Lygosomella aestuosa* 38.  
*Lyriocephalus* 41; 153.  
*Lyssoptychus* 37; 149.  
*Lyssoptychus lateralis* 61.
- Mabuya* 153.  
*Mabuya multifasciata multifasciata* 118.  
*Mabuya multifasciatus multifasciatus* 118.  
*Mabuyia multifasciata multifasciata* 115.  
*Macrochelys* 153.  
*Magnadigita cerroensis* 158.  
*Magnadigita marmorea* 158.  
*Magnadigita pesrubra* 158.  
*Magnadigita subpalmata* 158.  
*Magnadigita torresi* 158.  
*Malachemys* 153.  
*Malaclemys* 153.  
*Malaclemys geographica* 175.  
*Manolepis* 153.  
*Masticophis* 153.  
*Masticophis bilineatus* 88.  
*Masticophis flagellum* 168; 173.  
*Masticophis flagellum cingulum* 148.  
*Masticophis flagellum lineatulus* 148.  
*Masticophis flagellum piceus* 148; 156.  
*Masticophis flagellum testaceus* 148.  
*Masticophis mentovarium striolatus* 148.  
*Masticophis ornatus* 148.  
*Masticophis striolatus striolatus* 148.  
*Masticophis taeniatus* 15; 40; 44; 84.  
*Masticophis taeniatus girardi* 148.  
*Masticophis taeniatus ornatus* 148.  
*Masticophis taeniatus taeniatus* 4; 143; 156; 168.  
*Masticodryas danieli* 94.  
*Mastigura spinipes* 41.
- Maticora* 153.  
*Megalobatrachus japonicus* 30.  
*Megalophrys nasuta* 122.  
*Mehelya* 153.  
*Microhyla carolinensis* 18.  
*Microhyla carolinensis carolinensis* 19.  
*Microhyla carolinensis olivacea* 19; 20; 22.  
*Microhyla olivacea* 18; 23; 151.  
*Micropechis elapoides* 120.  
*Micruroides* 153.  
*Micruroides euryxanthus* 112.  
*Micruroides euryxanthus australis* 148.  
*Micruroides euryxanthus euryxanthus* 148.  
*Micrurus* 153.  
*Micrurus diastema distans* 148.  
*Micrurus distans distans* 148.  
*Micrurus distans zweifeli* 148.  
*Mocoa smithii* 38.  
*Mocoa zeylandica* 38.  
*Monitor* 41.  
*Monopeltis* 153.  
*Monopeltis* 153.
- Naja* 41; 153.  
*Naja naja samarensis* 115.  
*Nardoana* 153.  
*Natrix* 41.  
*Natrix angustirostris* 148.  
*Natrix piscator* 153.  
*Natrix spilogaster* 115.  
*Natrix tigrina lateralis* 123; 167.  
*Necturus* 30; 70.  
*Necturus maculosus maculosus* 22.  
*Nerodia cycloprion* 153.  
*Nerodia harteri* 148.  
*Nessia* 153.  
*Neusticurus* 153.  
*Ninia* 153.  
*Ninia sebae sebae* 139.  
*Norbea isolata* 38.  
*Notechis* 153.  
*Nothopsis* 153.  
*Notophthalmus viridescens* 70.
- Oedipina alfaroi* 135.  
*Oedipina collaris* 135.

- Oedipina complex* 135.  
*Oedipina elongatus* 135.  
*Oedipina lineola* 135.  
*Oedipina parvipes* 135.  
*Oedipina serpens* 135.  
*Oedipina syndactyla* 135.  
*Oedipina uniformis* 135.  
*Oedipus* 135.  
*Oedopinola* 135.  
*Oedura* 153.  
*Oedura lesueurii* 121.  
*Ogmodon* 153.  
*Onychodactylus japonicus* 30.  
*Opheodrys* 153.  
*Opheodrys aestivus* 129.  
*Opheodrys varnalis* 129; 149.  
*Opheodrys vernalis* 129.  
*Opheodrys vernalis blanchardi* 148; 156.  
*Ophibolus pyromelana* 148.  
*Ophibolus pyromenlamus* 137.  
*Ophibolus splendidus* 148.  
*Ophichelone* 41.  
*Ophiomorus* 153.  
*Ophiophagus* 153.  
*Ophiosaurus* 153.  
*Ophisaurus* 41; 153.  
*Ophisops* 153.  
*Oplurus* 153.  
*Oplurus sebae* 37.  
*Otocryptis* 153.  
*Oxybelis* 153.  
*Oxybelis aeneus auratus* 148.  
