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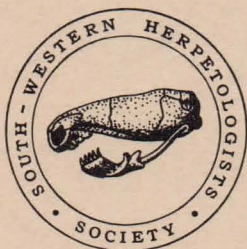
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CONTENTS

A LIST OF THE WORLD'S RECENT
AND FOSSIL SALAMANDERS

By ARDEN H. BRAME, JR.

The Southwestern Herpetologists Society was founded in 1954 in Orange County, California, and then guided by the late Wesley Dickinson to encourage and inspire young herpetologists. The Orange County group is now acknowledged as the parent branch organization. In September of 1966, the San Gabriel Valley Branch was formed and they incorporated the constitution, charter, and bylaws of the parent branch. In February of this year two more branches have notified us of their intention to become affiliated: the South Los Angeles Branch and the San Fernando Valley Branch. It is apparent that the Southwestern Herpetologists Society is growing and expanding rapidly and we encourage young and old herpetologists alike to join one of the branches or, if the situation calls for it, form a new branch. For information, write one of the officers listed on the back cover.

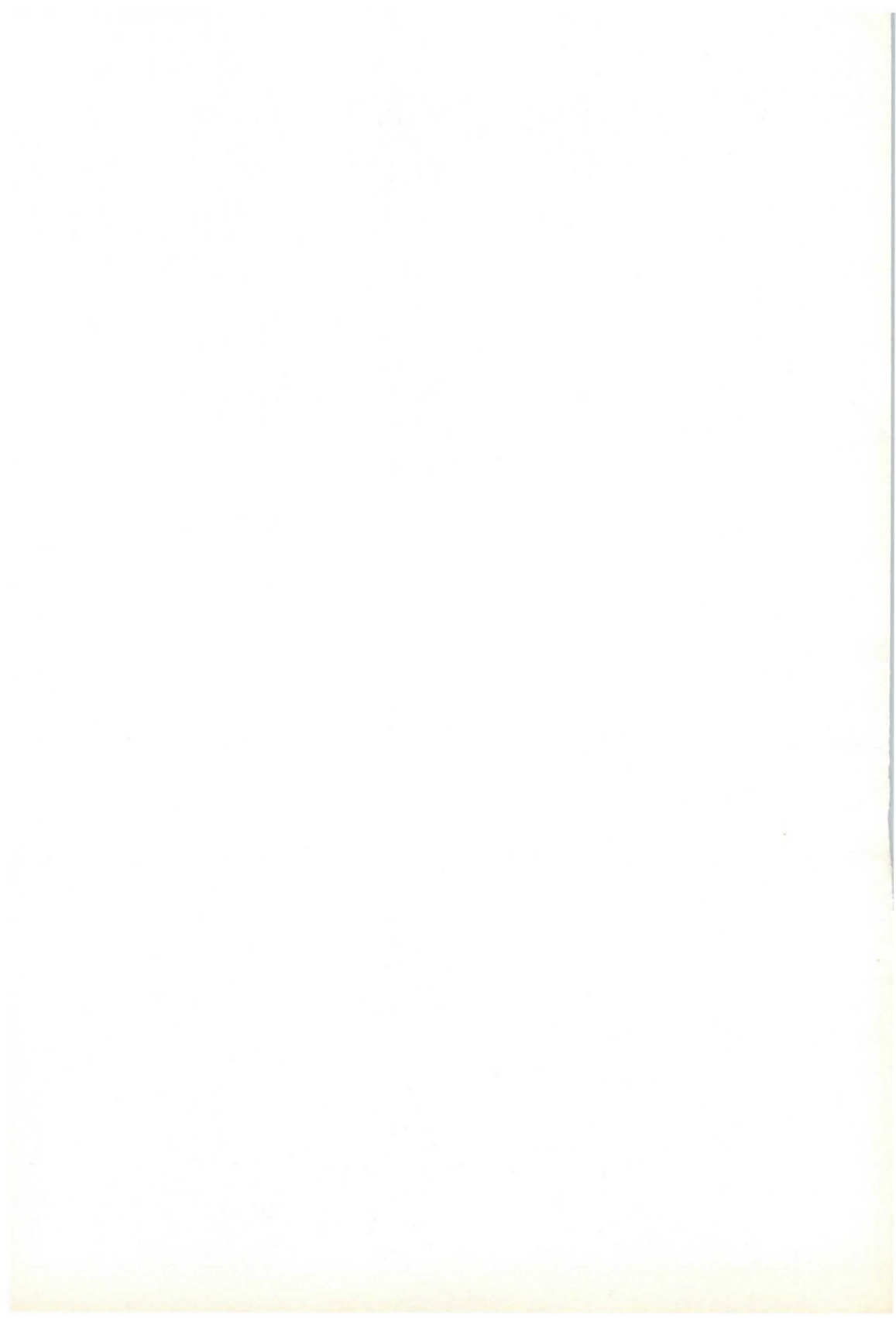
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(Continued on Back Cover)

A LIST OF THE WORLD'S RECENT AND
FOSSIL SALAMANDERS

By ARDEN H. BRAME, JR.



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A LIST OF THE WORLD'S RECENT AND
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By ARDEN H. BRAME, JR.

Nine years ago, two lists were mimeographed for general distribution to herpetologists: *A List of the World's Recent Caudata* Brame (1957) and *A List of the World's Fossil Caudata* Brame (1958). The purpose for distributing the above lists was to solicit comments, corrections, and additions by authorities on salamander systematics and taxonomy. The results of the response to these solicitations plus information from the large mass of literature on salamander systematics published between 1957 and 1967, have been incorporated into *A Checklist of the Living and Fossil Salamanders of the World* which will be published in about three years. Numerous requests have been received for the old lists which regretfully have been out of print for several years. It now seems desirable, therefore, to publish *A List of the World's Recent and Fossil Salamanders* because of the requests and the delay in the more comprehensive checklist.

The author has taken the prerogative of making judgments in cases where salamander systematists disagree; but for the most part, the taxonomic changes of the latest authoritative reviser have been followed. New taxa, as yet unpublished, are not used. A brief range is given for each species and subspecies, including countries, states, departments, provinces, and occasionally counties and cities.

The mimeographed lists of 1957 and 1958 listed 3 suborders, 9 families, 60 recent genera, 284 species, 414 recent species and subspecies, and 65 fossil species of salamanders. The present list recognizes 4 suborders, 8 families, 54 genera, 302 species, and 440 species plus subspecies of living urodeles. There are at present 76 recognized species of fossil Caudata. This author knows of 10 recent salamander species that will be reduced to synonymy and about 30 recent and 11 fossil forms which will be described as new over the next few years.

Many persons have been of aid over the past 10 years in preparing the checklist and this present list. I wish to thank especially Jay M. Savage and David B. Wake for their continued encouragement and aid. I have followed Wake's salamander classification and in particular, his revised arrangement of the Plethodontidae recently published, Wake (1966).

GENERA OF LIVING SALAMANDERS

ORDER CAUDATA		Sp.	Sp. & Ssp.
Oppel, 1811		302	440
SUBORDER CRYPTOBRANCHOIDEA			
Dunn, 1922		33	35
Family Hynobiidae Cope, 1859.....	30	31	
1. <i>Batrachuperus</i> Boulenger, 1878.....	6	6	
2. <i>Hynobius</i> Tschudi, 1838.....	18	19	
3. <i>Onychodactylus</i> Tschudi, 1838.....	2	2	
4. <i>Pachypalaminus</i> Thompson, 1912.....	1	1	
5. <i>Ranodon</i> Kessler, 1866.....	3	3	
Family Cryptobranchidae Cope, 1889.....	3	4	
6. <i>Cryptobranchus</i> Leuckart, 1821.....	1	2	
7. <i>Andrias</i> Tschudi, 1837.....	2	2	
SUBORDER SIRENOIDEA			
Goodrich, 1930		3	9
Family Sirenidae Gray, 1825.....	3	9	
8. <i>Pseudobranchus</i> Gray, 1825.....	1	5	
9. <i>Siren</i> Linnaeus, 1766.....	2	4	
SUBORDER SALAMANDROIDEA			
Sarasin, 1890		51	102
Family Proteidae Tschudi, 1839.....	6	9	
10. <i>Necturus</i> Rafinesque, 1819.....	5	8	
11. <i>Proteus</i> Laurenti, 1768.....	1	1	
Family Salamandridae Gray, 1825.....	42	90	
12. <i>Chioglossa</i> Bocage, 1864.....	1	1	
13. <i>Cynops</i> Tschudi, 1839.....	3	5	
14. <i>Euproctus</i> Gene, 1838.....	3	4	
15. <i>Hypselotriton</i> Wolterstorff, 1934.....	1	1	
16. <i>Mertensiella</i> Wolterstorff, 1925.....	2	3	
17. <i>Neurergus</i> Cope, 1862.....	1	5	
18. <i>Notophthalmus</i> Rafinesque, 1820.....	4	7	
19. <i>Pachytriton</i> Boulenger, 1878.....	1	1	
20. <i>Paramesotriton</i> Chang, 1935.....	3	3	
21. <i>Pleurodeles</i> Michahelles, 1830.....	2	2	
22. <i>Salamandra</i> Laurenti, 1768.....	2	12	
23. <i>Salamandrina</i> Fitzinger, 1826.....	1	1	
24. <i>Taricha</i> Gray, 1850.....	3	5	
25. <i>Triturus</i> Rafinesque, 1815.....	9	34	
26. <i>Tylototriton</i> Anderson, 1871.....	6	6	
Family Amphiumidae Cope, 1866.....	3	3	
27. <i>Amphiuma</i> Garden, 1821.....	3	3	

