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A SURVEY OF OFFICIALLY REJECTED
NOMINAL HERPETOLOGICAL TAXA
AND
THEIR ALLOCATIONS

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INTRODUCTION

All herpetologists undertaking taxonomic work should utilize the recent summary (Melville and Smith, 1987) of all names and works placed through 1985 on the Official Lists and Indices of the International Commission on Zoological Nomenclature (available, together with a mimeographed supplement covering 1986-1988, from the International Trust for Zoological Nomenclature, c/o British Museum (Natural History), Cromwell Road, London SW7 5BD, England (£60 or \$110), or from the American Association for Zoological Nomenclature, c/o NHB Stop 163, National Museum of Natural History, Washington, DC 20560 U.S.A. (\$110 or \$100 to members of A.A.Z.N.)).

Although a mandatory reference for much taxonomic work, Melville and Smith's compilation contains no indication of the major group of animals to which individual rejected names belong, and no index to these for any such group. Conserved names are allocated to animal group, and are listed in an index for each group, but rejected names are not so treated. Our goal here is thus to provide a list of all rejected names of amphibians and reptiles, inasmuch as those names, as well as available ones, need to be dealt with in synoptic taxonomic works.

Our list has been drawn exclusively from Melville and Smith (1987), except for names appearing in more recent Opinions, through no. 1517, 1988. Opinion numbers follow only those entries published after 1985. Although assuredly the survey is complete for Opinions 1369 et seq., since we have examined all of them, no attempt has been made to examine all of the first 1368 Opinions, since they are covered in Melville and Smith's work. However, our recognition of suppressed herpetological names depended upon familiarity with them or the cited works, since the major group to which any rejected name pertains was never given (and was not in earlier Indexes). Hence some names may inadvertently have been missed.

A total of 12 family-group names, 87 genus-group names and 101 species-group names is included in the following survey, alphabetically arranged in each group. Appended cross-indexes arrange all 200 names in accordance with the nine orders of amphibians and reptiles to which they belong.

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FAMILY-GROUP NAMES

AGAMOIDEA Fitzinger, 1826, Neue Classif. Rept.: 11, 17 (an incorrect original spelling for Agamidae Fitzinger, 1826, as

corrected; non-existent nomenclaturally; type genus Agama Daudin, 1802).

AMBYSTOMIDAE Hallowell, 1856, Proc. Acad. Nat. Sci. Philadelphia 8:11 (an incorrect original spelling for Ambystomatidae Hallowell, 1856, as corrected; non-existent nomenclaturally; type genus Ambystoma Tschudi, 1838).

CAECILIIDAE Rafinesque-Schmaltz, 1814, Specc. Sci. Giorn. Encicl. Sicilia 2:104 (an incorrect original spelling of Caeciliaidae Rafinesque-Schmaltz, 1814, as corrected; non-existent nomenclaturally; type genus Caecilia Linnaeus, 1758). Op. 1462.

CECILINIA Rafinesque-Schmaltz, 1814, Specc. Giorn. Encicl. Sicilia 2:104 (an incorrect original spelling of Caeciliaidae Rafinesque-Schmaltz, 1814, as corrected; non-existent nomenclaturally; type genus Caecilia Linnaeus, 1758). Op. 1462.

HATTERIIDAE Cope, 1864, Proc Acad. Nat. Sci. Philadelphia 16:227 (suppressed in priority but not homonymy contexts, making it a jr. synonym of Sphenodontidae Cope, 1870, the earliest available family-group name for its family; type genus Hatteria Gray, 1842, a jr. synonym of Sphenodon Gray, 1831).

LEIOPELMIDAE Turbot, 1942, Trans. Roy. Soc. New Zealand 71:247 (a jr. synonym of Leiopelmatidae Mivart, 1869; type genus Leiopelma Fitzinger, 1861).

LIOPELMATINA Mivart, 1869, Proc. Zool. Soc. London 1869: 291 (an incorrect original spelling of Leiopelmatidae Mivart, 1869, as corrected; non-existent nomenclaturally; type genus Leiopelma Fitzinger, 1861).

LIOPELMIDAE Noble, Am. Mus. Novitates (132): 9(a jr. synonym of Leiopelmatidae Mivart, 1869, as corrected; type genus Leiopelma Fitzinger, 1861).

RHYNCHOCEPHALIDAE Hoffmann, 1881, Bronn's Klass. Ordn. Thierr. 6(3):1065 (invalid because name of its type genus, Rhynchocephalus Owen, 1845, is a jr. homonym of Rhynchocephalus Fischer von Waldheim, 1806, a dipterous insect; Owen's name is also a jr. synonym of Sphenodon Gray, 1831, and Hoffmann's name is a jr. synonym of Sphenodontidae Cope, 1870).

STELLIONIDAE Bell, 1825, Zool. J. 1:457 (ruled invalid because its type genus, Stellio Daudin, 1802, was drawn from Stellio Laurenti, 1786, a nomen dubium because its type species, S. saxatilis, is unidentifiable; neither Laurenti name has been rejected, however, and Stellio has commonly been regarded as an invalid sr. synonym of Agama Daudin, 1802; the family name is likewise an invalid sr. synonym of Agamidae Gray, 1827).

STELLIONIDAE Gray, 1825, Ann Philos. (2) 10:196 (invalid as a jr. synonym of Stellionidae Bell, and also for the same reason that Bell's name is invalid).

TUPINAMBIDAE Gray, 1825, Ann. Philos., (2) 10:199 (unavailable and non-existent nomenclaturally because the name of the type genus, Tupinambis Daudin, 1802, was not regarded as valid when the family-group name was established; hence the name Tupinambidae cannot replace the currently accepted name Teiidae Gray, 1827, as it would otherwise do).

GENUS-GROUP NAMES

Acrodytes Fitzinger, 1843, Syst. Rept.: 30 (suppressed in priority but not in homonymy contexts, in favor of Phrynohyas Fitzinger, 1843:30, both having the same type species, Hyla venulosa Laurenti, 1768).

Ahaetulla Gray, 1825, Ann. Philos. (2)10:208 (invalid as a jr. homonym of Ahaetulla Link 1807, type species Ahaetulla mycterizans Link, 1807; a jr. synonym of the earlier Leptophis Bell, 1825, having the same type species, Coluber ahaetulla Linnaeus, 1758).

Amblystoma Agassiz, 1846, Nomencl. Zool. 6(Rept.): 2 (an unjustified emendation and jr. synonym of Ambystoma Tschudi, 1838). The date 1846, given in Opinion 649, is not correct. Vanzolini (1977:64) has shown that the probable year of publication of fascicle 6, containing reptiles and amphibians, was 1844, and certainly not later than 1845.

Amplyclephalus Kuhl and van Hasselt, 1822, Algemeene Konsten Letterbode, Haarlem 1: 101 (rejected in priority but not in homonymy contexts to protect Pareas Wagler, 1830, and Cemophora Cope, 1860, since the two species most logically assignable as type of Amplyclephalus (no species were originally included in the genus) belong one to Pareas, one to Cemophora, as now interpreted; since application of the rules of the Code was not suspended, Coluber coccineus Blumenbach, 1788, has to be accepted as the type species of Amplyclephalus, which is thus now a jr. synonym of Cemophora, of which Blumenbach's name is the type species).

Anaides Baird, 1851, Heck's Icon. Encyclop. Sci. 2:256 (an erroneous original spelling of Aneides Baird, 1851:257, hence non-existent nomenclaturally; also a jr. homonym of Anaides Westwood, 1842, for a beetle). As pointed out by Smith and Smith (1973:11) Heck's vol. 2 was not published in 1849 as

often cited, although as stated on the verso of the title page its publication was authorized in 1849.

Anodon Smith, 1829, Zool. J. 4:143 (although this name is antedated by Anodon Oken, 1815, a mollusc, the latter work has been rejected for nomenclatural purposes (Opinion 417), hence Anodon Smith is available; since its type species, Coluber scaber Linnaeus, 1758, is the same as that of Dasypeltis Wagler, 1830, Smith's name was suppressed in priority but not in homonymy contexts, thereby becoming a jr. synonym of Wagler's name).

Asthenognathus Bocourt, 1884, Bull. Sci. Soc. Philomath. Paris (7)8:149 (a jr. homonym of Asthenognathus Stimpson, 1858, a crustacean; the name is a jr. synonym of Sibon Fitzinger, 1826, since its type species, Petalognathus multifasciatus Jan, 1884, is a jr. synonym of Sibon d. dimidiata (Günther, 1872)).

Autodax Boulenger, 1887, Ann. Mag. Nat. Hist. (5)19:67 (a jr. synonym of Aneides Baird, 1851, having the same type species, Salamandra lugubris Hallowell, 1849; proposed as a substitute for Anaides Baird, 1851 (q.v.)).