*Oxybelis potosiensis* 148.  
*Oxyglossus laevis* 115.  
*Oxyrhabdium* 153.
- Pachymedusa dacnicolor* 151.  
*Palmatogecko* 153.  
*Palmarorappia solomonis* 120.  
*Palmatotriton* 98.  
*Parapistocalamus hedigeri* 120.  
*Parvimolge* 135.  
*Pediporus blanchardi* 120.  
*Pediporus schmidti* 120.  
*Pelamis* 41; 153.  
*Pelamydrus platurus* 120.  
*Pelusios* 153.  
*Pelusios subniger* 95.  
*Pentodactylus* 153.  
*Petrosaurus* 37; 60; 61.  
*Pholodobolus* 153.  
*Phrynocephalus* 29; 153.  
*Phrynosoma* 29; 32; 37; 41; 58; 60; 61.  
*Phrynosoma asio* 139.  
*Phrynosoma cerroense* 72.  
*Phrynosoma cornutum* 21; 47; 149; 173.  
*Phrynosoma douglassii* 2; 31; 40; 44; 47; 48; 83; 84; 110; 149; 171.  
*Phrynosoma douglassii brachycercus* 149.  
*Phrynosoma douglassii hernandesi* 4; 21; 129; 149; 156.  
*Phrynosoma douglassii ornatissimum* 21; 104; 111; 129; 131.  
*Phrynosoma douglassii ornatum* 129; 113; 131; 156.  
*Phrynosoma modestum* 149.  
*Phrynosoma orbiculare bradti* 149.  
*Phrynosoma orbiculare durangoensis* 149.  
*Phrynosoma orbiculare orbiculare* 149; 165.  
*Phrynosoma platyrhinos* 15; 44; 46; 63; 78; 110; 129; 131; 146; 153; 171.  
*Phrynosoma platyrhinos calidiarum* 4; 168.  
*Phrynosoma platyrhinos platyrhinos* 40; 104; 156.  
*Phrynosoma solare* 47.  
*Phyllodactylus* 153.  
*Phyllodactylus muralis muralis* 144.  
*Phyllodactylus tuberculosus saxatilis* 144; 149.  
*Phyllorhynchus arenicola* 81.  
*Phyllorhynchus browni browni* 81.  
*Phyllorhynchus browni lucidus* 81.  
*Phyllorhynchus decurtatus* 45.  
*Phyllorhynchus decurtatus decurtatus* 81.  
*Phyllorhynchus decurtatus norrisi* 81.  
*Phyllorhynchus decurtatus nubilis* 81.  
*Phyllorhynchus decurtatus perkinsi* 81; 143; 156; 168.  
*Phyllorhynchus decurtatus porelli* 81.  
*Phymatolepis* 61.

- Phymatolepsis 37.  
 Physignathus 37; 153.  
 Piceoerpeton 30.  
 Pipa 41.  
 Pituophis 132.  
 Pituophis catenifer 31.  
 Pituophis catenifer  
   deserticola 40; 104; 111;  
   129; 130; 131; 156; 168.  
 Pituophis catenifer stejnegeri  
   156.  
 Pituophis melanoleucus 15; 48;  
   83; 84.  
 Pituophis melanoleucus affinis  
   148.  
 Pituophis melanoleucus  
   deserticola 4; 153.  
 Pituophis melanoleucus  
   insulanus 72.  
 Pituophis melanoleucus sayi 2.  
 Pityophis affinis 148.  
 Pityophis intermedius 148.  
 Platurus 41.  
 Platurus colubrinus 120.  
 Platydactylus 114; 153.  
 Platymantis corrugatus  
   papuensis 119.  
 Platymantis myersi 120.  
 Platymantis papuensis weberi  
   119; 120.  
 Platymantis solomonis 120.  
 Platyplectrurus 153.  
 Platysternon 153.  
 Platythyra flavescens 149.  
 Platyurus platyurus 122.  
 Plectrurus 153.  
 Plestidon skiltonianum 140.  
 Plestidon skiltonianus 140.  
 Plestiodon lagunensis 140.  
 Plestiodon obsoletum 149.  
 Plestiodon skiltonianus  
   lagunensis 140.  
 Plethodon cinereus  
   anausticlavius 22.  
 Plethodon cinereus serratus  
   22.  
 Plethodon glutinosus  
   glutinosus 22.  
 Plethodon idahoensis 131.  
 Plethodon ouachitae 22.  
 Plioceros elapsoides  
   elapsoides 139.  
 Podocnemis 153.  
 Polychrus 41; 153.  