SUBORDER AMBYSTOMATOIDEA		Sp.	Sp. & Ssp.
Noble, 1931		215	294
Family Ambystomatidae	Hallowell, 1858	32	47
Subfamily Dicamptodontinae	Tihen, 1958	1	1
28. <i>Dicamptodon</i>	Strauch, 1870	1	1
Subfamily Rhyacotritoninae	Tihen, 1958	1	2
29. <i>Rhyacotriton</i>	Dunn, 1920	1	2
Subfamily Ambystomatinae	Hallowell, 1858	30	44
30. <i>Ambystoma</i>	Tschudi, 1838	26	40
31. <i>Rhyacosiredon</i>	Dunn, 1928	4	4
Family Plethodontidae	Gray, 1850	183	247
Subfamily Desmognathinae	Cope, 1866	9	17
32. <i>Desmognathus</i>	Baird, 1850	7	15
33. <i>Leurognathus</i>	Moore, 1899	1	1
34. <i>Phaeognathus</i>	Highton, 1961	1	1
Subfamily Plethodontinae	Gray, 1850	174	230
Tribe Hemidactylini	Hallowell, 1856	20	39
35. <i>Eurycea</i>	Rafinesque, 1822	10	17
36. <i>Gyrinophilus</i>	Cope, 1869	2	7
37. <i>Haideotriton</i>	Carr, 1939	1	1
38. <i>Hemidactylum</i>	Tschudi, 1838	1	1
39. <i>Pseudotriton</i>	Tschudi, 1838	2	8
40. <i>Stereocheilus</i>	Cope, 1869	1	1
41. <i>Typhlomolge</i>	Stejneger, 1896	2	2
42. <i>Typhlotriton</i>	Stejneger, 1892	1	1
Tribe Plethodontini	Gray, 1850	24	47
43. <i>Aneides</i>	Baird, 1849	5	6
44. <i>Ensatina</i>	Gray, 1850	1	7
45. <i>Plethodon</i>	Tschudi, 1838	18	34
Tribe Bolitoglossini	Hallowell, 1856	128	143
Supergenous <i>Batrachoseps</i>	Bonaparte, 1839	3	4
46. <i>Batrachoseps</i>	Bonaparte, 1839	3	4
Supergenous <i>Hydromantes</i>	Gistel, 1848	5	8
47. <i>Hydromantes</i>	Gistel, 1848	5	8
Supergenous <i>Bolitoglossa</i>	Duméril, Bibron, and Duméril, 1854	122	133
48. <i>Bolitoglossa</i>	Duméril, Bibron, and Duméril, 1854	55	59
49. <i>Chiropterotriton</i>	Taylor, 1944	16	18
50. <i>Lineatriton</i>	Tanner, 1950	1	1
51. <i>Oedipina</i>	Keferstein, 1868	18	18
52. <i>Parvimolge</i>	Taylor, 1944	3	3
53. <i>Pseudoeurycea</i>	Taylor, 1944	22	24
54. <i>Thorius</i>	Cope, 1869	9	10

SPECIES AND SUBSPECIES OF LIVING SALAMANDERS

ORDER CAUDATA Oppel 1811

SUBORDER CRYPTOBRANCHOIDEA Dunn, 1922

Family Hynobiidae Cope, 1859

1. *Batrachuperus cochranæ* Liu, 1950;
Sikang, China
2. *Batrachuperus karlschmidti* Liu, 1950;
Sikang-Szechwan bdr. & Kansu, China
3. *Batrachuperus mustersi* Smith, 1940;
Paghman, Afghanistan
4. *Batrachuperus pinchonii* (David, 1871);
Sikang & Szechwan, China
5. *Batrachuperus tibetanus* Schmidt, 1927;
Kansu, China & Tibet
6. *Batrachuperus yenyuanensis* Liu, 1950;
Sikang, China
7. *Hynobius abei* Sato, 1934;
Honshu Is., Japan
8. *Hynobius chinensis* Günther, 1889;
Hupei, Chekiang, Fukien, So. China
9. *Hynobius dunni* Tago, 1931;
Honshu Is., Japan
10. *Hynobius formosanus* Maki, 1921;
Formosa
11. *Hynobius keyserlingii* (Dybowski, 1870);
Manchuria, Mongolia, Russia, and Turkistan
12. *Hynobius kimurai* Dunn, 1923;
Honshu Is., Japan
13. *Hynobius leechii* Boulenger, 1887;
So. Manchuria and Korea
14. *Hynobius lichenatus* Boulenger, 1883;
Honshu Is., Japan
15. *Hynobius naevius* (Schlegel, 1838);
Honshu Is., Japan
16. *Hynobius nebulosus nebulosus* (Schlegel, 1838);
Kyushu Is., Japan
17. *Hynobius nebulosus tokyoensis* Tago, 1931;
Honshu Is., Japan
18. *Hynobius nigrescens* Stejneger, 1907;
Honshu Is., Japan
19. *Hynobius okiensis* Sato, 1940;
Oki Is., Japan
20. *Hynobius retardatus* Dunn, 1923;
Hokkaido Is., Japan
21. *Hynobius sadoensis* Sato, 1940;
Sado Is., Japan

22. *Hynobius shihi* Liu, 1950;
E. Szechwan, China
23. *Hynobius sonani* (Maki, 1921);
Formosa
24. *Hynobius stejnegeri* Dunn, 1923;
Kyushu Is., Japan
25. *Hynobius tsuensis* Abe, 1922;
Tsu Shima Is., Japan
26. *Onychodactylus fischeri* (Boulenger, 1886);
SE. USSR & Korea
27. *Onychodactylus japonicus* (Houttuyn, 1782);
Honshu Is. & Shikoku Is., Japan
28. *Pachypalaminus boulengeri* Thompson, 1912;
Shikoku Is., Japan
29. *Ranodon sibiricus* Kessler, 1866;
W. Sinkiang, China, & E. Turkistan Russia
30. *Ranodon tsinpaensis* Liu and Hu, 1966;
Tsinling Mtns., S. Shensi, China
31. *Ranodon wushanensis* Liu, Hu, and Yang, 1960;
Sinkiang, China

Family Cryptobranchidae Cope, 1889

32. *Cryptobranchus alleganiensis alleganiensis* (Daudin, 1802);
N. & cent.-E. USA
33. *Cryptobranchus alleganiensis bishopi* Grobman, 1942;
Ozarks, S.-cent. USA
34. *Andrias davidianus* (Blanchard, 1871);
China
35. *Andrias japonicus* (Temminck, 1837);
Honshu Is., Japan

SUBORDER SIRENOIDEA Goodrich, 1930

Family Sirenidae Gray, 1825

36. *Pseudobranchus striatus striatus* (Le Conte, 1825);
S. South Carolina & SE. Georgia
37. *Pseudobranchus striatus axanthus* Netting and Goin, 1942;
N.-cent. Florida & Georgia
38. *Pseudobranchus striatus belli* Schwartz, 1952;
S. Florida
39. *Pseudobranchus striatus lustricolus* Neill, 1951;
NW. Florida
40. *Pseudobranchus striatus spheniscus* Goin and Crenshaw, 1949;
SW. Georgia & E. Florida
41. *Siren lacertina* Linnaeus, 1766;
SE. USA
42. *Siren intermedia intermedia* Le Conte, 1827;
SE. USA
43. *Siren intermedia nettingi* Goin, 1942;
Mississippi River Valley, USA