Axolot Bonaparte, 1831, Giorn. Arcad. Sci. Lett. Arti 49:77 (suppressed in priority but not in homonymy contexts to protect Ambystoma Tschudi, 1838, of which it is now a jr. synonym, since its type species, Siren pisciformis Shaw, 1802, is a jr. synonym of Ambystoma mexicanum (Shaw, 1798)).

Axolotus Jarocki, 1822, Zoologia 3:179 (suppressed in priority but not in homonymy contexts to protect Ambystoma Tschudi, 1838, of which it is now a jr. synonym, since its type species, Siren pisciformis Shaw, 1802, is a jr. synonym of Ambystoma mexicanum (Shaw, 1798)).

Berus Oken, 1816, Lehrb. Naturgeschichte 3:234 (Oken's work has been rejected for nomenclatural purposes (Opinion 417), hence the name does not exist nomenclaturally and should not be cited as a synonym of anything).

Brachypus Fitzinger, 1826, Neue Classif. Rept.:20,50 (a jr. homonym of Brachypus Meyer, 1814, a bird; a sr. but invalid synonym of Bachia Gray, 1845, since its type species is Brachypus cuvieri Fitzinger, 1826, now Bachia cuvieri (Fitzinger, 1826)).

Centrocerus Fitzinger, 1843, Syst. Rept.:18,86 (a jr. homonym of Centrocerus Swainson, 1832, a bird, hence not valid; a jr. synonym of Uromastyx Merrem, 1820, since its type species is

Uromastix griseus Cuvier, 1827, a jr. synonym of Uromastix hardwickii Gray, 1827).

Chemelys Rafinesque-Schmaltz, 1832, Atl. J. and Friend of Knowledge 1:64 (suppressed in priority but not in homonymy contexts to protect Rhinoclemmys Fitzinger, 1835, of which it is now a jr. synonym, since its type species, Testudo verrucosa Walbaum, 1782, is a jr. synonym of Rhinoclemmys punctularia (Daudin, 1802)).

Cobra Laurenti, 1768, Specimen Medicum:103 (suppressed in priority but not homonymy contexts to protect Bitis Gray, 1842, of which it is now a jr. synonym, since its type species, Coluber atropos Linnaeus, 1758, now Bitis atropos (Linnaeus) is congeneric with Vipera (Echidna) arietans Merrem, 1820, the type species of Bitis and a conserved List name.)

Constrictor Laurenti, 1768, Specimen Medicum:106 (a jr. synonym of Boa Linnaeus, 1758, having the same type species, Boa constrictor Linnaeus, 1758, of which Constrictor formosissimus Laurenti, 1768, the type species of Constrictor, is a jr. synonym).

Cora Jan, 1863, Elenco Sist. Ofidi:74 (a jr. homonym of Cora Selys, 1853, for an odonate insect; type species Regina kirtlandii Kennicott; Clonophis Cope, 1888, with the same type species, is thus the oldest generic name for that species).

Coriudo Fleming, 1822, Phil. Zool. 2:271 (a jr. synonym of Dermochelys Blainville, 1816, having the same type species, Testudo coriacea Vandelli, 1761).

Crocodilus Bertrand, 1763, Dict. Univ. Foss. Propres Foss. Accid. 1:183 (Bertrand's work has been rejected for nomenclatural purposes (Opinion 592), and therefore names appearing therein do not exist in nomenclatural contexts; none should be assigned in synonymy to anything).

Dendraspis Fitzinger, 1843, Syst. Rept.:28 (suppressed in priority but not in homonymy contexts in order to protect Ophiophagus Günther, 1864, type species Hamadryas elaps Günther, 1858, a jr. synonym of Naja hannah Cantor, 1836, of which the type species of Dendraspis [not to be confused with Dendroaspis Schlegel, 1848], Naja bungarus Schlegel, 1837, is also a jr. synonym).

Dendrophis Boie, 1826, in Fitzinger, Neue Classif. Rept.:29 (a jr. synonym of Leptophis Bell, 1825, having the same type species, Coluber ahaetulla Linnaeus, 1758).

Dermatochelys Wagler, 1830, Natürl. Syst. Amph.:133 (a jr. synonym of Dermochelys Blainville, 1816, having the same type species, Testudo coriacea Vandelli, 1761).

Dermochelis Lesueur, 1829, *in* Cuvier, Règne Anim., Ed. 2, 2:14 (an incorrect subsequent spelling of Dermochelys Blainville, 1816; without nomenclatural status but commonly cited in synonymy of the latter name).

Diemichylus Cope, 1859, Proc. Acad. Nat. Sci. Philadelphia 11:128 (an incorrect subsequent spelling of Diemictylus Rafinesque, 1820; without nomenclatural status but commonly cited in synonymy of Notophthalmus Rafinesque, 1820, of which Diemictylus is a jr. synonym).

Diemyctelus Günther, 1901, Biologia Centrali-Am., Rept. Batr.:294 (an incorrect subsequent spelling of Diemictylus Rafinesque, 1820; without nomenclatural status but commonly cited in synonymy of Notophthalmus Rafinesque-Schmaltz, 1820, of which Diemictylus is a jr. synonym).

Diemyctylus Hallowell, 1856, Proc. Acad. Nat. Sci. Philadelphia 8:6-11 (an unjustified emendation of Diemictylus Rafinesque, 1820; an available but invalid jr. synonym of Notophthalmus Rafinesque, 1820, of which Diemictylus is a jr. synonym).

Discosomus Oken, 1816, Lehrb. Naturgeschichte 3:310 (Oken's work has been rejected for nomenclatural purposes (Opinion 417), hence the name does not exist nomenclaturally and should not be cited as a synonym of anything).

Draco Oken, 1816, Lehrb. Naturgeschichte 3:273 (same fate as Discosomus, preceding).

Dracunculus Wiegmann, 1834, Herp. Mex.:14 (a jr. homonym of Dracunculus Reichard, 1759, a nematode; type species Draco lineatus Daudin, 1802; hence a jr. synonym of Draco Linnaeus, 1758).

Dryinus Merrem, 1820, Tent. Syst. Amph.:15,136 (a jr. homonym of Dryinus Latreille, 1804, an insect, and a jr. synonym of Ahaetulla Link, 1807, having the same type species, A. mycterizans Link, 1807).

Dryophis Dalman, 1823, Anat. Entomol.:7 (a jr. synonym of Ahaetulla Link, 1807, having the same type species, A. mycterizans Link, 1807).

Enhydrus Rafinesque-Schmaltz, 1815, Analyse Nature:77 (an incorrect subsequent spelling of Enhydris Latreille, 1802;

without nomenclatural status but commonly cited in synonymy of the latter name).

Epirhexis Cope, 1866, J. Acad. Nat. Sci. Philadelphia (2)6:96 (rejected for priority but not homonymy purposes (Opinion 1024), to protect Syrrhophus Cope, 1878, since its type species, Batrachyla longipes Baird, 1859, is congeneric with the type species of Syrrhophus, namely S. marnockii Cope, 1878).

Eremiophilus Fitzinger, 1843, Syst. Rept.:32 (rejected in priority but not homonymy contexts in order to protect Kassina Girard, 1853, both having the same type species, Cystignathus senegalensis Duméril and Bibron, 1841).

Hamadryas Cantor, 1836, Asiatick Res. 19:87 (a jr. homonym of Hamadryas Hübner, 1808, a lepidopteran insect, and a sr. synonym, although invalid, of Ophiophagus Günther, 1864, type species Naja elaps Schlegel, 1843, a jr. synonym of Hamadryas hannah Cantor, 1836, type species of its genus). The original description of Hamadryas Cantor did not appear, as indicated in Opinion 789, in 1838 (Cantor, 1838), but in 1836 (Cantor, 1836). The 1836 description named the sole species (hence the type species) H. hannah, whereas the 1838 description named the sole species H. ophiophagus, without mention of the earlier name H. hannah.

Hatteria Gray, 1842, Zool. Misc. (2):72 (a jr. synonym of Sphenodon Gray, 1831, having the same type, Hatteria punctata Gray, 1842).

Herpeton Oken, 1816, Lehrb. Naturgeschichte 3:282 (this work by Oken has been rejected for nomenclatural purposes, hence the name does not exist nomenclaturally and should not be cited as a synonym of anything).

Ibiba Gray, 1825, Ann. Phil. 10:209 (rejected in priority but not homonymy contexts to protect Boiga Fitzinger, 1826, since both have the same type species, Coluber irregularis Merrem). Op. 1374.

Liopelma Günther, 1868, Proc. Zool. Soc. London 36:478 (an unjustified emendation of Leiopelma Fitzinger, 1861; an available but invalid jr. synonym of the latter name).

Mabouia Cuvier, 1829, Règne Animal, Ed. 2, 2:62 (an incorrect subsequent spelling of Mabuya Fitzinger, 1826; without nomenclatural status but commonly cited in synonymy of the latter name).