 Polyodontophis 153.  
 Prionodactylus 153.  
 Proteus anguinus 41.  
 Pructoporus 153.  
 Psamnodynastes 153.  
 Pseudacris clarkii 18; 19;  
   20; 22; 23.  
 Pseudacris nigrita 18; 40.  
 Pseudacris nigrita triseriata  
   20; 69; 129; 131.  
 Pseudacris ornata 23.  
 Pseudacris streckeri 18; 19;  
   22; 23.  
 Pseudacris triseriata 2; 17;  
   18; 22; 23; 31; 54; 111.  
 Pseudechis 153.  
 Pseudelaps 153.  
 Pseudemys idahoensis 175.  
 Pseudemys scripta 74; 153.  
 Pseudoboa 41.  
 Pseudocerastes 153.  
 Pseudodipsas 134.  
 Pseudodipsas fallax 134.  
 Pseudoeurycea 135.  
 Pseudoeurycea belli  
   sierraoccidentalis 151.  
 Pseudoeurycea smithi 144.  
 Pseudogecko compresicorpus  
   24; 120.  
 Pseudogecko **shebae** 24; 120;  
   144.  
 Pseudoleptodeira discolor  
   134.  
 Pseudoleptodeira latifasciata  
   134.  
 Pseudoleptodeira ornata 134.  
 Pseudopus 153.  
 Pseudothecadactylus 24.  
 Ptychohyla euthysanota  
   euthysanota 92.  
 Ptychozoon 153.  
 Pygopus 153.  
 Python 41.  
 Python sebae 153.  
 Rana 19; 41.  
 Rana aerolata aerolata 23.  
 Rana aurora aurora 129.  
 Rana boyllii 151.  
 Rana boyllii boyllii 129.  
 Rana brachycephala 17; 22.  
 Rana catesbeiana 15; 22; 20;  
   23; 31; 40; 85; 131; 151;  
   168.  
 Rana clamitans 22; 68.  
 Rana esculenta ridibunda 85.



- Rana fisheri* 54.  
*Rana holbrookii* 109.  
*Rana japonica* 123.  
*Rana kreffti* 120.  
*Rana kuhli* 122.  
*Rana leytensis* 115.  
*Rana luteiventris* 69.  
*Rana marina* 151.  
*Rana moodiei* 115.  
*Rana nigromaculata* 123.  
*Rana onca* 54.  
*Rana papua novaebritanniae*  
 120.  
*Rana papua papua* 118; 120.  
*Rana pipiens* 2; 31; 54; 68;  
 84; 104; 111; 129; 131; 151;  
 165.  
*Rana pipiens berlandieri* 20.  
*Rana pipiens brachycephala* 4;  
 20; 40; 69.  
*Rana pipiens pipiens* 17.  
*Rana pretiosa* 15; 54.  
*Rana pretiosa luteiventris*  
 40; 69.  
*Rana pretiosa pretiosa* 69;  
 129.  
*Rana sphenoccephala* 17; 23.  
*Rana sylvatica* 174.  
*Rana sylvatica cantabrigensis*  
 116.  
*Rana tarahumarae* 151.  
*Rana vittigera* 115.  
*Ranodon sibericus* 30.  
*Rhacophorus leucomystax* 115.  
*Rhadinaea* 153.  
*Rhadinaea hesperia*  
*hesperioides* 148.  
*Rhadinella* 153.  
*Rhadinella schistosa* 89.  
*Rhineura* 153.  
*Rhinocheilus* 153.  
*Rhinocheilus lecontei* 129;  
 130; 131.  
*Rhinocheilus lecontei clarus*  
 168.  
*Rhinocheilus lecontei lecontei*  
 4; 33; 46; 79; 156.  
*Rhinocheilus lecontei*  
*tessellatus* 148.  
*Rhinoclemmys areolata* 80.  
*Rhinoclemmys funerea* 80.  
*Rhinoclemmys pulcherrima*  
*incisa* 80.  
*Rhinophis* 153.  
*Riopa* 153.  
*Riopa albofasciolata* 120.  
*Riopa mentovarium* 118.  
*Salamandra* 41.  
*Salvadora* 153.  
*Salvadora bairdi* 148.  
*Salvadora deserticola* 148.  
*Salvadora grahamiae bairdi*  
 148.  
*Salvadora grahamiae grahamiae*  
 148.  
*Salvadora grahamiae hexalepis*  
 112; 129; 130.  
*Salvadora hexalepis*  
*deserticola* 148.  
*Salvadora hexalepis hexalepis*  
 168.  