44. *Siren intermedia texana* Goin, 1957;
Texas & N. Tamaulipas, Mexico

SUBORDER SALAMANDROIDEA Sarasin, 1890

Family Proteidae Tschudi, 1839

45. *Necturus alabamensis* Viosca, 1937;
SE. USA—NE. Mississippi to W. Georgia
46. *Necturus beyeri* Viosca, 1937;
SE. USA—SE. Texas to Alabama
47. *Necturus lewisi* Brimley, 1924;
North Carolina
48. *Necturus maculosus maculosus* (Rafinesque, 1818);
E. North America
49. *Necturus maculosus louisianensis* Viosca, 1938;
SE. USA
50. *Necturus maculosus stictus* Bishop, 1941;
NE. Wisconsin & adj. Michigan
51. *Necturus punctatus punctatus* (Gibbes, 1850);
SE. USA—SE. Virginia to cent. Georgia
52. *Necturus punctatus lodingi* Viosca, 1937;
W.-cent. Georgia to Alabama
53. *Proteus anguineus* Laurenti, 1768;
near Trieste, Yugoslavia

Family Salamandridae Gray, 1825

54. *Chioglossa lusitanica* Bocage, 1864;
NW. Spain & Portugal
55. *Cynops cyanurus* Liu, Hu, and Yang, 1962;
Kweichow, China
56. *Cynops orientalis* (David, 1875);
E.-cent. China
57. *Cynops pyrrhogaster pyrrhogaster* (Boie, 1826);
Honshu Is., Shikoku Is., & Kyushu Is., Japan
58. *Cynops pyrrhogaster ensicaudus* (Hallowell, 1860);
Ryukyu Islands
59. *Cynops pyrrhogaster popei* (Inger, 1947);
Okinawa, Ryukyu Islands
60. *Euproctus asper asper* (Düges, 1852);
Pyrenees—S. France & N. Spain
61. *Euproctus asper castelmouliensis* Wolterstorff, 1925;
Pyrenees—S. France
62. *Euproctus montanus* (Savi, 1839);
Corsica
63. *Euproctus platycephalus* (Gravenhorst, 1829);
Sardinia
64. *Hypselotriton wolterstorffi* (Boulenger, 1905);
Yunnan, China
65. *Mertensiella caucasica* (Waga, 1876);
Caucasus of E. Turkey & SW. USSR

66. *Mertensiella luschani luschani* (Steindachner, 1891);
SE. Anatolia, Turkey
- 66a. *Mertensiella luschani atifi* Basoglu, 1967;
S. Anatolia, Turkey
67. *Mertensiella luschani helverseni* Pieper, 1963;
Karpathos Is., Greece
68. *Neurergus crocatus crocatus* Cope, 1862;
Iran & Iraq
69. *Neurergus crocatus derjugini* (Nesterov, 1916);
Kurdistan, Iran
70. *Neurergus crocatus kaiseri* Schmidt, 1952;
Luristan, Iran
71. *Neurergus crocatus microspilotus* (Nesterov, 1916);
Kurdistan, Iran
72. *Neurergus crocatus strauchi* (Steindachner, 1887);
E. Anatolia, Turkey
73. *Notophthalmus kallerti* (Wolterstorff, 1930);
N. Veracruz, E. San Luis Potosí, & Puebla, Mexico
74. *Notophthalmus meridionalis* (Cope, 1880);
S. Texas & N. Tamaulipas, Mexico
75. *Notophthalmus perstriatus* (Bishop, 1941);
SE. Georgia & NE. Florida
76. *Notophthalmus viridescens viridescens* (Rafinesque, 1820);
E. North America
77. *Notophthalmus viridescens dorsalis* (Harlan, 1828);
SE. North Carolina & NE. South Carolina
78. *Notophthalmus viridescens louisianensis* (Wolterstorff, 1914);
cent. & S.-cent. USA
79. *Notophthalmus viridescens piaropicola* (Schwartz and
Duellman, 1952); S. Florida
80. *Pachytriton brevipes* (Sauvage, 1877);
SE. China
81. *Paramesotriton chinensis* (Gray, 1859);
N. Anhwei & Chekiang, China
82. *Paramesotriton deloustali* (Bourret, 1934);
North Vietnam
83. *Paramesotriton hongkongensis* (Myers and Leviton, 1962);
Hong Kong
84. *Pleurodeles poireti* (Gervais, 1835);
Algeria & Tunisia, North Africa
85. *Pleurodeles waltl* Michahelles, 1830;
Portugal, SW. Spain & Morocco
86. *Salamandra atra* Laurenti, 1768;
S. Germany & Switzerland
87. *Salamandra salamandra salamandra* (Linnaeus, 1758);
cent. & S. Europe
88. *Salamandra salamandra algira* Bedriaga, 1883;
Algeria & Morocco, N. Africa

89. *Salamandra salamandra almanzor* Müller and Hellmich, 1935; cent. Spain
90. *Salamandra salamandra bejare* Wolterstorff, 1934; Spain
91. *Salamandra salamandra corsica* Savi, 1838; Corsica
92. *Salamandra salamandra fastuosa* Schreiber, 1912; NW. Spain
93. *Salamandra salamandra gallaica* Seoane, 1884; NW. Spain & Portugal
94. *Salamandra salamandra giglioli* Eiselt and Lanza, 1956; S. Italy
95. *Salamandra salamandra infraimmaculata* Martens, 1885; N. Lebanon, Palestine, & Turkey
96. *Salamandra salamandra seminovi* Nesterov, 1916; Kurdistan & Turkey
97. *Salamandra salamandra terrestris* Lacépède, 1788; N. Europe
98. *Salamandrina terdigitata* (Lacépède, 1788); N. Italy
99. *Taricha granulosa granulosa* (Skilton, 1849); coastal cent. California to Alaska
100. *Taricha granulosa mazamae* (Myers, 1942); Crater Lake, Oregon
101. *Taricha rivularis* (Twitty, 1935); N. coastal California
102. *Taricha torosa torosa* (Rathke IN Eschscholtz, 1833); coastal cent. & S. California
103. *Taricha torosa sierrae* (Twitty, 1942); Sierra Nevada, California
104. *Triturus alpestris alpestris* (Laurenti, 1768); middle & S. Europe
105. *Triturus alpestris apuanus* (Bonaparte, 1839); NW. Italy
106. *Triturus alpestris cyreni* Wolterstorff, 1932; NW. Spain
107. *Triturus alpestris lacusnigri* (Seliskar and Pehani, 1935); W. Yugoslavia
108. *Triturus alpestris montenegrensis* Radovanović, 1951; E. Yugoslavia
109. *Triturus alpestris piperianus* Radovanović, 1961; Montenegro, Yugoslavia
110. *Triturus alpestris reiseri* (Werner, 1902); Bosnia, Yugoslavia
111. *Triturus alpestris serdarus* Radovanović, 1961; Montenegro, Yugoslavia
112. *Triturus alpestris veluchiensis* Wolterstorff, 1935; Greece