Mabouya Duméril and Bibron, 1839, Erp. Gén. 5:663, 671 (an incorrect subsequent spelling of Mabuya Fitzinger, 1826; without nomenclatural status but commonly cited in synonymy of the latter name).

Mabuia Cuvier, 1829, Règne Animal, Ed. 2, 2:64 (an incorrect subsequent spelling of Mabuya Fitzinger, 1826; without nomenclatural status but commonly cited in synonymy of the latter name).

Mabuya Rafinesque-Schmaltz, 1815, Analyse Nature:76 (a nomen nudum, without nomenclatural status, antedating but not displacing Mabuya Fitzinger, 1826).

Notophthalma Gray, 1858, Proc. Zool. Soc. London 26:138 (an incorrect subsequent spelling of Notophthalmus Rafinesque, 1820; without nomenclatural status but commonly cited in synonymy of the latter name).

Notophthalmia Gray, 1850, Cat. Batr. Grad. Brit. Mus.:22 (an incorrect subsequent spelling of Notophthalmus Rafinesque, 1820; without nomenclatural status but commonly cited in synonymy of the latter name).

Notophthalmus Baird, 1850, J. Acad. Nat. Sci. Philadelphia (2)1(4):284 (an incorrect subsequent spelling of Notophthalmus Rafinesque, 1820; without nomenclatural status but commonly cited in synonymy of the latter name).

Oedipus Tschudi, 1838, Mém. Soc. Sci. Nat. Neuchâtel 2:28 (invalid as a jr. homonym of Oedipus Berthold, 1827, for an orthopteran insect, itself suppressed in priority but not in homonymy contexts to restore order in nomenclature of the genus now accepted as Bolitoglossa Duméril, Bibron and Duméril, 1854, whose type species is Salamandra platydactylus Gray, 1831, the same as for Oedipus Tschudi).

Ophidion Pomel, 1853, Cat. Méth. Vert. Foss. Loire:128 (a jr. homonym of Ophidion Linnaeus, 1758, for a fish; Ophidioniscus a substitute name, Kuhn, 1963; type species Ophidion antiquus Pomel, 1853; a fossil snake probably referable to Boidae).

Palaeotriton Fitzinger, 1837, Ann. Wien. Mus. Naturgesch. 2:186 (rejected in priority but not homonymy contexts to protect Andrias Tschudi, 1837, type Salamandra scheuchzeri Holl, 1831; Palaeotriton type species Salamandra gigantea Meyer, 1832, a jr. synonym of S. scheuchzeri and also a jr. homonym of Salamandra gigantea Barton, 1808, a jr. synonym of Cryptobranchus alleganiensis Daudin, 1802).

Palmatotriton Smith, 1945, Ward's Nat. Sci. Bull. 19(1):4 (ruled a nomen nudum, without nomenclatural status; now incorrectly cited as a jr. synonym of Bolitoglossa Duméril, Bibron and Duméril, 1854, based on Bolitoglossa rufescens (Cope, 1869)).

Passerita Gray, 1825, Ann. Philos. 26:208 (a jr. synonym of Ahaetulla Link, 1807, both having the same type species, A. mycterizans Link, 1807).

Petrodactylus Oken, 1816, Lehrb. Naturg. 3:index (this work by Oken has been rejected for nomenclatural purposes (Opinion 417), hence the name does not exist nomenclaturally and should not be cited as a synonym of anything).

Philhydrus Brookes, 1828, Prodr. Syn. Anim. Brookesian Mus.:16 (rejected in priority but not homonymy contexts to protect Ambystoma Tschudi, 1838; type species Siren pisciformis Shaw, 1802, a jr. synonym of Gyrinus mexicanus Shaw, 1798).

Philodendros Fitzinger, 1843, Syst. Rept.:26 (rejected in priority but not homonymy contexts to protect Dromophis Peters, 1869, both having the same type species, Dendrophis praeornata Schlegel, 1837). Op. 1384.

Philodendrus Agassiz, 1846, Nomencl. Zool. Index Univ.:285 (an unjustified emendation of Philodendros Fitzinger, 1843; an available but invalid jr. synonym of Dromophis Peters, 1869). Op. 1384.

Phyllhydrus Gray, 1831, in Griffith's Cuvier, Anim. Kingd. 9, Syn. Spec.: 108 (rejected in priority but not homonymy contexts to protect Ambystoma Tschudi, 1838; type species Siren pisciformis Shaw, 1802, a jr. synonym of Gyrinus mexicanus Shaw, 1798).

Propus Oken, 1816, Lehrb. Naturg. 3:287 (this work by Oken has been rejected for nomenclatural purposes (Opinion 417), hence the name does not exist nomenclaturally and should not be cited as a synonym of anything).

Proteocordylus Eichwald, 1831, Zoologia Specialis (3):165 (rejected in priority but not in homonymy contexts to protect Andrias Tschudi, 1837; type species P. diluvii Eichwald, 1831, a jr. synonym of Salamandra scheuchzeri Holl, 1831, type species of Andrias).

Pterodactylus Oken, 1816, Lehrb. Naturg. 3:312 (this work by Oken has been rejected for nomenclatural purposes (Opinion 417), hence the name does not exist nomenclaturally and should not be cited as a synonym of anything).

Rhinaspis Fitzinger, 1843, Syst. Rept.:25 (ruled a nomen nudum, as its type species, R. proboscideum Fitzinger, 1843, is a nomen nudum; neither name exists nomenclaturally but both are commonly cited in the synonymy of Simophis Peters, 1860, and its type species, Heterodon rhinostoma Schlegel, 1837; their synonymy includes Jan's 1863 occupation of Fitzinger's nomina nuda, as Rhinaspis proboscideus).

Rhinosimus Duméril, Bibron and Duméril, 1854, Erp. Gén. 7:991 (a jr. homonym of Rhinosimus Latreille, 1802, a genus of beetles; type species Rhinosimus guerini Duméril, Bibron and Duméril, 1854, now placed in Phimophis Cope, 1860, as its type species).

Rhinostoma Fitzinger, 1826, Neue Classif. Rept.:56,29 (rejected in priority but not homonymy contexts to protect Lystrophis Cope, 1885, type species Heterodon dorbignyi Duméril, Bibron and Duméril, of which Vipera nasua Wagler, 1830, is a jr. synonym through rejection in priority but not homonymy contexts; Rhinostoma was diagnosed but without an acceptable species, although two nomina nuda were named; subsequently Vipera nasua was designated type species).

Rhynchocephalus Owen, 1845, Trans. Geol. Soc. London (2)7:78 (a jr. synonym of Sphenodon Gray, 1831, having the same type species, Hatteria punctata Gray, 1842; also a jr. homonym of Rhynchocephalus Fischer von Waldheim, 1806, for a dipterous insect).

Scinci Oken, 1816, Lehrb. Naturg. 3:300 (this work by Oken has been suppressed for nomenclatural purposes (Opinion 417), hence the name does not exist nomenclaturally and should not be cited in the synonymy of anything).

Scincorum Oken, 1816, Lehrb. Naturg. 3:index (as in the preceding account for Scinci).

Siredon Wagler, 1830, Syst. Amph.:209,210 (rejected in priority but not in homonymy contexts to protect Ambystoma Tschudi, 1838; type species S. axolotl Wagler, 1830, a jr. synonym of Gyrinus mexicanus Shaw, 1898, now in Ambystoma).

Sirena Fischer von Waldheim, 1808, Zoognosia, Ed. 2:tab. iii (an unjustified emendation of Siren Linnaeus, 1766; an available but invalid jr. synonym of the latter name).

Sirene Oken, 1816, Lehrb. Naturg. 3:187 (this work by Oken has been rejected for nomenclatural purposes (Opinion 417), hence the name does not exist nomenclaturally and should not be cited as a synonym of anything; the name is also an unjustified emendation of Siren Linnaeus, 1766, as well as a jr. homonym of

an earlier, identical emendation, Sirene Link, 1794, which is a citeable jr. synonym of Siren).

Sirenodon Wiegmann, 1832, in Wiegmann and Ruthe, Handb. Zool., Ed. 2:204 (rejected in priority but not homonymy contexts to protect Ambystoma Tschudi, 1838; type species Siredon axolotl Wagler, 1830, a jr. synonym of Gyrinus mexicanus Shaw, 1798, now assigned to Ambystoma).

Sphaenodon Gray, 1831, Zool. Misc. (1):14 (ruled an incorrect original spelling, non-existent nomenclaturally, of Sphenodon Gray, 1831, type species, Hatteria punctata Gray, 1842; emended first to Sphenodon by Gray, 1872, and thus accepted by the ICZN).

Sphalerosophis Jan, 1865, in Filippi, Note Viaggio Persia:356 (an incorrect original spelling and jr. synonym of Spalerosophis Jan, 1865; Sphalerosophis Jan is therefore non-existent nomenclaturally).

