

Supplementary Materials: Tempo and Mode of the Evolution of Venom and Poison in Tetrapods

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The following Supplementary Material contains our ancestral state estimations and transition rate estimates for each major tetrapod clade and each category (note that categories are combined where their distributions in a particular clade exactly overlapped). As noted in the main paper, due to the size of the trees (which obscures patterns when the state at every node is displayed), we have plotted pie charts on branches with the highest probability of a shift (*i.e.*, either a gain or loss) having occurred. Therefore, the figures do not so much show ancestral state estimates as ancestral shift estimates. Posterior distributions of our estimated transition rates are provided for each major lineage before the figures showing estimated transitions.

After the figures described above, this file also includes a referenced list of toxic (venomous or poisonous) species based on our dataset.

Amphibians

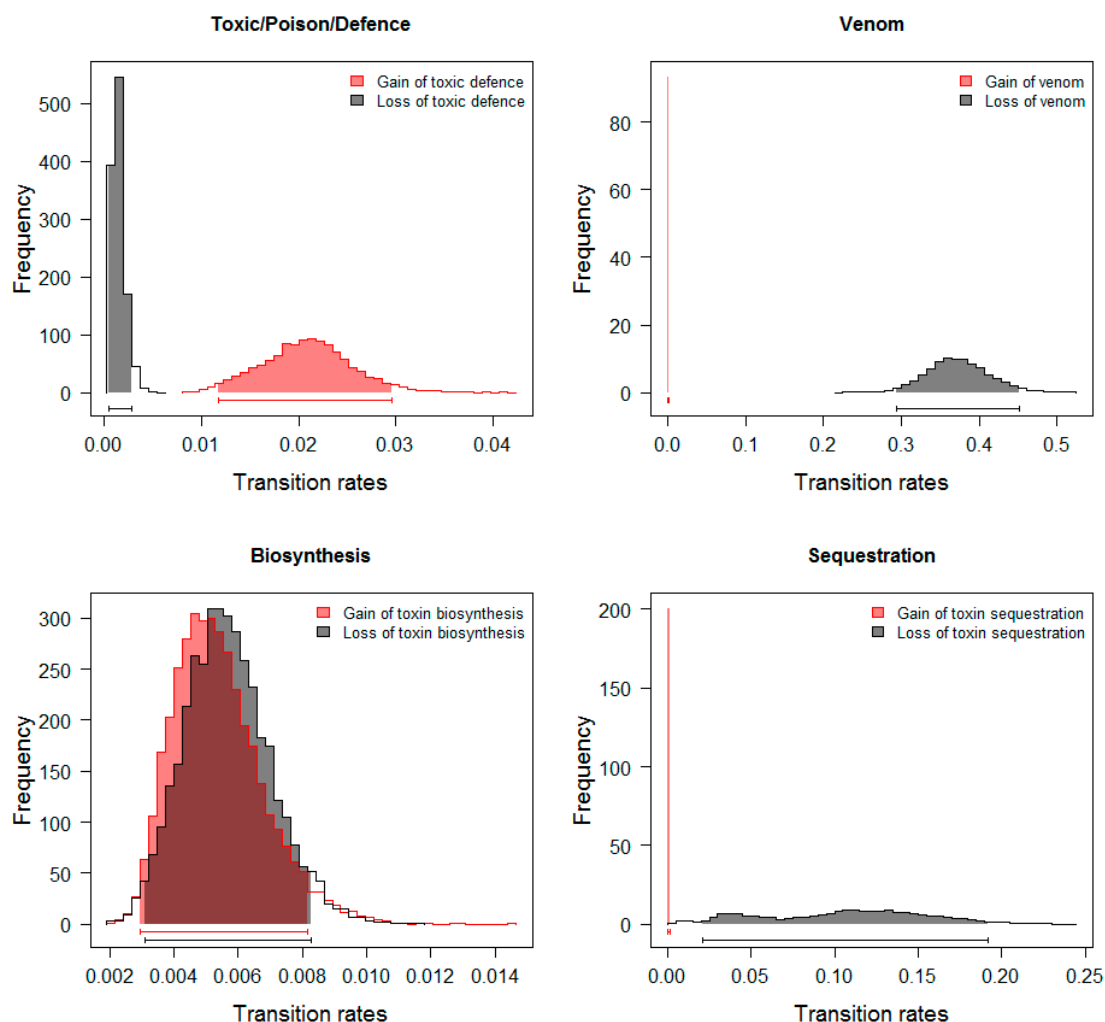


Figure S1. Posterior distributions of transition rate estimates (changes per lineage per million years) for amphibians.