113. *Triturus boscai* (Lataste, 1879);
Spain & Portugal
114. *Triturus cristatus cristatus* (Laurenti, 1768);
N. & cent. Europe to cent. USSR
115. *Triturus cristatus carnifex* (Laurenti, 1768);
S. Europe incl. Austria
116. *Triturus cristatus dobrogicus* (Kiritzescu, 1903);
Austria & Romania
117. *Triturus cristatus karelinii* (Strauch, 1870);
middle Europe
118. *Triturus helveticus helveticus* (Razoumowsky, 1789);
England & W. Europe
119. *Triturus helveticus sequeirai* (Wolterstorff, 1905);
N. Portugal & NW. Spain
120. *Triturus italicus* (Peracca, 1898);
cent. to S. Italy
121. *Triturus marmoratus marmoratus* (Latreille, 1800);
S. France, Spain & Portugal
122. *Triturus marmoratus pygmaeus* (Wolterstorff, 1905);
S. Spain
123. *Triturus montandoni* (Boulenger, 1880);
Carpathian Mtns., Romania
124. *Triturus vittatus vittatus* (Gray, 1835);
Lycian Penn., Turkey
125. *Triturus vittatus chuldaensis* (Bodenheimer, 1926);
Palestine
126. *Triturus vittatus cilicensis* (Wolterstorff, 1906);
Adana, Turkey
127. *Triturus vittatus excubitor* (Wolterstorff, 1905);
Antioch, Turkey
128. *Triturus vittatus ophryticus* (Berthold, 1846);
Caucasus Mtns.—USSR & Asia Minor
129. *Triturus vulgaris vulgaris* (Linnaeus, 1758);
England, Europe, Asia Minor
130. *Triturus vulgaris ampelensis* Fuhn, 1957;
Romania
131. *Triturus vulgaris borealis* Kauri, 1959;
Sweden
132. *Triturus vulgaris dalmaticus* (Kolombatović, 1907);
S. Yugoslavia
133. *Triturus vulgaris graecus* (Wolterstorff, 1905);
Greece & Macedonia
134. *Triturus vulgaris kosswigi* Freytag, 1955;
N. Anatolia, Turkey
135. *Triturus vulgaris lantzi* (Wolterstorff, 1914);
NW. Caucasus of Turkey & USSR
136. *Triturus vulgaris meridionalis* (Boulenger, 1882);
S. Switzerland, N. & cent. Italy, & N. Yugoslavia

137. *Triturus vulgaris schreiberi* (Wolterstorff, 1914);
Dalmatian Yugoslavia
 138. *Tylototriton andersoni* Boulenger, 1892;
Okinawa & Anami Is., Ryuku Is.
 139. *Tylototriton asperrimus* Unterstein, 1930;
Kwangsi & Kwangtung, S. China
 140. *Tylototriton chinhaiensis* Chang, 1932;
Chekiang, China
 141. *Tylototriton kweichowensis* Fang and Chang, 1932;
W. Kweichow, China
 142. *Tylototriton taliangensis* Liu, 1950;
Sikang, China
 143. *Tylototriton verrucosus* Anderson, 1871; W. Yunnan, China,
N. Burma, N. India, N. Thailand, & N. Vietnam
- Family Amphiumidae Cope, 1866
144. *Amphiuma means* Garden, 1821;
SE. USA
 145. *Amphiuma pholeter* Neill, 1964;
NE. Florida
 146. *Amphiuma tridactylum* Cuvier, 1827;
S.-cent. USA

SUBORDER AMBYSTOMATOIDEA Noble, 1931

Family Ambystomatidae Hallowell, 1858

Subfamily Dicamptodontinae Tihen, 1958

147. *Dicamptodon ensatus* (Eschscholtz, 1833);
cent. Calif. N. to British Col., Idaho & Montana

Subfamily Rhyacotritoninae Tihen, 1958

148. *Rhyacotriton olympicus olympicus* (Gaige, 1917);
N. Oregon & Washington
149. *Rhyacotriton olympicus variegatus* Stebbins and Lowe, 1951;
coastal NW. Calif. & SW. Oregon

Subfamily Ambystomatinae Hallowell, 1858

150. *Ambystoma amblycephalum* Taylor, 1939;
Michoacán, Mexico
151. *Ambystoma annulatum* Cope, 1886;
Ozarks, cent. USA
152. *Ambystoma bombypellum* Taylor, 1938;
México, Mexico
153. *Ambystoma cingulatum* Cope, 1867;
SE. USA
154. *Ambystoma dumerilii dumerilii* (Dùges, 1870);
Michoacán, Mexico
155. *Ambystoma dumerilii queretarensis* (Maldonado-Koerdell,
1948); Michoacán, Mexico
156. *Ambystoma gracile gracile* (Baird, 1859);
coastal N. Calif. to SW. British Columbia
157. *Ambystoma gracile decorticatum* Cope, 1886;
coastal cent. British Columbia to S. Alaska

158. *Ambystoma granulosum* Taylor, 1944;
México, Mexico
159. *Ambystoma flavipiperatum* Dixon, 1963;
Jalisco, Mexico
160. *Ambystoma jeffersonianum* (Green, 1827);
NE. USA & Canada
161. *Ambystoma lacustris* Taylor and Smith, 1945;
México, Mexico
162. *Ambystoma laterale* Hallowell, 1858;
N.-cent. USA & S.-cent. Canada
163. *Ambystoma lermaensis* (Taylor, 1939);
México, Mexico
164. *Ambystoma mabeei* Bishop, 1928;
North Carolina & South Carolina
165. *Ambystoma macrodactylum macrodactylum* Baird, 1849;
coastal W. Oregon to SW. British Columbia
166. *Ambystoma macrodactylum columbianum* Ferguson, 1961;
cent. & E. Oregon & Washington to NW. Idaho & S. Alaska
167. *Ambystoma macrodactylum croceum* Russell and
Anderson, 1956; coastal Santa Cruz Co., Calif.
168. *Ambystoma macrodactylum krausei* Peters, 1882;
E. Idaho, W. Montana, W. Alberta & E. British Col.
169. *Ambystoma macrodactylum sigillatum* Ferguson, 1961;
S. Oregon to Sierra Nevada, California
170. *Ambystoma maculatum* (Shaw, 1802);
E. North America
171. *Ambystoma mexicanum* (Shaw, 1789);
México, Mexico
172. *Ambystoma opacum* (Gravenhorst, 1807);
E. USA
173. *Ambystoma ordinarium* Taylor, 1939;
Michoacán, Mexico
174. *Ambystoma platineum* Cope, 1867;
NE. USA
175. *Ambystoma rosaceum* Taylor, 1941;
Durango, N. Chihuahua, & N. Sonora, Mexico
176. *Ambystoma schmidtii* Taylor, 1938;
México, Mexico
177. *Ambystoma subsalsum* Taylor, 1943;
Puebla, Mexico
178. *Ambystoma talpoideum* (Holbrook, 1838);
cent. & SE. USA
179. *Ambystoma texanum* (Matthes, 1855);
cent. & SE. USA
180. *Ambystoma tigrinum tigrinum* (Green, 1825);
E. & N.-cent. USA
181. *Ambystoma tigrinum californiense* Gray, 1853;
W.-cent. California

182. *Ambystoma tigrinum diaboli* Dunn, 1940;
South Dakota, North Dakota, SW. Minnesota & adj. Canada
183. *Ambystoma tigrinum mavortium* Baird, 1850;
cent. & SW. USA & N. Mexico
184. *Ambystoma tigrinum melanostictum* (Baird, 1860);
NW. & N.-cent. USA & adj. Canada
185. *Ambystoma tigrinum nebulosum* Hallowell, 1854;
cent. Arizona to W. New Mexico
186. *Ambystoma tigrinum stebbinsi* Lowe, 1954;
S. Arizona
187. *Ambystoma tigrinum utahense* Lowe, 1955;
N. Arizona to SW. Wyoming
188. *Ambystoma tigrinum velasci* Duges, 1888;
Puebla and México, Mexico
189. *Ambystoma tremblayi* Comeau, 1943;
NE. USA & SE. Canada
190. *Rhyacosiredon altamirani* (Duges, 1895);
S. México & Morales, Mexico
191. *Rhyacosiredon leorae* Taylor, 1943;
México, Mexico
192. *Rhyacosiredon rivularis* Taylor, 1940;
México, Mexico
193. *Rhyacosiredon zempoalaensis* Taylor and Smith, 1945;
Morelos, Mexico
- Family Plethodontidae Gray, 1850
- Subfamily Desmognathinae Cope, 1866
194. *Desmognathus aeneus aeneus* Brown and Bishop, 1947;
North Carolina
195. *Desmognathus aeneus chermocki* Bishop and Valentine, 1950;
Alabama
196. *Desmognathus fuscus fuscus* (Rafinesque, 1820);
E. USA & SE. Canada
197. *Desmognathus fuscus auriculatus* (Holbrook, 1838);
SE. USA
198. *Desmognathus fuscus brimleyorum* Stejneger, 1895;
S.-cent. USA
199. *Desmognathus fuscus carri* Neill, 1951;
Florida
200. *Desmognathus fuscus conanti* Rossman, 1958;
W. Kentucky & W. Tennessee
201. *Desmognathus fuscus welteri* Barbour, 1950;
E. Kentucky & adj. Virginia
202. *Desmognathus monticola monticola* Dunn, 1916;
SE. USA
203. *Desmognathus monticola jeffersoni* Hoffman, 1951;
Virginia
204. *Desmognathus ochrophaeus ochrophaeus* Cope, 1859;
NE. & N.-cent. USA