*Salvadora hexalepis mojavensis*  
 4; 144; 156.  
*Sanzinia* 153.  
*Sator* 37.  
*Sator grandaevus* 61.  
*Sauromalus* 61; 78.  
*Sauromalus obesus* 46; 77; 88;  
 111; 129; 153.  
*Sauromalus obesus*  
*multiforaminatus* 4; 37; 144.  
*Sauromalus obesus obesus* 146;  
 156; 168.  
*Sauromalus varius* 8.  
*Scaphiophis* 153.  
*Scaphiopus bombifrons* 2; 17;  
 19; 20; 23; 105; 109.  
*Scaphiopus couchii* 20; 23;  
 105; 107; 109; 151; 152.  
*Scaphiopus hammondii* 4; 15;  
 17; 20; 23; 40; 109; 131;  
 151; 170.  
*Scaphiopus hammondii hammondii*  
 116.  
*Scaphiopus hammondii*  
*multiplicatus* 151.  
*Scaphiopus holbrookii* 151.  
*Scaphiopus holbrookii albus*  
 109.  
*Scaphiopus hurterii* 19; 23;  
 109; 151.  
*Scaphiopus intermontanus* 4;  
 48; 54; 55; 109; 111; 129;  
 131.  
*Scaphiopus multiplicatus* 105.  
*Scaphiopus solitarius* 109.  
*Scaptochelys agassizii* 74.  
*Scaptochelys berlandieri* 74.  
*Sceloparus* 134.

- Sceloporus 134.  
 Sceloporus 29; 128; 159.  
 Sceloporus acanthinus 60; 61.  
 Sceloporus aeneus 61.  
 Sceloporus aeneus aeneus 60;  
 93.  
 Sceloporus aeneus bicanthalis  
 93.  
 Sceloporus aeneus slevini 93.  
 Sceloporus aeneus subniger  
 93.  
 Sceloporus asper 60; 61.  
 Sceloporus bicanthalis 93.  
 Sceloporus boulengeri 162.  
 Sceloporus bulleri 60; 61.  
 Sceloporus carinatus 60; 61.  
 Sceloporus cautus 60; 61.  
 Sceloporus chrysostictus 60;  
 61.  
 Sceloporus clarki boulengeri  
 149; 165.  
 Sceloporus clarki **uriquensis**  
 144; 149; 165.  
 Sceloporus clarkii 61; 162.  
 Sceloporus clarkii clarkii  
 60; 149; 165.  
 Sceloporus consobrinus 149.  
 Sceloporus couchi 60; 61;  
 149.  
 Sceloporus cozumelae 60; 61.  
 Sceloporus cryptus 32; 60;  
 61.  
 Sceloporus cyanogenys 60; 61.  
 Sceloporus disparilis 149.  
 Sceloporus dugesi 61.  
 Sceloporus dugesi dugesi 60.  
 Sceloporus edwardtaylori 60;  
 61.  
 Sceloporus exsul 60.  
 Sceloporus formosus formosus  
 60.  
 Sceloporus formosus  
 malachiticus 60; 61.  
 Sceloporus gadoviae 60; 61;  
 149.  
 Sceloporus goldmani 60; 61;  
 93.  
 Sceloporus graciosus 2; 15;  
 44; 47; 48; 61; 77; 78; 83;  
 84; 110; 162; 166; 171.  
 Sceloporus graciosus gracilis  
 65; 129; 168.  
 Sceloporus graciosus graciosus  
 4; 21; 40; 60; 65; 104; 111;  
 116; 129; 130; 131; 143;  
 156.  
 Sceloporus grammicus 61; 166.  
 Sceloporus grammicus  
 disparilis 60; 149.  
 Sceloporus grammicus  
 microlepidotus 60.  
 Sceloporus heterolepsis 60;  
 61.  
 Sceloporus horridus 61; 65;  
 162.  
 Sceloporus horridus  
 albiventris 149; 165.  
 Sceloporus horridus horridus  
 60.  
 Sceloporus insignis 60; 61.  
 Sceloporus jalapae 60; 61.  
 Sceloporus jarrovii 61; 149.  
 Sceloporus jarrovii jarrovii  
 60; 149.  
 Sceloporus jarrovi jarrovi  
 64.  
 Sceloporus lineolateralis 60;  
 61.  
 Sceloporus lunaei 60; 61.  
 Sceloporus lundelli 61.  
 Sceloporus lundelli lundelli  
 60.  
 Sceloporus macdougalli 60; 61.  
 Sceloporus maculosus 60; 61.  