Sphargis Merrem, 1820, Tent. Syst. Amph.:19 (a jr. synonym of Dermochelys Blainville, 1816, having the same type species, Testudo coriacea Vandelli, 1761; in the case of Sphargis, through a jr. synonym of T. coriacea, S. mercurialis Merrem, 1820).

Stegoporus Wiegmann, 1832, in Wiegmann and Ruthe, Handb. Zool., Ed. 2:204 (rejected in priority but not homonymy contexts in order to protect Ambystoma Tschudi, 1838; proposed as a substitute for Siredon Wagler, 1830, a jr. synonym of Gyrinus mexicanus Shaw, 1898, now in Ambystoma).

Stellio Daudin, 1802, Hist. Nat. Rept. 4:5 (a jr. homonym of Stellio Laurenti, 1768, a nomen dubium because its type species, S. saxatilis, is unidentifiable; neither Laurenti name has been rejected officially, however, and Stellio Laurenti has commonly been regarded as an invalid sr. synonym of Agama Daudin, 1802).

Tachyophis Mertens, 1934, Arch. Naturg. (n.f.) 3:197 (invalid as a jr. homonym of Tachyophis Rochebrune, 1884, a fossil snake; type species Coluber pictus Gmelin, 1788, now placed in Dendrelaphis Boulenger, 1890, as a valid species).

Tapaiia Oken, 1816, Lehrb. Natur. 3:vi (index) (this work by Oken has been rejected for nomenclatural purposes (Opinion 417), hence the name does not exist nomenclaturally, as of Oken, 1816, and should not be cited in the synonymy of anything, although commonly referred to Phrynosoma Wiegmann, 1828; also an incorrect original spelling of Tapaiia Oken, 1816, q. v.).

- Tapaja Oken, 1817, Isis von Oken 1817:1183 (rejected in priority but not in homonymy contexts to protect Phrynosoma Wiegmann, 1828, having the same type species, Lacerta orbicularis Linnaeus, 1758).
- Tapaja Oken, 1816, Lehrb. Naturg. 3:295 (this work by Oken was rejected for nomenclatural purposes (Opinion 417), hence the name does not exist nomenclaturally, and should not be cited in the synonymy of anything).
- Tapaya Fitzinger, 1826, Neue Classif. Rept.:17 (rejected in priority but not homonymy contexts to protect Phrynosoma Wiegmann, 1828, having the same type species, Lacerta orbicularis Linnaeus, 1758).
- Tapaya Oken, 1817, Isis von Oken 1817:1183 (an incorrect original spelling of Tapaja Oken, 1817, hence non-existent nomenclaturally).
- Tapayia Gray, 1825, Ann. Philos. 26:197 (rejected in priority but not in synonymy contexts to protect Phrynosoma Wiegmann, 1828, having the same type species, Lacerta orbicularis Linnaeus, 1758).
- Thermophilus Fitzinger, 1843, Syst. Rept.:21 (rejected in priority but not homonymy contexts to protect Ichnotropis Peters, 1854, both having the same type species, Algyra capensis A. Smith, 1838, in Thermophilus via Fitzinger's Tropidosaura capensis "Duméril and Bibron," in error for A. Smith, and in Ichnotropis via I. macrolepidota Peters, 1854, a jr. synonym of A. capensis Smith). Op. 1422.
- Tortrix Oppel, 1811, Ann. Mus. Nat. Hist. Nat. Paris 16(95):377,381 (rejected as a jr. homonym of Tortrix Linnaeus, 1758, a lepidopteran insect; type species Anguis scytale Linnaeus, 1758, still valid, now referred as type species to the genus Anilius Oken, 1816, of which Tortrix Oppel is a sr. synonym, but invalid).
- Tritropis Fitzinger, 1843, Syst. Rept.:59 (rejected in priority but not in homonymy contexts to protect Chalarodon Peters, 1854, having the same type species, Tropidogaster blainvillii Duméril and Bibron, 1837).
- Tropidogaster Duméril and Bibron, 1837, Erp. Gen. 4:329 (rejected in priority but not in homonymy contexts to protect Chalarodon Peters, 1854, having synonymous type species; see blainvillii in the species-group list)

Typhlina Wagler, 1830, Nat. Syst. Amph.:196 (rejected in priority but not in homonymy contexts to protect Leptotyphlops Fitzinger, 1843, type species Typhlops nigricans Schlegel, 1839, in which genus Anguis septemstriatus Schneider, 1801, the type species of Typhlina, also belongs).

Zygnis Oken, 1816, Lehrb. Naturg. 3:284 (this work by Oken has been rejected for nomenclatural purposes (Opinion 417), hence the name does not exist nomenclaturally, and should not be cited in the synonymy of anything).

SPECIES-GROUP NAMES

alamose, Kinosternon, Pritchard, 1979, Encyclopedia of Turtles: 556 (rejected in both priority and homonymy contexts to protect K. alamosae Berry and Legler, 1980; a non-existent name, nomenclaturally, that should not be cited as a synonym of anything).

alleghaniensis, Abranchus, Harlan, 1825, Ann. Lyceum Nat. Hist. New York 1(18):271 (an unjustified emendation and jr. synonym of Salamandra alleghaniensis Daudin, 1803, now Cryptobranchus alleghaniensis (Daudin)).

alligator, Lacerta, Blumenbach, 1779, Handb. Naturg. 1:263 (rejected in priority but not in homonymy contexts to protect Crocodylus mississippiensis Daudin, 1801, now Alligator mississippiensis (Daudin), of which it is a jr. synonym).

areolata, Lacerta, Houttuyn, 1787, Anim. Mus. Houtt. Index: 24 (this work by Houttuyn was suppressed for nomenclatural purposes (Opinion 380), hence this name should not be cited in the synonymy of anything, as it does not exist nomenclaturally, and is in addition unidentifiable).

atratus, Coluber, Gmelin, 1788, in Linnaeus, Syst. Nat., Ed. 13, 1: 1103 (rejected in both priority and homonymy contexts, by Gmelin or any other author, prior to erection of Coluber atratus Hallowell, 1845, now Ninia atrata (Hallowell), in order to protect the latter name; previous usages do not exist nomenclaturally and should not be cited in the synonymy of anything).

besseri, Anguis, Andrzejowski, 1832, Nouv. Mém. Soc. Imp. Nat. Moscou (2)2:338, tab. 22, fig. 7, tab. 24 (rejected in priority but not in homonymy contexts to protect Otophis eryx colchica Nordmann, 1840, now Anguis fragilis colchica, of which A. besseri is now a jr. synonym).

- bibronii, Trapelus (Psammorrhoea), Fitzinger, 1843, Syst. Rept.: 81 (rejected in both priority and homonymy contexts to protect Agama bibronii A. Duméril in Duméril and Bibron, 1851; Fitzinger's name was a sr. secondary homonym of Duméril's, having been transferred to the synonymy of Agama hispida aculeata Merrem, 1820; it does not now exist nomenclaturally).
- bilineatus, Psammophis moniliger, Peters, 1867, Monatsb. Akad. Wiss. Berlin 1867: 237 (rejected in priority but not in homonymy contexts to protect P. sibilans subtaeniata Peters, 1882, now P. subtaeniata Peters, of which bilineatus is now a jr. synonym).
- blainvillii, Tropidogaster, Duméril and Bibron, 1837, Erp. Gen. 4:300 (rejected in priority but not in homonymy contexts to protect Chalarodon madagascariensis Peters, 1854, of which blainvillii is now a jr. synonym).
- bosci, Rana, Bory de St. Vincent, 1828, Rés. Erp.: 266 (rejected in priority but not in homonymy contexts, to protect Rana esculenta perezii Seoane, 1885, now Rana perezii Seoane, of which the former is now a jr. synonym).
- caesius, Coluber, Cloquet, 1818, Dict. Sci. Nat. 11: 201 (rejected in priority but not in homonymy contexts to protect Coluber irregularis Leach, 1819, now Philothamnus irregularis (Leach), of which the former is now a jr. synonym).
- californiana, Aspidonectes, Rivers, 1889, Proc. California Acad. Sci. (2)2: 233-236 (rejected in priority but not in homonymy contexts to protect Trionyx steindachneri Siebenrock, 1906, of which the former is now a jr. synonym).
- chiametla, Coluber, Shaw, 1802, Gen. Zool. 3(2): 440 (rejected in priority but not in homonymy contexts to protect Herpetodryas margaritifera Schlegel, 1838, now Drymobius margaritifera (Schlegel), and Drymobius margaritifera fistulosus Smith, 1942, of which Shaw's name is now a jr. synonym).
- cincolor, Crotalus durissus, Notestein, 1905, 7th Rep. Michigan Acad. Sci.: 123 (ruled non-existent nomenclaturally because cited only in synonymy, of Crotalus horridus Linnaeus, 1758; presumably a lapsus for concolor, and presumably drawn from Jan, 1859, although the only source stated was "J").
- cinereous, Crotalus, Le Conte, 1852, in Hallowell, Proc. Acad. Nat. Sci. Philadelphia 5(5): 177 (rejected in priority but not in homonymy contexts to protect Crotalus atrox Baird and Girard, 1853, of which the former is now a jr. synonym).