205. *Desmognathus ochrophaeus carolinensis* Dunn, 1916;
Virginia to NE. Georgia
206. *Desmognathus ocoee* Nicholls, 1949;
N. Alabama, N. Georgia, E. Tenn., & W. North Carolina
207. *Desmognathus quadramaculatus* (Holbrook, 1840);
West Virginia, Virginia to Georgia
208. *Desmognathus wrighti* King, 1936;
Virginia, Tennessee, & North Carolina
209. *Leurognathus marmorata* Moore, 1899;
Virginia S. to Georgia
210. *Phaeognathus hubrichti* Highton, 1961;
S. Alabama
- Subfamily Plethodontinae Gray, 1850
- Tribe Hemidactylini Hallowell, 1856
211. *Eurycea aquatica* Rose and Bush, 1963;
Jefferson Co., Alabama
212. *Eurycea bislineata bislineata* (Green, 1818);
SE. Canada, NE. & cent.-E. USA
213. *Eurycea bislineata cirrigera* (Green, 1830);
SE. USA
214. *Eurycea bislineata wilderae* Dunn, 1920;
SW. Virginia to N. Georgia
215. *Eurycea longicauda longicauda* (Green, 1818);
E. USA
216. *Eurycea longicauda guttolineata* (Holbrook, 1838);
SE. USA
217. *Eurycea longicauda melanopleura* (Cope, 1893);
Ozarks & adj. S.-cent. USA
218. *Eurycea lucifuga* Rafinesque, 1822;
Virginia to Oklahoma
219. *Eurycea multiplicata multiplicata* (Cope, 1869);
N.-cent. Arkansas to SE. Oklahoma
220. *Eurycea multiplicata griseogaster* Moore and Hughes, 1941;
SW. Missouri & adj. Arkansas & Oklahoma
221. *Eurycea nana* Bishop, 1941;
S.-cent. Texas
222. *Eurycea neotenes neotenes* Bishop and Wright, 1937;
S.-cent. Texas
223. *Eurycea neotenes latitans* Smith and Potter, 1946;
S.-cent. Texas
224. *Eurycea neotenes pterophila* Burger, Smith and Potter, 1950;
S.-cent. Texas
225. *Eurycea quadridigitata* (Holbrook, 1842);
SE. USA
226. *Eurycea troglodytes* Baker, 1957;
S.-cent. Texas
227. *Eurycea tynnerensis* Moore and Hughes, 1939;
NE. Oklahoma & adj. Arkansas & Missouri

228. *Gyrinophilus pallescens pallescens* McCrady, 1954;
E. Tennessee
229. *Gyrinophilus pallescens gulolineatus* Brandon, 1965;
E. Tennessee
230. *Gyrinophilus pallescens necturoides* Lazell and Brandon, 1962;
E. Tennessee
231. *Gyrinophilus porphyriticus porphyriticus* (Green, 1827);
NE. USA & adj. Canada
232. *Gyrinophilus porphyriticus danielsi* (Blatchley, 1901);
W. North Carolina & E. Tennessee
233. *Gyrinophilus porphyriticus dunni* Mittleman and Jopson,
1941; N. Alabama, N. Georgia to SW. North Carolina
234. *Gyrinophilus porphyriticus duryi* (Weller, 1930);
NE. Kentucky & S.-cent. Ohio
235. *Haideotriton wallacei* Carr, 1939;
N. Florida & S. Georgia
236. *Hemidactylium scutatum* (Schlegel, 1838);
spotty distrib., E. North America
237. *Pseudotriton montanus montanus* Baird, 1849;
Pennsylvania to South Carolina
238. *Pseudotriton montanus diastictus* Bishop, 1941;
E.-cent. USA
239. *Pseudotriton montanus flavissimus* Hallowell, 1856;
SE. USA
240. *Pseudotriton montanus floridanus* Netting and Goin, 1942;
N. Florida & S. Georgia
241. *Pseudotriton ruber ruber* (Sonnini, 1802);
E. USA
242. *Pseudotriton ruber nitidus* Dunn, 1920;
cent.E. USA
243. *Pseudotriton ruber schencki* (Brimley, 1912);
cent.-E. USA
244. *Pseudotriton ruber vioscai* Bishop, 1928;
SE. USA
245. *Stereochilus marginatus* (Hallowell, 1856);
SE. Virginia to E. Georgia
246. *Typhlomolge rathbuni* Stejneger, 1896;
S.-cent. Texas
247. *Typhlomolge tridentifera* (Mitchell and Reddell, 1965);
S.-cent. Texas
248. *Typhlotriton spelaeus* Stejneger, 1892;
Ozarks of S.-cent. USA
- Tribe Plethodontini Gray, 1850
249. *Aneides aeneus* (Cope and Packard, 1881);
S. Ohio, SW. Pennsylvania to N. Alabama
250. *Aneides ferreus* Cope, 1869; N. California, coastal Oregon &
Vancouver Is., British Columbia

251. *Aneides flavipunctatus flavipunctatus* (Strauch, 1870);
NW. California to SW. Oregon
252. *Aneides flavipunctatus niger* Myers and Maslin, 1948;
N.-cent. coastal California
253. *Aneides hardyi* (Taylor, 1941);
S. New Mexico
254. *Aneides lugubris* (Hallowell, 1849);
coastal Calif. to N. Baja Calif., Mexico & Sierra Nevada
255. *Ensatina eschscholtzii eschscholtzii* Gray, 1850;
SW. coastal California
256. *Ensatina eschscholtzii croceator* (Cope, 1867);
Kern Co., California
257. *Ensatina eschscholtzii klauberi* Dunn, 1929;
interior S. California
258. *Ensatina eschscholtzii oregonensis* (Girard, 1857);
N. coastal California to SW. British Columbia
259. *Ensatina eschscholtzii picta* Wood, 1940;
NW. California & SW. Oregon
260. *Ensatina eschscholtzii platensis* (Espada, 1875);
Sierra Nevada, California
261. *Ensatina eschscholtzii xanthoptica* Stebbins, 1949;
coastal cent. California
262. *Plethodon caddoensis* Pope and Pope, 1951;
Arkansas
263. *Plethodon cinereus cinereus* (Green, 1818);
E. & cent. E. North America
264. *Plethodon cinereus polycentratus* Highton and Grobman, 1956;
W. Georgia
265. *Plethodon cinereus serratus* Grobman, 1944;
W.-cent Arkansas & adj. Oklahoma
266. *Plethodon dorsalis dorsalis* Baird IN Cope, 1889;
cent. Indiana to cent. Alabama
267. *Plethodon dorsalis angusticlavius* Grobman, 1944;
Ozarks—cent. USA
268. *Plethodon dunni* Bishop, 1934;
W. Oregon to SW. Washington
269. *Plethodon elongatus* Van Denburgh, 1916;
NW. California to SW. Oregon
270. *Plethodon glutinosus glutinosus* (Green, 1818);
E. USA to E. Texas
271. *Plethodon glutinosus albagula* Grobman, 1944;
S.-cent. Texas
272. *Plethodon jordani jordani* Blatchley, 1901;
North Carolina & Tennessee
273. *Plethodon jordani clemsonae* Brimley, 1927;
NW. South Carolina
274. *Plethodon jordani melaventris* Pope and Hairston, 1948;
North Carolina & South Carolina