 Sceloporus magister 7; 43; 47;  
 61; 63; 65; 77; 78; 88; 111;  
 129; 143; 153; 157; 162;  
 168.  
 Sceloporus magister  
 bimaculosus 138; 149.  
 Sceloporus magister  
**cephaloflavus** 4; 138; 144.  
 Sceloporus magister magister  
 60; 149.  
 Sceloporus magister uniformis  
 138; 156.  
 Sceloporus magister zosteromus  
 60.  
 Sceloporus malachiticus 65.  
 Sceloporus malachiticus 61.  
 Sceloporus malachiticus  
 malachiticus 60.  
 Sceloporus malachiticus  
 taenioconemis 129.  
 Sceloporus megalepidurus 60;  
 61.  
 Sceloporus megalepidurus **halli**  
 32.  
 Sceloporus megalepidurus  
 megalepidurus 32.

- Sceloporus megalepidurus pictus* 32.  
*Sceloporus melanorhinus* 61.  
*Sceloporus melanorhinus calligaster* 60.  
*Sceloporus merriami* 61; 149.  
*Sceloporus merriami australis* 144.  
*Sceloporus merriami merriami* 60.  
*Sceloporus microlepidotus* 60; 93.  
*Sceloporus mucronatus* 61.  
*Sceloporus mucronatus omiltemanus* 60.  
*Sceloporus nelsoni* 61.  
*Sceloporus nelsoni barrancorum* 60; 144; 149.  
*Sceloporus nelsoni coeruleus* 149; 165.  
*Sceloporus nelsoni nelsoni* 149; 165.  
*Sceloporus occidentalis* 7; 15; 40; 44; 58; 61; 63; 78; 143; 146; 166; 171.  
*Sceloporus occidentalis biseriatus* 60; 104; 129; 131; 168.  
*Sceloporus occidentalis longipes* 65; 156; 162.  
*Sceloporus occidentalis occidentalis* 65.  
*Sceloporus ochoterrenai* 60; 61.  
*Sceloporus olivaceus* 60; 61; 65; 162.  
*Sceloporus omiltemanus* 61.  
*Sceloporus orcutti* 61; 162.  
*Sceloporus orcutti licki* 60.  
*Sceloporus orcutti orcutti* 60.  
*Sceloporus ornatus* 61.  
*Sceloporus ornatus caeruleus* 60.  
*Sceloporus parvus* 61.  
*Sceloporus parvus parvus* 60.  
*Sceloporus parvus scutulatus* 60.  
*Sceloporus pictus* 60; 61.  
*Sceloporus pictus halli* 32.  
*Sceloporus pleurostictus* 60.  
*Sceloporus poinsetti macrolepis* 144; 149.  
*Sceloporus poinsetti polylepis* 149.  
*Sceloporus poinsetti robinsoni* 149.  
*Sceloporus poinsettii* 61; 65; 149.  
*Sceloporus poinsettii poinsettii* 60; 149.  
*Sceloporus prezygous* 60.  
*Sceloporus pyrocephalus* 37; 60; 61.  
*Sceloporus scalaris* 61.  
*Sceloporus scalaris colemani* 93.  
*Sceloporus scalaris samcolemani* 93.  
*Sceloporus scalaris scalaris* 60.  
*Sceloporus scalaris slevini* 93; 116; 149.  
*Sceloporus scalaris unicanthalis* 93.  
*Sceloporus serrifer* 61.  
*Sceloporus serrifer plioporus* 60.  
*Sceloporus shannonrum* 60; 61.  
*Sceloporus siniferus* 61.  
*Sceloporus siniferus cupreus* 60.  
*Sceloporus siniferus siniferus* 139.  
*Sceloporus slevini* 149.  
*Sceloporus spinosus* 61; 162.  
*Sceloporus spinosus apicalis* 144.  
*Sceloporus spinosus caeruleopunctatus* 60.  
*Sceloporus squamosus* 60; 61.  
*Sceloporus stejnegeri* 60.  
*Sceloporus subpictus* 32; 60.  
*Sceloporus teapensis* 60; 61.  
*Sceloporus torquatus* 61; 65.  
*Sceloporus torquatus melanogaster* 60.  
*Sceloporus undulatus* 31; 61; 78; 173.  
*Sceloporus undulatus consobrinus* 60; 129; 149.  
*Sceloporus undulatus elongatus* 4; 60; 129; 149; 155; 156.  
*Sceloporus undulatus graciosus* 149.  
*Sceloporus undulatus hyacinthinus* 116.  
*Sceloporus undulatus tristichus* 21; 65; 149.