- coerulea, Rana, Houttuyn, 1787, Anim. Mus. Houtt. Index: 19 (this work by Houttuyn has been suppressed for nomenclatural purposes (Opinion 380), hence the name does not exist nomenclaturally and is unidentifiable anyhow).
- colonorum, Agama, Daudin, 1802, Hist. Nat. Rept. 3: 336 (a jr. objective synonym of Lacerta agama Linnaeus, 1758, now A. a. agama (Linnaeus)).
- concolor, Crotalus durissus, Garman, 1883, Mem. Mus. Comp. Zool. 8: 175 (ruled non-existent nomenclaturally because cited only in synonymy, of C. horridus Linnaeus, 1758; name attributed to Jan, 1859).
- concolor, Crotalus durissus, Gloyd, 1940, Spec. Publ. Chicago Acad. Sci. 4:171 (ruled non-existent nomenclaturally because cited only in synonymy, of C. viridis decolor Klauber, 1930; name attributed to Jan, 1859).
- concolor, Crotalus durissus, Jan, 1859, Rev. Mag. Zool. (2)10: 153 (ruled non-existent nomenclaturally because a nomen nudum).
- cruciger, Bufo, Oken, 1816, Lehrb. Naturg. 3:209 (this work by Oken has been suppressed for nomenclatural purposes (Opinion 417), hence the name is non-existent nomenclaturally and should not be cited in the synonymy of any species).
- cupreus, Coluber, Houttuyn, 1787, Anim. Mus. Houtt. Index: 28 (this work by Houttuyn has been suppressed for nomenclatural purposes (Opinion 380), hence the name does not exist nomenclaturally and is unidentifiable).
- diglossis, Chirotas, Saenz, 1869, An. Univ. Nac. Est. Unidos Colombia 1869: 63 (rejected in priority but not in homonymy contexts to protect Heteroclonium bicolor Cope, 1896, now Bachia bicolor (Cope), of which Saenz' name is now a jr. synonym). Op. 1482.
- doliatus, Coluber, Linnaeus, 1766, Syst. Nat., Ed. 12, 1:376 (rejected in priority but not in homonymy contexts to protect Coluber coccineus Blumenbach, 1788, now Cemophora coccinea (Blumenbach), of which doliatus is now a jr. synonym).
- dorsata, Testudo, Schoepff, 1801, Naturg. Schildk.: 158 (rejected in priority but not in homonymy contexts to protect Testudo punctularia Daudin, 1802, now Rhinoclemmys punctularia (Daudin), of which dorsata is now a jr. synonym).
- dracaena, Lacerta, Linnaeus, 1766, Syst. Nat., Ed. 12, 1: 250 (rejected in priority but not in homonymy contexts to protect

Tupinambis bengalensis Daudin, 1802, now Varanus bengalensis (Daudin), of which dracaena is now a jr. synonym).

dubia, Amphisbaena, Rathke, 1863, Abh. K.-Bayer. Akad. Wiss. München 9(1): 128 (rejected in both priority and homonymy contexts to protect Amphisbaena dubia Müller, 1924; Rathke's name is non-existent nomenclaturally but was based on A. fuliginosa Linnaeus, 1758, and, more precisely, A. f. amazonica Vanzolini, 1951).

elaphis, Coluber, Shaw, 1802, Gen. Zool. 3: 450 (rejected in priority but not in homonymy contexts to protect Coluber scalaris Schinz, 1822, now Elaphe scalaris (Schinz), of which Shaw's name is now a jr. synonym).

ereticacauda, Triton, Eschscholtz, 1833, Zool. Atlas 5: 14 (rejected in priority but not in homonymy contexts to protect Salamandra lugubris Hallowell, 1849, now Aneides lugubris (Hallowell), of which Eschscholtz' name is now a jr. synonym).

erythronota, Salamandra, Rafinesque, 1818, Sci. J. 1: 25 (rejected in priority but not in homonymy contexts to protect Salamandra cinerea Green, 1818, now Plethodon cinereus (Green), of which Rafinesque's name is now a jr. synonym).

fasciata, Lacerta, Houttuyn, 1787, Anim. Mus. Houtt. Index: 24 (this work by Houttuyn has been rejected for nomenclatural purposes (Opinion 380), hence the name does not exist nomenclaturally, and besides is unidentifiable).

fasciata, Rana, Burchell, 1824, Travels Interior South Africa 2: 32 (rejected in priority but not in homonymy contexts to protect Rana grayi Smith, 1849, of which Burchell's name is now a jr. synonym; in addition, all other uses of Rana fasciata prior to that of Smith, 1849, are similarly rejected).

flava, Testudo, Lacépède, 1788, Hist. Nat. Quad. Ovip. Serpens 1, Synops. Meth.: 135, tab. 16 (rejected in priority but not in homonymy contexts to protect Cistudo blandingii Holbrook, 1838, now Emydoidea blandingii (Holbrook), of which Lacépède's name is now a jr. synonym).

flavescens, Amphisbaena, Houttuyn, 1787, Anim. Mus. Houtt. Index: 29 (this work by Houttuyn has been suppressed for nomenclatural purposes (Opinion 380), hence the name does not exist nomenclaturally; it is also unidentifiable).

foetidus, Coluber, Gùldenstedt, 1801, in Georgi, Geogr.-Phys. Naturh. Beschreib. Russ. Reich. 3(7): 1884 (rejected in priority but not in homonymy contexts to protect Pelias renardi

Christoph, 1861, now Vipera ursinii renardi, of which foetidus is now a jr. synonym).

formosissimus, Constrictor, Laurenti, 1768, Specimen Medicum...: 107 (a jr. objective synonym of Boa constrictor Linnaeus, 1758).

funnebris, Salamandra, Bory de St. Vincent, 1828, Rés. Exp.: 236 (rejected in priority but not in homonymy contexts to protect Pleurodeles waltl Michahelles, 1830, of which funnebris is now a jr. synonym).

galliwasp, Scincus, Oken, 1816, Lehrb. Naturg. 3: 299 (this work by Oken has been suppressed for nomenclatural purposes (Opinion 417), hence the name is non-existent nomenclaturally and should not be cited in the synonymy of any species).

graecus, Stellio, Oken, 1816, Lehrb. Naturg. 3: 202 (as in the preceding account of galliwasp)

granulatus, Anguis, Houttuyn, 1787, Anim. Mus. Houtt. Index: 29 (this work by Houttuyn has been suppressed for nomenclatural purposes (Opinion 380), hence the name does not exist nomenclaturally; it is also unidentifiable).

grisea, Lacerta, Oken, 1816, Lehrb. Naturg. 3: 303 (this work by Oken has been suppressed for nomenclatural purposes (Opinion 417), hence the name does not exist nomenclaturally and should not be cited in the synonymy of any species).

indicus, Crocodilus vulgaris, Gray, 1831, Syn. Rept.: 58 (rejected in priority but not in homonymy contexts to protect Crocodilus palustris Lesson, 1831, now Crocodylus palustris (Lesson), of which Gray's name is now a jr. synonym).

italicus, Stellio, Oken, 1816, Lehrb. Naturg. 3: 204 (this work by Oken has been suppressed for nomenclatural purposes (Opinion 417), hence the name does not exist nomenclaturally, and should not be cited in the synonymy of any species).

jacapara, Coluber, Houttuyn, 1787, Anim. Mus. Houtt. Index: 26 (this work by Houttuyn has been suppressed for nomenclatural purposes (Opinion 380), hence the name does not exist nomenclaturally: it is also unidentifiable).

lancifer, Trionocephalus, Oken, 1816, Lehrb. Naturg. 3: 270 (this work by Oken has been suppressed for nomenclatural purposes (Opinion 417), hence the name does not exist nomenclaturally, and should not be cited in the synonymy of any species).