275. *Plethodon jordani metcalfi* Brimley, 1912;
S. Virginia, S. West Virginia & W. North Carolina
276. *Plethodon jordani rabunensis* Pope and Hairston, 1948;
NE. Georgia
277. *Plethodon jordani shermani* Stejneger, 1906;
SW. North Carolina
278. *Plethodon jordani teyahalee* Hairston, 1950;
W. North Carolina
279. *Plethodon larselli* Burns, 1953;
boundary of W.-cent. Oregon & Washington
280. *Plethodon longicrus* Adler and Dennis, 1962;
W. North Carolina
281. *Plethodon neomexicanus* Stebbins and Riemer, 1950;
N. New Mexico
282. *Plethodon ouachitae* Dunn and Heintze, 1933;
W. Arkansas & E. Oklahoma
283. *Plethodon richmondi richmondi* Netting and Mittleman, 1938;
cent.-E. USA
284. *Plethodon richmondi hubrichti* Thurow, 1957;
NE. Virginia
285. *Plethodon richmondi nettingi* Green, 1938;
E. West Virginia
286. *Plethodon richmondi popei* Highton and Grobman, 1956;
SW. Virginia & adj. states
287. *Plethodon stormi* Highton and Brame, 1965;
California-Oregon border
288. *Plethodon vandykei vandykei* Van Denburgh, 1906;
NW. Washington
289. *Plethodon vandykei idahoensis* Slater and Slip, 1940;
N. Idaho
290. *Plethodon vehiculum* (Cooper, 1860);
NW. Oregon to SW. British Columbia
291. *Plethodon wehrlei wehrlei* Fowler and Dunn, 1917;
SW. New York to SW. Virginia
292. *Plethodon wehrlei dixi* Pope and Fowler, 1949;
SW. Virginia
293. *Plethodon welleri welleri* Walker, 1931;
NW. North Carolina
294. *Plethodon welleri ventromaculatum* Thurow, 1956;
NE. Tennessee, S. Virginia & NW. North Carolina
295. *Plethodon yonahlossee* Dunn, 1917;
NW. North Carolina
- Tribe Bolitoglossini Hallowell, 1856
- Supergenous *Batrachoseps* Bonaparte, 1839
296. *Batrachoseps attenuatus* (Eschscholtz, 1833);
coastal SW. Oregon to S. California & W. Sierra Nevada
297. *Batrachoseps pacificus pacificus* (Cope, 1865);
Channel Is., S. California

298. *Batrachoseps pacificus major* Camp, 1915;
S. California to N. Baja California, Mexico
299. *Batrachoseps wrighti* (Bishop, 1937);
inland NW. & cent.-W. Oregon
Supergenous *Hydromantes* Gistel, 1848
300. *Hydromantes brunus* Gorman, 1954;
Mariposa Co., Sierra Nevada, California
301. *Hydromantes genei* (Schlegel, 1838);
Sardinia
302. *Hydromantes italicus italicus* Dunn, 1923;
N. Italy
303. *Hydromantes italicus ambronii* Lanza, 1954;
Liguria, Italy
304. *Hydromantes italicus gormanii* Lanza, 1952;
Lucca, Italy
305. *Hydromantes italicus strinatii* Aellen, 1958;
Maritime Alps, S. France
306. *Hydromantes platycephalus* (Camp, 1916);
Sierra Nevada, California
307. *Hydromantes shastae* Gorman and Camp, 1953;
N. California—S. of Mt. Shasta
Supergenous *Bolitoglossa* Duméril, Bibron and Duméril, 1854
308. *Bolitoglossa adspersa* (Peters, 1863);
cent. Cordillera Oriental, Colombia
309. *Bolitoglossa altamazonica* (Cope, 1874);
N. Brazil, N. Bolivia, Colombia & E. Peru
310. *Bolitoglossa alvaradoi* Taylor, 1954;
E. Costa Rica
311. *Bolitoglossa arborescendens* Taylor, 1954;
E. Costa Rica
312. *Bolitoglossa bilineata* Lynch and Smith, 1966;
S. Oaxaca, Mexico
313. *Bolitoglossa biseriata* Tanner, 1962;
Panamá & NW. Colombia
314. *Bolitoglossa borburata* Trapido, 1942;
N. Venezuela
315. *Bolitoglossa brevipes* (Bumzahem and Smith, 1955);
SE. Chiapas, Mexico
316. *Bolitoglossa capitana* Brame and Wake, 1963;
cent. Cordillera Oriental, Colombia
317. *Bolitoglossa cerroensis* (Taylor, 1952);
Cordillera Talamanca, Costa Rica
318. *Bolitoglossa chica* Brame and Wake, 1963;
NW. Ecuador
319. *Bolitoglossa colonneae* (Dunn, 1924);
Costa Rica & W. Panamá
320. *Bolitoglossa cuchumatana* (Stuart, 1943);
cent.-W. Guatemala

321. *Bolitoglossa dofleini* (Werner, 1903);
cent. Guatemala
322. *Bolitoglossa dunni* (Schmidt, 1933);
W. Honduras
323. *Bolitoglossa engelhardti* (Schmidt, 1936);
SE. Guatemala & El Salvador
324. *Bolitoglossa epimela* Wake and Brame, 1963;
E. Costa Rica
325. *Bolitoglossa flavimembris* (Schmidt, 1936);
SW. Guatemala
326. *Bolitoglossa flaviventris* (Schmidt, 1936);
coast of Chiapas, Mexico
327. *Bolitoglossa franklini* (Schmidt, 1936);
SW. Guatemala
328. *Bolitoglossa helmrichi* (Schmidt, 1936);
SW. Guatemala
329. *Bolitoglossa hypacra* (Brame and Wake, 1962);
N. Cordillera Occidental, Colombia
330. *Bolitoglossa lignicolor* (Peters, 1873);
Costa Rica & Panamá
331. *Bolitoglossa lincolni* (Stuart, 1943);
SW. Guatemala
332. *Bolitoglossa macrinii* (Lafrentz, 1930);
SW. Oaxaca, Mexico
333. *Bolitoglossa marmorea* (Tanner and Brame, 1961);
WSW. Panamá
334. *Bolitoglossa mexicana mexicana* Duméril, Bibron and
Duméril, 1854; E. Chiapas, Mexico & SW. Guatemala
335. *Bolitoglossa mexicana mulleri* (Brocchi, 1883);
cent. Guatemala
336. *Bolitoglossa mexicana odonelli* (Stuart, 1943);
cent. Guatemala
337. *Bolitoglossa morio* (Cope, 1869);
S.-cent. Guatemala
338. *Bolitoglossa nicefori* Brame and Wake, 1963;
N.-cent. Cordillera Oriental, Colombia
339. *Bolitoglossa nigrescens* (Taylor, 1949);
Cordillera Talamanca, Costa Rica
340. *Bolitoglossa nigroflavescens* Taylor, 1941;
SW. Chiapas, Mexico
341. *Bolitoglossa occidentalis* Taylor, 1941;
coastal Chiapas, Mexico & SW. Guatemala
342. *Bolitoglossa omniunsanctorum* (Stuart, 1952);
W.-cent. Guatemala
343. *Bolitoglossa orestes* Brame and Wake, 1962;
NW. Venezuela
344. *Bolitoglossa palmata* (Werner, 1897);
cent. Ecuador

345. *Bolitoglossa pandi* Brame and Wake, 1963;
Cordillera Oriental, Colombia
346. *Bolitoglossa peruviana* (Boulenger, 1883);
N.-cent. Peru to SE. Ecuador
347. *Bolitoglossa phalarosoma* Wake and Brame, 1962;
Medellín, Colombia
348. *Bolitoglossa platydactyla* (Gray, 1831);
San Luis Potosí, S. to S. Veracruz & Oaxaca, Mexico
349. *Bolitoglossa resplendens* McCoy and Walker, 1966;
ESE. Chiapas, Mexico
350. *Bolitoglossa riletti* Holman, 1964;
SW. Oaxaca, Mexico
351. *Bolitoglossa robusta* (Cope, 1894);
cent. Costa Rica
352. *Bolitoglossa rostrata* (Brocchi, 1883);
ESE. Chiapas, Mexico & WSW. Guatemala
353. *Bolitoglossa rufescens* (Cope, 1869);
San Luis Potosí, Mexico to W. Honduras
354. *Bolitoglossa salvinii* (Gray, 1869);
Pacific Coast of Guatemala
355. *Bolitoglossa savagei* Brame and Wake, 1963;
Nevada de Santa Marta, Colombia
356. *Bolitoglossa schizodactyla* Wake and Brame, 1966;
Panamá
357. *Bolitoglossa schmidtii* (Dunn, 1924);
WNW. Honduras
358. *Bolitoglossa sima* (Vaillant, 1911);
NNW. Ecuador
359. *Bolitoglossa sooyorum* Vial, 1963;
Cordillera Talamanca, Costa Rica
360. *Bolitoglossa striatula* (Noble, 1918);
Honduras to N. Costa Rica
361. *Bolitoglossa subpalmata subpalmata* (Boulenger, 1896);
Costa Rica & W. Panamá
362. *Bolitoglossa subpalmata pesrubra* (Taylor, 1952);
Cordillera Talamanca, Costa Rica
363. *Bolitoglossa subpalmata torresi* (Taylor, 1952);
Cordillera Talamanca, Costa Rica
364. *Bolitoglossa valleculea* Brame and Wake, 1963;
Cordillera Central, NW. Colombia
365. *Bolitoglossa veracrucis* Taylor, 1951;
Veracruz, Mexico
366. *Bolitoglossa yucatanica* (Peters, 1882);
Yucatan, Mexico
367. *Chiropterotriton abscondens* Taylor, 1948;
N.-cent. Costa Rica
368. *Chiropterotriton arboreus* (Taylor, 1941);
Hidalgo & Puebla, Mexico