- Sceloporus undulatus undulatus* 116.  
*Sceloporus undulatus virgatus* 149.  
*Sceloporus undulatus woodi* 149.  
*Sceloporus uniformis* 60; 61.  
*Sceloporus variabilis* 61.  
*Sceloporus variabilis olloporus* 60.  
*Sceloporus variabilis variabilis* 60; 139.  
*Sceloporus virgatus* 60; 61; 149.  
*Sceloporus woodi* 60; 61.  
*Scincus* 41; 153.  
*Scincus cyanogaster* 120.  
*Scolecosaurus* 153.  
*Scotophis emoryi* 148.  
*Scytale* 41.  
*Scytalus* 41.  
*Shinosaurus* 153.  
*Siagonodon humilis* 129.  
*Sibon* 134.  
*Sibon nebulata nebulata* 89.  
*Sibynomorphus* 153.  
*Silybura* 153.  
*Siren intermedia* 98.  
*Siren intermedia nettingi* 22.  
*Siren lacertina* 98.  
*Siren pisciformis* 41.  
*Siren striata* 98.  
*Sistrurus* 153.  
*Sitana* 153.  
*Sonora* 153.  
*Sonora aemula* 71.  
*Sonora miniata miniata* 131.  
*Sonora semiannulata* 145; 150.  
*Sonora semiannulata blanchardi* 148.  
*Sonora semiannulata isozona* 4; 33; 148; 156; 168.  
*Sonora semiannulata linearis* 168.  
*Sonora semiannulata semiannulata* 104; 129; 131.  
*Spea bombifrons* 22; 109; 151; 152.  
*Spea hammondi stagnalis* 151; 152.  
*Spea hammondii* 22.  
*Spea hammondii bombifrons* 109; 151.  
*Spea hammondii hammondii* 109; 151.  
*Spea hammondii intermontana* 109; 151; 152.  
*Spea hammondii multiplicata* 151; 152.  
*Spea intermontana* 84; 151; 152.  
*Spea intermontanus* 109; 151.  
*Spea multiplicata* 151.  
*Spea multiplicatus* 109; 151.  
*Spea neuter* 152.  
*Spea stagnalis* 151.  
*Spelerpes lineola* 135.  
*Sphaerodactylus decoratus granti* 144.  
*Sphaerodactylus torrie spielmani* 144.  
*Sphenodon* 93.  
*Sphenodon punctatum* 153.  
*Sphenomorphus concinnatum* 120.  
*Sphenomorphus consobrinum consobrinum* 118.  
*Sphenomorphus minutum* 118.  
*Sphenomorphus variegatum jobiense* 118.  
*Stegonotus batjanensis* 118.  
*Stellio spinipes* 41.  
*Stenodactylus* 153.  
*Sternothaerus bosicii* 95.  
*Sternothaerus leachianus* 95.  
*Sternothaerus trifasciatus* 95.  
*Sternotherus carinatus* 95.  
*Sternotherus odorata* 95.  
*Sternotherus odoratus* 95; 153.  
*Sternotherus pennsylvanica* 95.  
*Storeria storeriodes* 148.  
*Streptosaurus* 37; 60; 61.  
*Sypholis lippiens lippiens* 71.  
*Sympholis lippiens rectilimbus* 71; 148.  
*Takydromus amurensis* 123.  
*Takydromus wolteri* 123.  
*Tantilla* 7; 75; 153.  
*Tantilla atriceps* 154.  
*Tantilla eiseni* 154.  
*Tantilla hobartsmithi* 148.  
*Tantilla nigriceps* 154.  
*Tantilla nigriceps eiseni* 130.  
*Tantilla nigriceps nigriceps* 148.  
*Tantilla phrenitica* 144.  
*Tantilla planiceps* 46.

- Tantilla planiceps utahensis 4; 143; 144; 156.  
 Tantilla utahensis 129; 130; 154; 156; 168.  
 Tantilla utanensis 130.  
 Tantilla wilcoxi 112; 148.  
 Tantilla yaquia 148.  
 Tantillita lintoni rozellae 92.  
 Tapaya hernandesi 149.  
 Tarentola annularis 153.  
 Teius 153.  
 Terrapene 153; 175.  
 Terrapene carolina 41.  
 Terrapene ornata 21; 31.  
 Terrapene ornata luteola 149.  
 Testudo 153.  
 Testudo carolina 41.  
 Testudo coriacea 41.  
 Testudo serpentina 41.  
 Thalassophina 153.  
 Thamnophis 153.  
 Thamnophis angustirostris 148.  