- leberis, Coluber, Linnaeus, 1758, Syst. Nat., Ed. 10, 1:216 (rejected in priority but not in homonymy contexts to protect Coluber occipitomaculatus Storer, 1839 (now Storeria occipitomaculata (Storer), of which it is now a jr. synonym).
- lepidopus, Bipes, Oken, 1816, Lehrb. Naturg. 3: 249 (this work by Oken has been suppressed for nomenclatural purposes (Opinion 417), hence the name does not exist nomenclaturally and should not be cited as a synonym of any species).
- lucius, Crocodylus (Alligator), Cuvier, 1807, Ann. Mus. Nat. Hist. Nat. Paris 10: 28 (a jr. synonym of Crocodylus mississippiensis Daudin, 1801, now Alligator mississippiensis (Daudin)).
- lutescens, Triturus, Rafinesque-Schmaltz, 1832, Atlantic J. Friend of Knowledge 1: 121 (rejected in priority but not in homonymy contexts to protect Gyrinophilus porphyriticus duryi Weller, 1930, of which it is now a jr. synonym).
- marmorata, Amphisbaena, Houttuyn, 1787, Anim. Mus. Houtt. Index: 30 (this work by Houttuyn has been suppressed for nomenclatural purposes (Opinion 380), hence the name does not exist nomenclaturally and should not be cited in the synonymy of any species; it is also unidentifiable).
- maxima, Rana, Laurenti, 1768, Specimen Medicum...: 32 (a jr. synonym of Rana boans Linnaeus, 1758, now Hyla boans (Linnaeus)).
- melanepis, Coluber, Rafinesque-Schmaltz, 1814, Précis Découv. Trav. Semiolog.: 15 (rejected in priority but not in homonymy contexts to protect Coluber viridiflavus carbonarius Bonnaparte, 1833, now Hemorrhoids viridiflava carbonaria (Bonaparte), of which melanepis is now a jr. synonym).
- melanocercus, Drymarchon corais, Smith, 1941, J. Washington Acad. Sci. 31: 437, 434 (a jr. objective synonym of Spilotes melanurus Duméril, Bibron and Duméril, 1854, now Drymarchon corais melanurus (Duméril, Bibron and Duméril); originally proposed as a substitute for the latter name, supposed to be invalidated by its senior secondary homonym, Coluber melanurus Schlegel, 1837, via Spilotes melanurus (Schlegel) Gray, 1858).
- meleagris, Testudo, Shaw, 1793, Nat. Misc.: tab. 44 (rejected in priority but not in homonymy contexts to protect Cistudo blandinii Holbrook, 1838, now Emydoidea blandinii (Holbrook), of which Shaw's name is now a jr. synonym).

mercurialis, Sphargis, Merrem, 1820, Tent. Syst. Amph.: 19 (a jr. objective synonym of Testudo coriacea Vandelli, 1761, now Dermochelys coriacea (Vandelli)).

michahellesii, Podarcis, Fitzinger, 1864, in Erber, Verh. Zool.-Bot. Ges. Wien, 14: 703 (rejected in priority but not in homonymy contexts to protect Lacerta viridis trilineata Bedriaga, 1886, now L. trilineata (Bedriaga), of which Fitzinger's name is now a jr. synonym).

mildei, Amphisbaena, Peters, 1878, Monatsb. K. Preuss. Akad. Wiss. 1878: 778-781 (rejected in priority but not in homonymy contexts to protect Amphisbaena trachura Cope, 1885, now A. darwini trachura, of which Peters' name is now a jr. synonym).

minor, Testudo mydas, Suckow, 1798, Anfangsgr. Naturg. Thiere 3: 30 (rejected in priority but not in homonymy contexts to protect Thalassochelys (Colpochelys) kempii Garman, 1880, now Lepidochelys kempii (Garman), of which Suckow's name is now a jr. synonym).

mississippiensis, Alligator, Gray, 1831, Syn. Rept.: 62 (an incorrect subsequent spelling of Crocodylus mississippiensis Daudin, 1801, now Alligator mississippiensis (Daudin), without nomenclatural status).

mississippiensis, Crocodylus, Daudin, 1801, Hist. Nat. Rept. 2: 412 (an incorrect original spelling, non-existent nomenclaturally, of Crocodylus mississippiensis Daudin, 1801, now Alligator mississippiensis (Daudin)).

mitrata, Rana, Houttuyn, 1787, Anim. Mus. Houtt. Index: 19 (this work by Houttuyn has been suppressed for nomenclatural purposes (Opinion 380), hence the name is nomenclaturally non-existent and should not be assigned to any species; in addition the name is unidentifiable).

molochina, Psammophis, Berthold, 1846, Mitt. Nachr. G.A. Univ. K. Ges. Wiss. Göttingen Zool.Mus. Göttingen 1846: 143, 144 (rejected in priority but not in homonymy contexts to protect Philodryas nattereri Steindachner, 1870, of which Berthold's name is now a jr. synonym).

monitor, Lacerta, Linnaeus, 1758, Syst. Nat., Ed. 10, 1:201 (rejected in priority but not in homonymy contexts to protect Stellio salvator Laurenti, 1768, now Varanus (V.) salvator (Laurenti), of which monitor is now a jr. synonym).

multimaculata, Crotalus lugubris, Jan, 1863, Elenco Sist. Ofidi: 124 (rejected in priority but not in homonymy contexts to

protect Caudisona polysticta Cope, 1865, now Crotalus polystictus (Cope), of which Jan's name is now a jr. synonym).

nasua, Vipera, Wagler, 1830, Natürl. Syst. Amph.: 171 (rejected in priority but not in homonymy contexts to protect Heterodon dorbignyi Duméril, Bibron and Duméril, 1854, now Lystrophis dorbignyi (Duméril, Bibron and Duméril), of which nasua is now a jr. synonym).

neocaesariensis, Proteus, Green, 1818, J. Acad. Nat. Sci. Philadelphia, 1:358 (rejected in priority but not in homonymy contexts to protect Salamandra tigrina Green, 1825, now Ambystoma t. tigrinum (Green), of which Green's name, of 1818, is now a jr. synonym).

niger, Scytale, Daudin, 1803, Hist. Nat. Gén. Partic. Rept.: 342 (based on what is now known as Heterodon platirhinos Latreille, 1801, but rejected in both priority and homonymy contexts, to protect Scytale neuwiedii nigrum Duméril, Bibron and Duméril, 1854, now Pseudoboa nigra (Duméril, Bibron and Duméril); Daudin's name is now non-existent nomenclaturally).

nigricollis, Coluber, Dwigubskij, 1832, Opyt Estestv. Istorii 3:26 (rejected in priority but not in homonymy contexts to protect Coronella modesta Martin, 1838, now Eirenis modesta (Martin), of which Dwigubskij's name is now a jr. synonym).

oaxacae, Kinosternon, Pritchard, 1979, Encycl. Turtles: 557 (rejected in priority but not in homonymy contexts to protect Kinosternon oaxacae Berry and Iverson, 1980, of which Pritchard's name is now a jr. synonym).

ocellata, Lacerta, Houttuyn, 1787, Anim. Mus. Houtt. Index: 24 (this work by Houttuyn has been suppressed for nomenclatural purposes (Opinion 380), hence the name is nomenclaturally non-existent and should not be assigned to any species; in addition the name is unidentifiable).

ocellatus, Draco, Oken, 1816, Lehrb. Naturg. 3:277 (this work by Oken has been suppressed for nomenclatural purposes (Opinion 417), hence the name does not exist nomenclaturally, and should not be cited in the synonymy of any species).

operculata, Siren, Beauvois, 1799, Trans. Am. Philos. Soc. 4:277-281, figs. 1-4 (rejected in priority but not in homonymy contexts to protect Salamandra tigrina Green, 1825, now Ambystoma t. tigrinum (Green), of which Beauvois' name is now a jr. synonym).

oryzicola, Berus, Oken, 1816, Lehrb. Naturg. 3:248 (this work by Oken has been suppressed for nomenclatural purposes (Opinion

417), hence the name does not exist nomenclaturally, and should not be cited in the synonymy of any species).

oryzivorus, Coluber, Suckow, 1798, Anfang. Theor. Angew. Naturg. Thiere 3 Amphibien: 245 (rejected in priority but not in homonymy contexts to protect Boa reticulata Schneider, 1801, now Python reticulatus (Schneider), of which oryzivorus is now a jr. synonym). Op. 1463.

oularsawa, Coluber, Bonnaterre, 1790, Tabl. Encycl. Meth. Trois Regnès Nature: 26 (rejected in priority but not in homonymy contexts, to protect Boa reticulata Schneider, 1801, now Python reticulatus (Schneider), of which oularsawa is now a jr. synonym). Op. 1463.

papillosa, Rana, Houttuyn, 1787, Anim. Mus. Houtt. Index: 19 (this work by Houttuyn has been suppressed for nomenclatural purposes (Opinion 380), hence the name is nomenclaturally non-existent, and should not be assigned to any species; in addition the name is unidentifiable).

pelamys, Hydrophis, Oken, 1816, Lehrb. Naturg. 3: 279 (this work by Oken has been suppressed for nomenclatural purposes (Opinion 417), hence the name does not exist nomenclaturally, and should not be cited in the synonymy of any species).

petrefactus, Crocodylus, Bertrand, 1793, Dict. Univ. Foss. Propres Foss. Accid. 1: 183 (this work by Bertrand has been suppressed for nomenclatural purposes (Opinion 592), hence the name does not exist nomenclaturally, and should not be cited in the synonymy of any species).

philadelphicus, Axolotus, Jarocki, 1822, Zoologia 3: 179 (rejected in priority but not in homonymy contexts to protect Salamandra tigrina Green, 1825, now Ambystoma t. tigrinum (Green), of which Jarocki's name is now a jr. synonym).

planitia, Testudo, Gmelin, 1789, in Linnaeus, Syst. Nat., ed. 13, 1: 1045 (rejected in priority but not in homonymy contexts to protect Chelonura temminckii Troost, 1835, now Macroclermys temminckii (Troost), of which planitia is now a jr. synonym).

proboscidea, Rhinostoma, Fitzinger, 1826, Neue Classif. Rept.: 56 (confirmed as a nomen nudum, hence non-existent nomenclaturally; originally intended as a name for Heterodon rhinostoma Schlegel, 1837, now Simophis rhinostoma (Schlegel)).

proboscidea, Rhinostoma (Rhinaspis), Fitzinger, 1843, Syst. Rept.: 26 (confirmed as a nomen nudum, hence non-existent nomenclaturally; originally intended as a name for Heterodon rhinostoma Schlegel, 1837, now Simophis rhinostoma (Schlegel)).