369. *Chiropterotriton barbouri* (Schmidt, 1936);
NW. Honduras
370. *Chiropterotriton bromeliacia* (Schmidt, 1936);
WSW. Guatemala
371. *Chiropterotriton chiropterus* (Cope, 1863);
Puebla, Veracruz & Morelos, Mexico
372. *Chiropterotriton chondrostega chondrostega* (Taylor, 1941);
N. Hidalgo, Mexico
373. *Chiropterotriton chondrostega cracens* Rabb, 1958;
SW. Tamaulipas, Mexico
374. *Chiropterotriton chondrostega terrestris* (Taylor, 1941);
Hidalgo & N. Veracruz, Mexico
375. *Chiropterotriton dimidiatus* (Taylor, 1939);
S. Hidalgo, Mexico
376. *Chiropterotriton lavae* (Taylor, 1942);
Veracruz, Mexico
377. *Chiropterotriton magnipes* Rabb, 1965;
San Luis Potosí, Mexico
378. *Chiropterotriton megarhinus* Rabb, 1960;
WSW. Chiapas, Mexico
379. *Chiropterotriton mosaueri* (Woodall, 1941);
Hidalgo, Mexico
380. *Chiropterotriton multidentatus* (Taylor, 1938);
San Luis Potosí, Hidalgo & Tamaulipas, Mexico
381. *Chiropterotriton nasalis* (Dunn, 1924);
WNW. Honduras
382. *Chiropterotriton picadoi* (Stejneger, 1911);
S. of Cartago, Costa Rica
383. *Chiropterotriton prisca* Rabb, 1956;
Nuevo León, Mexico
384. *Chiropterotriton xolocalcae* (Taylor, 1941);
SW. Chiapas, Mexico
385. *Lineatriton lineola* (Cope, 1865);
E.-cent. Veracruz, Mexico
386. *Oedipina alfaroi* Dunn, 1921;
E. Costa Rica
387. *Oedipina alleni* Taylor, 1954;
SW. Costa Rica
388. *Oedipina bonitaensis* Taylor, 1952;
cent. N. Costa Rica
389. *Oedipina collaris* (Stejneger, 1907);
E. Nicaragua, E. Costa Rica & Panamá
390. *Oedipina complex* (Dunn, 1924);
Panamá, W. Colombia & NW. Ecuador
391. *Oedipina cyclocauda* Taylor, 1952;
E. Honduras to E. Costa Rica
392. *Oedipina elongata* (Schmidt, 1936);
E.-cent. Chiapas, Mexico, N. Guatemala & British Honduras

393. *Oedipina gracilis* Taylor, 1952;
E. Costa Rica
394. *Oedipina ignea* Stuart, 1952;
SW. Guatemala
395. *Oedipina inusitata* Taylor, 1952;
E. Costa Rica
396. *Oedipina longissima* Taylor, 1952;
cent. Costa Rica
397. *Oedipina pacificensis* Taylor, 1952;
W. Costa Rica
398. *Oedipina parvipes* (Peters, 1879);
W. Costa Rica, Panamá & W. Colombia
399. *Oedipina poelzi* Brame, 1963;
N. Costa Rica
400. *Oedipina syndactyla* Taylor, 1948;
cent.-N. Costa Rica
401. *Oedipina taylora* Stuart, 1952;
SSE. Guatemala & El Salvador
402. *Oedipina uniformis* Keferstein, 1868;
Costa Rica, W. Panamá & W. Nicaragua
403. *Oedipina vermicularis* (Gray, 1868);
Costa Rica
404. *Parvimolge praecellens* Rabb, 1955;
Veracruz, Mexico
405. *Parvimolge richardi* Taylor, 1949;
cent.-N. Costa Rica
406. *Parvimolge townsendi* (Dunn, 1922);
cent. Veracruz, Mexico
407. *Pseudoeurycea altamontana* (Taylor, 1938);
Puebla & Morelos, Mexico
408. *Pseudoeurycea belli* (Gray, 1849);
W. & S.-cent. Mexico
409. *Pseudoeurycea brunnata* Bumzahem and Smith, 1955;
SE. Chiapas, Mexico
410. *Pseudoeurycea cephalica cephalica* (Cope, 1865);
Veracruz, Puebla, México & Morelos, Mexico
411. *Pseudoeurycea cephalica manni* (Taylor, 1938);
S. Hidalgo, Mexico
412. *Pseudoeurycea cephalica rubrimembris* (Taylor and
Smith, 1945); N. Hidalgo, Mexico
413. *Pseudoeurycea cochranae* (Taylor, 1943);
Oaxaca, Mexico
414. *Pseudoeurycea exspectata* Stuart, 1954;
S. Guatemala
415. *Pseudoeurycea firscheini* Shannon and Werler, 1955;
Veracruz, Mexico
416. *Pseudoeurycea gadovii* (Dunn, 1926);
Puebla & Veracruz, Mexico

417. *Pseudoeurycea galeanae* (Taylor, 1941);
Nuevo León, Mexico
418. *Pseudoeurycea gigantea* (Taylor, 1938);
E. Hidalgo, N. Puebla & N. Veracruz, Mexico
419. *Pseudoeurycea goebeli* (Schmidt, 1936);
WSW. Guatemala
420. *Pseudoeurycea juarezi* Regal, 1966;
N.-cent. Oaxaca, Mexico
421. *Pseudoeurycea leprosa* (Cope, 1869);
Veracruz, Puebla, Morelos & México, Mexico
422. *Pseudoeurycea melanomolga* (Taylor, 1941);
Puebla & Veracruz, Mexico
423. *Pseudoeurycea nigromaculata* (Taylor, 1941);
Veracruz, Mexico
424. *Pseudoeurycea rex* (Dunn, 1921);
W. & SW. Guatemala
425. *Pseudoeurycea robertsi* (Taylor, 1938);
México, Mexico
426. *Pseudoeurycea scandens* Walker, 1955;
SW. Tamaulipas, Mexico
427. *Pseudoeurycea smithi* (Taylor, 1938);
N.-cent. Oaxaca, Mexico
428. *Pseudoeurycea sulcata* (Brocchi, 1883);
Oaxaca, Mexico
429. *Pseudoeurycea unguidentis* (Taylor, 1941);
N.-cent. Oaxaca, Mexico
430. *Pseudoeurycea werleri* Darling and Smith, 1954;
Veracruz, Mexico
431. *Thorius dubitus* Taylor, 1941;
E.-cent. Veracruz & Puebla, Mexico
432. *Thorius macdougalli* Taylor, 1949;
S. Oaxaca, Mexico
433. *Thorius maxillabrochus* Gehlbach, 1959,
Puebla, Mexico
434. *Thorius minutissimus* Taylor, 1949;
Oaxaca, Mexico
435. *Thorius narisovalis* Taylor, 1939;
N.-cent. Oaxaca, Mexico
436. *Thorius pennatulus pennatulus* Cope, 1869;
E.-cent. Veracruz, Mexico
437. *Thorius pennatulus narismagnus* Taylor, 1939;
E.-cent. Veracruz, Mexico
438. *Thorius pulmonaris* Taylor, 1939;
N.-cent. Oaxaca, Mexico
439. *Thorius schmidtii* Gehlbach, 1959;
Puebla Mexico
440. *Thorius troglodytes* Taylor, 1941;
Veracruz, Mexico