 Thamnophis cyrtopsis 88; 150.  
 Thamnophis cyrtopsis collaris 148.  
 Thamnophis cyrtopsis cyclides 148.  
 Thamnophis cyrtopsis cyrtopsis 4; 148.  
 Thamnophis dorsalis 150.  
 Thamnophis elegans 2; 48; 84; 149.  
 Thamnophis elegans **arizonae** 163.  
 Thamnophis elegans errans 148; 163.  
 Thamnophis elegans vagrans 4; 15; 21; 40; 140; 148; 156; 163.  
 Thamnophis elegans **vascotanneri** 163.  
 Thamnophis eques 112; 129; 130.  
 Thamnophis eques megalops 148.  
 Thamnophis eques virgatenuis 144; 148.  
 Thamnophis errans errans 149.  
 Thamnophis macrostemma megalops 148.  
 Thamnophis marciana 148.  
 Thamnophis marcianus 112.  
 Thamnophis marcianus marcianus 148.  
 Thamnophis marcianus praeocularis 92.  
 Thamnophis melanogaster 151.  
 Thamnophis melanogaster canescens 148.  
 Thamnophis melanogaster chihuahuaensis 144; 148.  
 Thamnophis melanogaster melanogaster 148.  
 Thamnophis multimaculatus 148.  
 Thamnophis nigronuchalis 148.  
 Thamnophis ordinoides 163.  
 Thamnophis ordinoides errans 148.  
 Thamnophis ordinoides ordinoides 129.  
 Thamnophis ordinoides vagrans 104; 111; 117; 129; 131; 133.  
 Thamnophis ornata 150.  
 Thamnophis radix 2; 31; 93.  
 Thamnophis radix haydenii 21.  
 Thamnophis rozellae 92.  
 Thamnophis rufipunctatus nigronuchalis 148.  
 Thamnophis rufipunctatus rufipunctatus 148.  
 Thamnophis rufipunctatus **unilabialis** 148.  
 Thamnophis sirtalis 2; 31; 70; 93; 149.  
 Thamnophis sirtalis concinnus 129; 131.  
 Thamnophis sirtalis dorsalis 148; 150.  
 Thamnophis sirtalis fitchi 15; 40; 156.  
 Thamnophis sirtalis **lowei** 150.  
 Thamnophis sirtalis ornata 148; 150.  
 Thamnophis sirtalis parietalis 117; 129; 131; 148; 150; 156.  
 Thamnophis sirtalis sirtalis 148.  
 Thamnophis sirtalis tetrataenia 131.  
 Thecadactylus 24.  
 Thecodactylus 153.  
 Thorius pulmonaris 144.  
 Tiliqua 153.  
 Tiliqua scincoides gigas 118.  
 Toluca 153.  
 Tortrix 41.  
 Trachemys rubriventris 175.

- Trachemys scripta 175.  
 Trachyboa 153.  
 Trachysaurus 153.  
 Trachysaurus rugosus 121.  
 Trapelus 41.  
 Tretioscincus 153.  
 Tribolonotus blanchardi 120.  
 Tribolonotus ponceleti 120.  
 Tribolonotus schmidti 120.  
 Trigonocephalus 41.  
 Trimeresura 41.  
 Trimeresurus 41; 153.  
 Trimeresurus gramineus 41.  
 Trimeresurus viridis 41.  
 Trimesurus 41.  
 Trimorphodon 153.  
 Trimorphodon biscutatus  
   biscutatus 148.  
 Trimorphodon biscutatus lambda  
   148.  
 Trimorphodon biscutatus  
   vilkinsoni 148.  
 Trimorphodon lambda 143; 156.  
 Trimorphodon lambda  
   paucimaculata 148.  
 Trimorphodon lyrophanes 129;  
   130; 156.  
 Trimorphodon tau tau 148.  
 Trimorphodon vandenburghi  
   168.  
 Trimorphodon vilkinsoni 148.  
 Trionix 41.  
 Trionyx 41.  
 Trionyx spinifera 153.  
 Trionyx spinifer emoryi 86.  
 Trionyx spiniferus 2; 31.  
 Triton 41.  
 Triviale 120.  
 Trogonophis 153.  
 Tropidoclonion storerioides  
   148.  
 Tropidonotus 153.  
 Tropidonotus collaris 148.  
 Tropidonotus melanogaster 148.  
 Tropidonotus truncatus 118.  
 Tropidurus 61; 153.  
 Tropidurus torquatus 60.  
 Tupinambis 153.  
 Tupinambis teguixin 14.  
 Tupinambus indicus 120.  