- punctato-fasciata, Lacerta muralis, Eimer, 1881, Arch. Naturg. 47(1): 368, tab. 13, fig. 10 (rejected in priority but not in homonymy contexts to protect Lacerta muralis neapolitana fiumana Werner, 1891, now Podarcis melisellensis fiumana (Werner), of which Eimer's name is now a jr. synonym).
- punctato-striata, Lacerta muralis, Eimer, 1881, Arch. Naturg. 47(1): 340, tab. 13, figs. 4,5 (rejected in priority but not in homonymy contexts to protect Lacerta muralis neapolitana fiumana Werner, 1891, now Podarcis melisellensis fiumana (Werner), of which Eimer's name is now a jr. synonym).
- quater-radiatus, Coluber, Gmelin, 1799, Naturforscher 28: 169, tab. 3, fig. 1 (rejected in priority but not in homonymy contexts to protect Coluber scalaris Schinz, 1822, now Elaphe scalaris (Schinz), of which Gmelin's name is now a jr. synonym).
- reticulata, Amphisbaena, Thunberg, 1787, D.D. Mus. Nat. Acad. Upsaliensis: 30 (rejected in priority but not in homonymy contexts to protect Amphisbaena cinerea Vandelli, 1797, now Blanus cinereus (Vandelli), of which Thunberg's name is now a jr. synonym).
- salvaquardia, Stellio, Laurenti, 1768, Specimen Medicum: 57 (rejected in priority but not in homonymy contexts to protect Tupinambis bengalensis Daudin, 1802, now Varanus bengalensis (Daudin), of which Laurenti's name is now a jr. synonym).
- sclerotica, Elaphe, Smith, 1941, Copeia, 1941: 135, 136 (Coluber subocularis Brown, 1901, now Bogertophis subocularis (Brown) ruled not invalidated by the sr. name Bascanion suboculare Cope, 1867, a jr. synonym of Masticophis m. mentovarius (Duméril, Bibron and Duméril, 1854), hence Smith's name is a jr. objective synonym of Brown's name).
- semimembranacea, Testudo, Hermann, 1804, Observ. Zool.: 219 (rejected in priority but not in homonymy contexts to protect Trionyx (Aspidonectes) sinensis Wiegmann, 1835, now Trionyx sinensis Wiegmann, of which Hermann's name is now a jr. synonym).
- sumichrasti, Henicognathus, Bocourt, 1886, Miss. Sci. Mex. (10): 628-630, pl. 41, fig. 5. (rejected in priority but not in homonymy contexts to protect Ablabes chinensis Günther, 1889, now Sibynophis chinensis (Günther), of which Bocourt's name is now a jr. synonym).
- terrestris, Testudo, Fermin, 1765, Hist. Nat. Hollande Equinox.: 51 (this work by Fermin has been suppressed for nomenclatural

purposes (Opinion 660), hence the name does not exist nomenclaturally, and should not be cited in the synonymy of any species).

tibiatrix, Hyla, Laurenti, 1768, Spec. Medicum: 34 (rejected in priority but not in homonymy contexts to protect Rana venulosa Laurenti, 1768, now Phrynohyas venulosa (Laurenti), of which H. tibiatrix is now a jr. synonym).

timorensis, Python, Müller, 1844, Verh. Natuurl. Gesch. Ned. Overz. Bez., Land- en Volkenk. (7): 211, 221 (rejected in priority but not in homonymy contexts to protect Liasis mackloti Duméril and Bibron, 1844, of which Müller's name is now a jr. synonym).

timoriensis, Python, Müller, 1857, Reizen en Onderzoekingen in den Indischen Archipel, gedaan op last der Nederlandsche Indische Regeering, tusschen de Jaren 1828 en 1836 2: 172 (ruled an incorrect subsequent spelling of Python timorensis Müller, 1844, hence without nomenclatural status).

trimeresurus, Coluber dipsas, Oken, 1816, Lehrb. Naturg. 3:263 (this work by Oken has been suppressed for nomenclatural purposes (Opinion 417), hence the name does not exist nomenclaturally, and should not be cited in the synonymy of any species).

unicolor, Cornufer, Tschudi, 1838, Class. Batr.: 28 (Tschudi's usage, and all others prior to the proposal of Eleutherodactylus unicolor Stejneger, 1904, are rejected in both priority and homonymy contexts, to preserve Stejneger's name, which would otherwise be a jr. homonym; Tschudi's name is actually referable to Eleutherodactylus and would, if not rejected, replace Leptodactylus inoptatus Barbour, 1914, now E. inoptatus (Barbour); Tschudi's name, as type of Cornufer, requires replacement in that role to leave the name Cornufer as long interpreted, through designation of Halophila vitiensis Girard, 1853, as type species, although that species is now generally referred to the genus Platymantis Günther, 1858, along with all other species formerly referred to Cornufer; if Platymantis is split in the future, Cornufer is available if needed; thus three names are protected by rejection of Tschudi's name).

ventricosa, Emys, Gray, 1855, Cat. Shield Rept. Coll. Brit. Mus., Pt. I, Testudinata (Tortoises): 28, pl. 14 (rejected in priority but not in homonymy contexts to protect Emys cataspila Günther, 1885, now Trachemys ornata cataspila (Günther), of which Gray's name is now a jr. synonym).

- verrucosa, Rana, Houttuyn, 1787, Anim. Mus. Houtt. Index: 19 (this work by Houttuyn has been suppressed for nomenclatural purposes (Opinion 380), hence the name is nomenclaturally non-existent and should not be assigned to any species; in addition the name is unidentifiable).
- vertebralis, Leptophis, Duméril, Bibron and Duméril, 1854, Erp. Gen. 7: 543, 544 (rejected in priority but not in homonymy contexts to protect Natrix barbouri Taylor, 1922, now Macropophis barbouri (Taylor), of which L. vertebralis is now a jr. synonym).
- viridi-squamosa, Testudo, Lacépède, 1788, Hist. Nat. Quad. Ovip. Serpens 1, Syn. Meth.: 92 (rejected in priority but not in homonymy contexts to protect Thalassochelys (Colpochelys) kempii Garman, 1880, now Lepidochelys kempii (Garman), of which Lacépède's name is now a jr. synonym).
- zonata, Hyla, Spix, 1824, Anim. Nov. Test. Ran. Brasil: 41 (ruled a jr. objective synonym of Rana venulosa Laurenti, 1768, [now Phrynohyas venulosa (Laurenti)], through action of the ICZN under its plenary powers).

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CROSS-INDEXES

The following cross-indexes will facilitate scanning the 200 names here treated for those pertinent to valid names. The list is divided into two groups: *nomina clara* (names whose allocation to known taxa is apparent) and *nomina dubia* (names whose allocation to any given taxon is uncertain).

NOMINA CLARA

Indented names are to be found in the preceding account. CAUTION: not all indented names are synonyms of the valid names under which they appear; most are, but in some cases the valid name is simply discussed in the account for the invalid name.