GENERA AND SPECIES OF FOSSIL SALAMANDERS

ORDER CAUDATA Oppel, 1811

SUBORDER UNKNOWN

Family Vaughniellidae Kuhn, 1964

1. *Vaughniella urodeloides* Kuhn, 1964—L. Perm.;
New Mexico

Family Hylaeobatrachidae Von Huene, 1931

2. *Hylaeobatrachus croyi* Dollo, 1884—L. Cret.;
Belgium

SUBORDER CRYPTOBRANCHOIDEA Dunn, 1922

Family Hynobiidae Cope, 1859

3. *Wolterstorffiella wiggeri* Herre, 1950—Paleoc.;
Germany

Family Cryptobranchidae Cope, 1889

4. *Andrias matthewi* (Cook, 1917)—M. Mioc. to L. Plioc.;
Nebraska & Colorado
5. *Andrias scheuchzeri* (Tschudi, 1835)—Olig. to U. Mioc.;
Germany, Czechoslovakia & Switzerland
- 5a. *Piceoerpeton willwoodensis* Mesozoely 1967—Eoc.;
Wyoming
6. *Zaisanurus belajevi* Tshernov, 1959—Olig. ? L. Mioc.;
Kazakstan, USSR

Family Scapherpetonidae Auffenberg and Goin, 1959

7. *Lisserpeton bairdi* Estes, 1965—U. Cret.;
Montana & Wyoming
8. *Scapherpeton tectum* Cope, 1877—U. Cret. to U. Paleoc.;
Montana, Wyoming, Saskatchewan & Alberta

SUBORDER SIRENOIDEA Goodrich, 1930

Family Sirenidae Gray, 1825

9. *Habrosaurus dilatus* Gilmore, 1928—U. Cret.;
Wyoming
10. *Prosiren elinorae* Goin and Auffenberg, 1958—L. Cret.;
Texas
11. *Pseudobranchus robustus* Goin and Auffenberg, 1955—Pleist.;
Florida
12. *Pseudobranchus vetustus* Goin and Auffenberg, 1955—Plioc.;
Florida
13. *Siren dunni* Goin and Auffenberg, 1957—M. Eoc.;
Wyoming
14. *Siren hesternae* Goin and Auffenberg, 1955—L. Mioc.;
Florida
15. *Siren simpsoni* Goin and Auffenberg, 1955—Plioc.;
Florida

SUBORDER SALAMANDROIDEA Sarasin, 1890

Family Proteidae Tschudi, 1839

16. *Orthophya longa* Meyer, 1845—Mioc.;
Switzerland

17. *Orthophyia solida* Meyer, 1853—Mioc.;
Switzerland
18. *Palaeoproteus klatti* Herre, 1935—M. Eoc.;
Germany
19. *Proteus bavaricus* Brunner, 1956—Pleist.;
Germany

Family unknown

20. *Comonecturoides marshi* Hecht and Estes, 1960—Juras.;
Wyoming

Family Salamandridae Gray, 1825

21. *Archaeotriton basalticus* Meyer, 1859—Mioc.;
Czechoslovakia
22. *Archaeotriton menzeli* Laube, 1898—Olig.;
Czechoslovakia
23. *Brachycormus noachicus* (Goldfuss, 1831)—L. Mioc.;
Germany
24. *Chelotriton paradoxus* Pomel, 1853—U. Olig. to U. Mioc.;
France & Germany
25. *Grippiella mohrae* Herre, 1949—U. Olig. to M. Mioc.;
France & Germany
26. *Heliarchon furcillatus* Meyer, 1864—L. Mioc.;
Germany
27. *Heteroclitotriton zitteli* De Stefano, 1903—Eoc. Olig.;
France
28. *Koalliella genzeli* Herre, 1950—Paleoc.;
Germany
29. *Megalotriton filholi* Zittel, 1890—Eoc.;
France
30. *Megalotriton portisi* De Stefano, 1903—Eoc.-Olig.;
France
31. *Notophthalmus robustus* Estes, 1963—L. Mioc.;
Florida
32. *Oligosemia ankei* Herre, 1949—Mioc.;
Germany
33. *Oligosemia gehardti* Herre, 1949—Mioc.;
Germany
34. *Oligosemia spinosa* Navas, 1922—Olig.;
Spain
35. *Palaeopleurodeles hauffi* Herre, 1941—U. Mioc.;
Germany
36. *Palaeosalamandra kohlitzii* Herre, 1949—M. Mioc.;
Germany
37. *Palaeosalamandra renschi* Herre, 1949—M. Mioc.;
Germany
38. *Palaeosalamandrina dehmi* Herre, 1949—M. Mioc.;
Germany
39. *Palaeotaricha oligocenica* van Frank, 1955—U. Olig.;
Oregon

40. *Polysemia ogygia* (Goldfuss, 1831)—Mioc.;
Germany
41. *Polysemia rusconi* (Costa, 1851)—Cret. ?;
Italy
42. *Praesalamandra goessweinsteinia* Brunner, 1957—Pleist.;
Germany
43. *Praesalamandra pottensteinia* (Brunner, 1956)—Pleist.;
Germany
44. *Praesalamandra sirenoides* Brunner, 1957—Pleist.;
Germany
45. *Procyonops miocenicus* Chung-Chien, 1965—U. Mioc.;
Shantung, China
46. *Salamandra broilii* Schlosser, 1922—M. Olig.-M. Mioc.;
Germany
47. *Salamandra goussardiana* Lartet, 1839—Mioc.;
France
48. *Salamandra mimula* Brunner, 1957—Pleist.;
Austria
49. *Salamandra perversa* Brunner, 1957—Pleist.;
Austria
50. *Salamandra sansaniense* Lartet, 1839—Mioc.;
France
51. *Tischleriella buddenbrocki* Herre, 1949—U. Olig.-M. Mioc.;
Germany & France
52. *Tischleriella langi* Herre, 1949—L. to U. Mioc.;
Germany & France
53. *Tischleriella remanei* Herre, 1949—U. Olig.-M. Mioc.;
Germany
54. *Triturus lacasianum* (Lartet, 1839)—Mioc.;
France
55. *Triturus megacephalus* (Costa, 1864)—Cret. ?;
Italy
56. *Triturus opalinus* (Meyer, 1851)—Mioc.;
Czechoslovakia
57. *Triturus rohrsi* Herre, 1955—Mioc.;
Germany
58. *Triturus sansaniense* (Lartet, 1839)—Mioc.;
France
59. *Triturus schnaitheimi* Herre and Lunau, 1950—M. Mioc.;
Germany
60. *Triturus wintershoferi* Lunau, 1949—M. Mioc.;
Germany
61. *Tylototriton kosswigi* Herre, 1949—Mioc.;
Germany
62. *Tylototriton laticeps* (Meyer, 1858)—Mioc.;
Czechoslovakia
63. *Tylototriton primigenius* Noble, 1928—U. Mioc.;
Switzerland

64. *Tylototriton weigelti* Herre, 1935—M. Eoc.;
Germany
65. *Voigtiella ludwigi* Herre, 1949—L., M. Mioc.;
Germany
- Family Batrachosauroididae Auffenberg, 1958
66. *Batrachosauroides dissimulans* Taylor and
Hesse, 1943—U. Mioc.; Texas
- Family Amphiumidae Cope, 1866
67. *Amphiuma norica* Brunner, 1956—Pleist.;
Germany
- SUBORDER AMBYSTOMATOIDEA Noble, 1931
- Family Ambystomatidae Hallowell, 1858
68. *Ambystoma hibbardi* Tihen, 1955—U. Plioc.;
Kansas
69. *Ambystoma kansense* (Adams and Martin, 1929)—M. Plioc.;
Kansas
70. *Ambystoma minshalli* Tihen and Chantell, 1963—L. Plioc.;
Nebraska
71. *Ambystomichnus montanensis* (Gilmore, 1928)—Paleoc.;
Montana
72. *Bargmannia wettsteini* Herre, 1955—Mioc.;
Czechoslovakia
- Family unknown
73. *Dehmiella schindewolfi* Herre and Lunau, 1950—M. Mioc.;
Germany
74. *Geyeriella mertensi* Herre, 1950—Paleoc.;
Germany
- Family Plethodontidae Gray, 1850
- Subfamily Desmognathinae Cope, 1866
75. *Opisthotriton kayi* Auffenberg, 1961—U. Cret.-L. Paleoc.;
Wyoming & Montana
76. *Prodesmodon copei* Estes, 1964—U. Cret.;
Wyoming

LITERATURE CITED

BRAME, ARDEN H., JR.

1957. A list of the World's recent Caudata. Privately publ.: 1-21.

1958. A list of the World's fossil Caudata. Privately publ.: 1-5.

WAKE, DAVID B.

1966. Comparative osteology and evolution of the lungless salamanders,
Family Plethodontidae. *Mem. Southern California Acad. Sci.*, 4: 1-111,
Figs. 1-33.

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