 Tygosoma mivarti 119.  
 Tympanocryptis 29.  
 Typhlops 41.  
 Typhlops **adamsi** 120.  
 Typhlops aluensis 114; 120.  
 Typhlops **becki** 114; 120; 144.  
 Typhlops bergi 114; 120.  
 Typhlops blanfordi lestradei  
   153.  
 Typhlops braminus 114; 115.  
 Typhlops cumingii mansuetus  
   114; 120.  
 Typhlops diversus 114; 121.  
 Typhlops flaviventer 114; 118.  
 Typhlops infralabialis 114;  
   120.  
 Typhlops lineatus 122.  
 Typhlops lumbricalis 114; 153.  
 Typhlops olivaceus reduncus  
   114; 120.  
 Typhlops philococos 114.  
 Typhlops platycephalus 153.  
 Typhlops pusillus 153.  
 Typhlops reticulatus 153.  
 Typhlops solomonis 114; 120.  
 Typhlosaurus 153.  
 Typhotriton nereus 22.  
 Typhotriton spelaeus 22.  
 Ultocalamus 153.  
 Uma 37; 61; 153.  
 Uma exsul 29.  
 Uma inornata 29.  
 Uma notata cowlesi 29.  
 Uma notata inornata 29.  
 Uma notata notata 29.  
 Uma notata rufopunctata 29.  
 Uma notata scoparia 168.  
 Uma paraphygas 144.  
 Uma paraphygas 29.  
 Uma rufopunctata 29.  
 Uma scoparia 29.  
 Uranoscodon 41.  
 Uromastix 153.  
 Uromastix spinipes 41.  
 Uromastyx 41.  
 Uromastyx hardwicki 153.  
 Uropeltis 153.  
 Uroplatus 41; 153.  
 Urosaurus 29; 60; 153.  
 Urosaurus bicarinatus 61.  
 Urosaurus bicarinatus  
   tuberculatus 149; 165.  
 Urosaurus graciosus 61.  
 Urosaurus inornata 43.  
 Urosaurus ornata caeruleus  
   149.  
 Urosaurus ornata lateralis  
   37.  
 Urosaurus ornata linearis 37.



- Urosaurus ornata schotti 37.  
 Urosaurus ornata symmetrica 37.  
 Urosaurus ornata wrighti 4; 37.  
 Urosaurus ornatus 61; 63; 77; 88.  
 Urosaurus ornatus caeruleus 149.  
 Urosaurus ornatus linearis 116; 149.  
 Urosaurus ornatus schmidti 149.  
 Urosaurus ornatus schottii 149.  
 Urosaurus unicus 149; 165.  
 Uta 60; 78; 145; 153.  
 Uta concinna 8.  
 Uta elegans 77.  
 Uta graciosa 168.  
 Uta levis 111; 129.  
 Uta mearnsi 61.  
 Uta ornata 37.  
 Uta ornata symmetrica 129.  
 Uta ornatus schmidti 149.  
 Uta palmeri 8.  
 Uta schottii 149.  
 Uta stansburiana 11; 15; 40; 44; 58; 61; 63; 110; 146; 171.  
 Uta stansburiana elegans 77.  
 Uta stansburiana hesperis 77.  
 Uta stansburiana nevadensis 77.  
 Uta stansburiana stansburiana 3; 6; 37; 77; 104; 111; 129; 131; 134; 156.  
 Uta stansburiana stejnegeri 77; 149; 156; 168; 173.  
 Uta stansburiana **uniformis** 4; 77; 144.  
 Uta symmetrica 37.  
 Uta thalassina 37; 61.  
 Uta tuberculatus 149.  
 Uta undulatus elongatus 111.
- Varanus 37.  
 Varanus indicus 118; 120; 153.  
 Varanus monitor 153.  
 Vipera aspis 41; 93; 153.  
 Vipera berus 93.  
 Vipera viridis 41.  
 Vipera vulgaris 41.
- Xantusia 159.  
 Xantusia vigilis 46; 77; 153; 168.  
 Xantusia vigilis utahensis 4; 144.  
 Xantusia vigilis vigilis 156.  
 Xenochrophis 153.  
 Xenodermus 153.  
 Xenodon 153.  
 Xenodon rabdocephalus mexicanus 89.  
 Xenopeltis 153.  
 Xenosaurus 153.  
 Xerobates agassizii 45; 74.  
 Xerobates berlandieri 74.  
 Xerobates laticunea 74.  
 Xerobates **lepidcephalus** 74.
- Zonurus 153
- Walterinnesia 153.