CAUDATA

A. Family-Group Names

Ambystomatidae
 Ambystomidae

B. Genus-group Names

Ambystoma
 Amblystoma
 Axolot
 Axolotus
 Philhydrus
 Phyllhydrus
 Siredon
 Sirenodon

Stegoporus
 Andrias
 Palaeotriton
 Proteocordylus
 Aneides
 Anaides
 Autodax
 Bolitoglossa
 Oedipus
 Palmatotriton
 Notophthalmus
 Diemichylus
 Diemyctelus
 Diemyctylus
 Notophthalma
 Notophthalmia
 Notophthalmus
 Siren
 Sirena
 Sirene

C. Species-group Names

Ambystoma tigrinum tigrinum
 neocaesariensis, Proteus
 operculata, Siren
 philadelphicus, Axolotus
 Aneides lugubris
 ereticauda, Triton
 Cryptobranchus alleganiensis
 alleghaniensis, Abranchus
 Gyrinophilus porphyriticus duryi
 lutescens, Triturus
 Plethodon cinereus
 erythronota, Salamandra
 Pleurodeles waltl
 funnebris, Salamandra

SALIENTIA

A. Family-group Names

Leiopelmatidae
 Leiopelmidae
 Liopelmatina
 Liopelmidae

B. Genus-group Names

Kassina
 Eremiophilus
 Leiopelma
 Liopelma
 Phrynohyas

Acrodytes
 Syrrhophus
 Epirhexis

C. Species-group Names

Eleutherodactylus inoptatus
 unicolor, Cornufer
 Eleutherodactylus unicolor
 unicolor, Cornufer
 Hyla boans
 maxima, Rana
 Phrynohyas venulosa
 tibiatrix, Hyla
 zonata, Hyla
 Platymantis vitiensis
 unicolor, Cornufer
 Rana grayi
 fasciata, Rana
 Rana perezii
 bosci, Rana

GYMNOPHIONA

A. Family-group Names

Caeciliidae
 Caeciliidae
 Cecilia

RHYNCHOCEPHALIA

A. Family-group Names

Sphenodontidae
 Hatteriidae
 Rhynchocephalidae

B. Genus-group Names

Sphenodon
 Hatteria
 Rhynchocephalus
 Sphaenodon

TESTUDINES

A. Genus-group Names

Dermochelys
 Coriudo
 Dermatochelys
 Dermochelis
 Sphargis

Rhinoclemmys
Chemelys

B. Species-group Names

Dermochelys coriacea
 mercurialis, Sphargis
Emydoidea blandingii
 flava, Testudo
 meleagris, Testudo
Kinosternon alamosae
 alamose, Kinosternon
Kinosternon oaxacae
 oaxacae, Kinosternon
Lepidochelys kempii
 minor, Testudo mydas
 viridi-squamosa, Testudo
Macroclemys temminckii
 planitia, Testudo
Rhinoclemmys punctularia
 dorsata, Testudo
Trachemys ornata cataspila
 ventricosa, Emys
Trionyx sinensis
 semimembranacea, Testudo
Trionyx steindachneri
 californiana, Aspidonectes

SAURIA

A. Family-group Names

Agamidae
 Agamoidea
 Stellionidae (2)
Teiidae
 Tupinambidae

B. Genus-group Names

Agama
 Stellio
Bachia
 Brachypus
Chalarodon
 Tritropis
 Tropidogaster
Draco
 Dracunculus
Ichnotropis
 Thermophilus
Mabuya
 Mabouia
 Mabouya

Mabuia
 Mabuia
 Phrynosoma
 Tapaia (2)
 Tapaja
 Tapaya (2)
 Tapayia
 Uromastyx
 Centrocerus

C. Species-group Names

Agama agama agama
 colonorum, Agama
 Agama bibronii
 bibronii, Trapelus (Psammorrhoea)
 Anguis fragilis colchica
 besserii, Anguis
 Bachia bicolor
 diglossis, Chirotis
 Chalarodon madagascariensis
 blainvillii, Tropidogaster
 Lacerta trilineata
 michahellesii, Podarcis
 Podarcis melisellensis fiumana
 punctato-fasciata, Lacerta muralis
 punctato-striata, Lacerta muralis
 Varanus bengalensis
 dracaena, Lacerta
 salvaguardia, Stellio
 Varanus (Varanus) salvator
 monitor, Lacerta

AMPHISBAENIA

A. Species-group Names

Amphisbaena darwini trachura
 mildei, Amphisbaena
 Amphisbaena dubia
 dubia, Amphisbaena
 Amphisbaena fuliginosa amazonica
 dubia, Amphisbaena
 Blanus cinereus cinereus
 reticulata, Amphisbaena

SERPENTES

A. Genus-group Names

Ahaetulla
 Dryinus
 Dryophis
 Passerita

Anilius
 Tortrix
 Bitis
 Cobra
 Boa
 Constrictor
 Boiga
 Ibiba
 Cemophora
 Amplycephalus
 Clonophis
 Cora
 Dasypeltis
 Anodon
 Dendrelaphis
 Tachyophis
 Dromophis
 Philodendros
 Philodendrus
 Enhydris
 Enhydrus
 Leptophis
 Ahaetulla
 Dendrophis
 Leptotyphlops
 Typhlina
 Lystrophis
 Rhinostoma
 Ophidioniscus
 Ophidion
 Ophiophagus
 Dendraspis
 Hamadryas
 Pareas
 Amplycephalus
 Phimophis
 Rhinosimus
 Sibon
 Asthenognathus
 Simophis
 Rhinaspis
 Spalerosophis
 Sphalerosophis

B. Species-group Names

Boa constrictor
 formosissimus, Constrictor
 Bogertophis subocularis
 sclerotica, Elaphe
 Cemophora coccinea
 doliatus, Coluber
 Crotalus atrox
 cinereous, Crotalus

Crotalus horridus
 cincolor, *Crotalus durissus*
 concolor, *Crotalus durissus*
Crotalus polystictus
 multimaculata, *Crotalus lugubris*
Crotalus viridis decolor
 concolor, *Crotalus durissus*
Drymarchon corais melanurus
 melanocercus, *Drymarchon corais*
Drymobius margaritiferus
 chiametla, *Coluber*
Drymobius margaritiferus fistulosus
 chiametla, *Coluber*
Eirenis modesta
 nigricollis, *Coluber*
Elaphe scalaris
 elaphis, *Coluber*
 quater-radiatus, *Coluber*
Hemorrhoids viridiflava carbonaria
 melanepis, *Coluber*
Heterodon platirhinos
 niger, *Scytale*
Liasis mackloti
 timorensis, *Python*
 timoriensis, *Python*
Lystrophis dorbignyi
 nasua, *Vipera*
Macropophis barbouri
 vertebralis, *Leptophis*
Ninia atrata
 atratus, *Coluber*
Philodryas nattereri
 molochina, *Psammophis*
Philothamnus irregularis
 caesius, *Coluber*
Psammophis subtaeniata
 bilineatus, *Psammophis moniliger*
Pseudoboa nigra
 niger, *Scytale*
Python reticulatus
 oryzivorus, *Coluber*
 oularsawa, *Coluber*
Sibynophis chinensis
 sumichrasti, *Henicognathus*
Simophis rhinostoma
 proboscidea, *Rhinostoma*
 proboscidea, *Rhinostoma (Rhinaspis)*
Storeria occipitomaculata
 leberis, *Coluber*
Vipera ursinii renardi
 foetidus, *Coluber*

CROCODYLIA

A. Species-group Names

Alligator mississippiensis
 alligator, Lacerta
 lucius, Crocodilus (Alligator)
 mississippiensis, Alligator
 mississippiensis, Crocodilus
 Crocodylus palustris
 indicus, Crocodilus vulgaris

NOMINA DUBIA

A few of the invalid names listed in the preceding section are nomenclaturally non-existent, but are included there because they have commonly been included in synonymies. Thirty-seven other names, not commonly cited in synonymies, and non-existent nomenclaturally (hence not obliged to be cited), follow, with author and date.

SALIENTIA

Bufo cruciger Oken, 1816
Rana coerulea Houttuyn, 1787
Rana mitrata Houttuyn, 1787
Rana papillosa Houttuyn, 1787
Rana verrucosa Houttuyn, 1787

TESTUDINES

Testudo terrestris Fermin, 1765

SAURIA

Discosomus Oken, 1816
Petrodactylus Oken, 1816
Pterodactylus Oken, 1816
Scinci Oken, 1816
Scincorum Oken, 1816
Zygnis Oken, 1816
Anquis granulatus Houttuyn, 1787
Bipes lepidopus Oken, 1816
Draco ocellatus Oken, 1816
Lacerta areolata Houttuyn, 1787
Lacerta fasciata Houttuyn, 1787
Lacerta grisea Oken, 1816

Lacerta ocellata Oken, 1816
Scincus galliwaspi Oken, 1816
Stellio graecus Oken, 1816
Stellio italicus Oken, 1816

AMPHISBAENIA

Propus Oken, 1816
Amphisbaena flavescens Houttuyn, 1787
Amphisbaena marmorata Houttuyn, 1787

SERPENTES

Berus Oken, 1816
Draco Oken, 1816
Herpeton Oken, 1816
Berus oryzicola Oken, 1816
Coluber cupreus Houttuyn, 1787
Coluber dipsas trimeresurus Oken, 1816
Coluber jacapara Houttuyn, 1787
Crotalus durissus concolor Jan, 1859
Hydrophis pelamys Oken, 1816
Trigonocephalus lancifer Oken, 1816

CROCODYLIA

Crocodylus Bertrand, 1763
Crocodylus petrefactus Bertrand, 1763