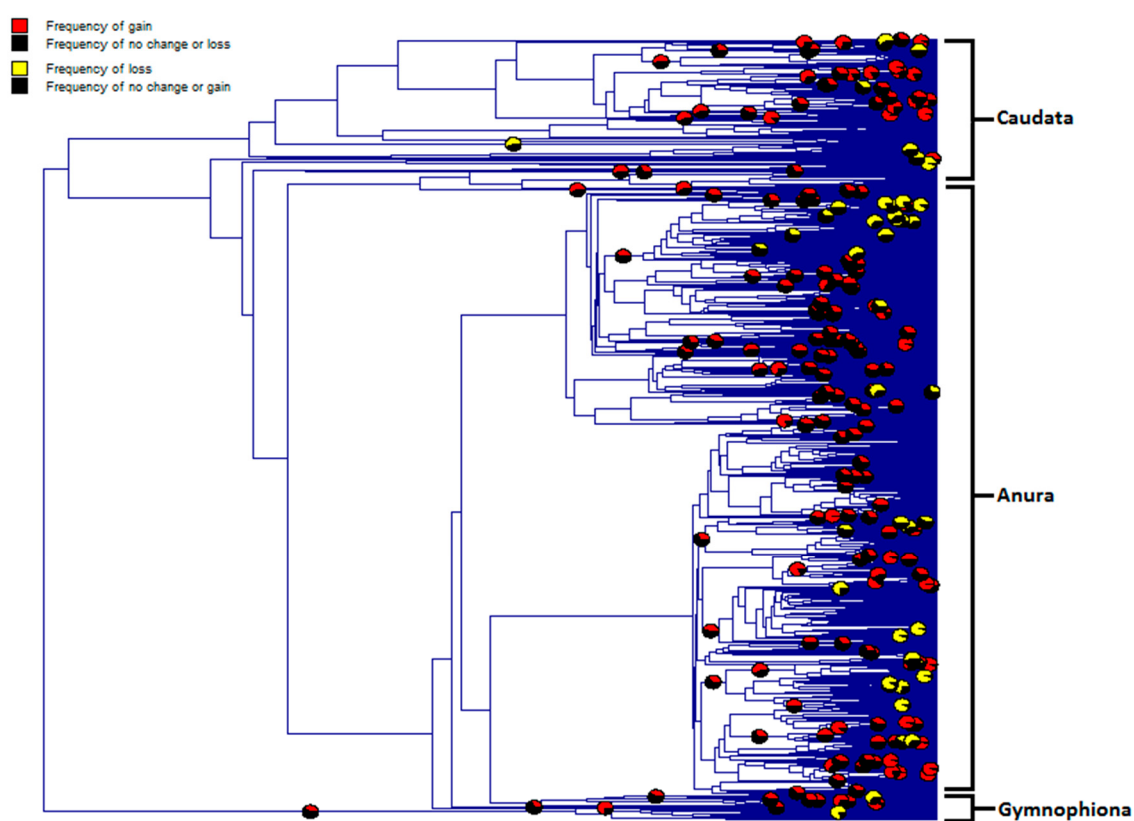


Figure S2. Estimates of ancestral shifts in toxic weaponry, poison, and defensive function for amphibians.

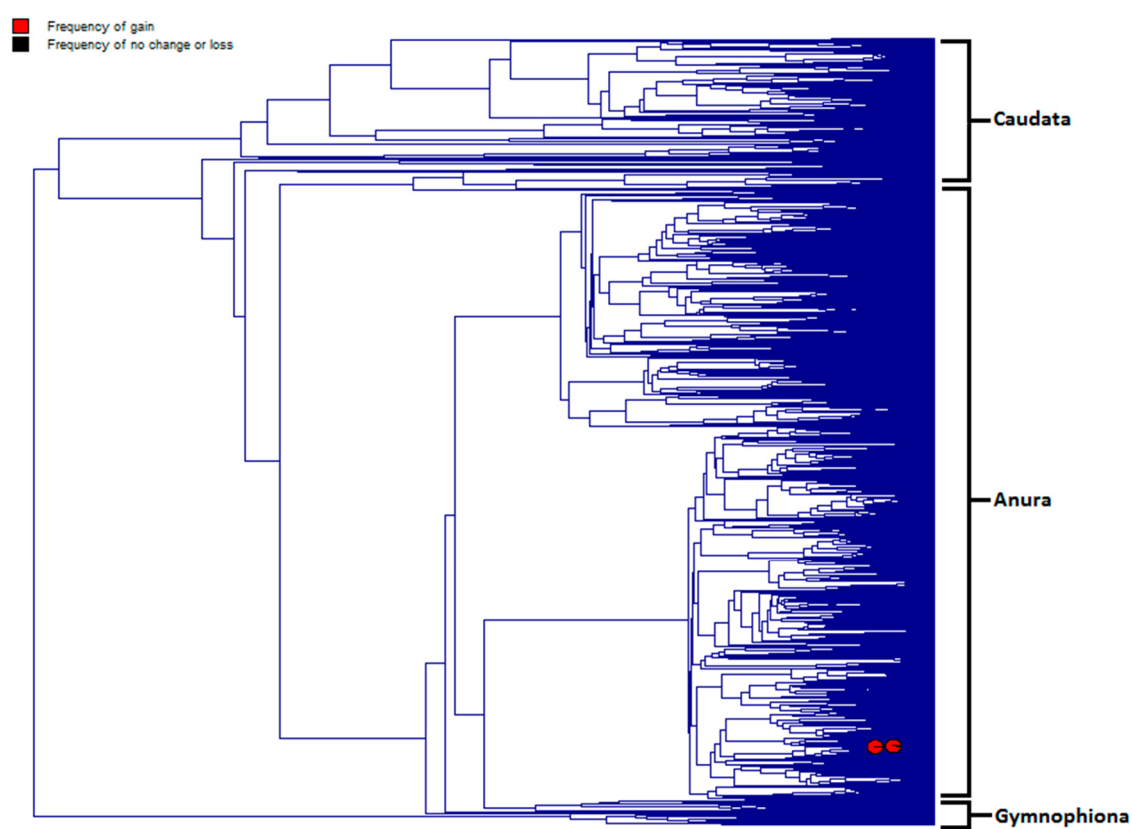


Figure S3. Estimates of ancestral shifts in venom for amphibians.

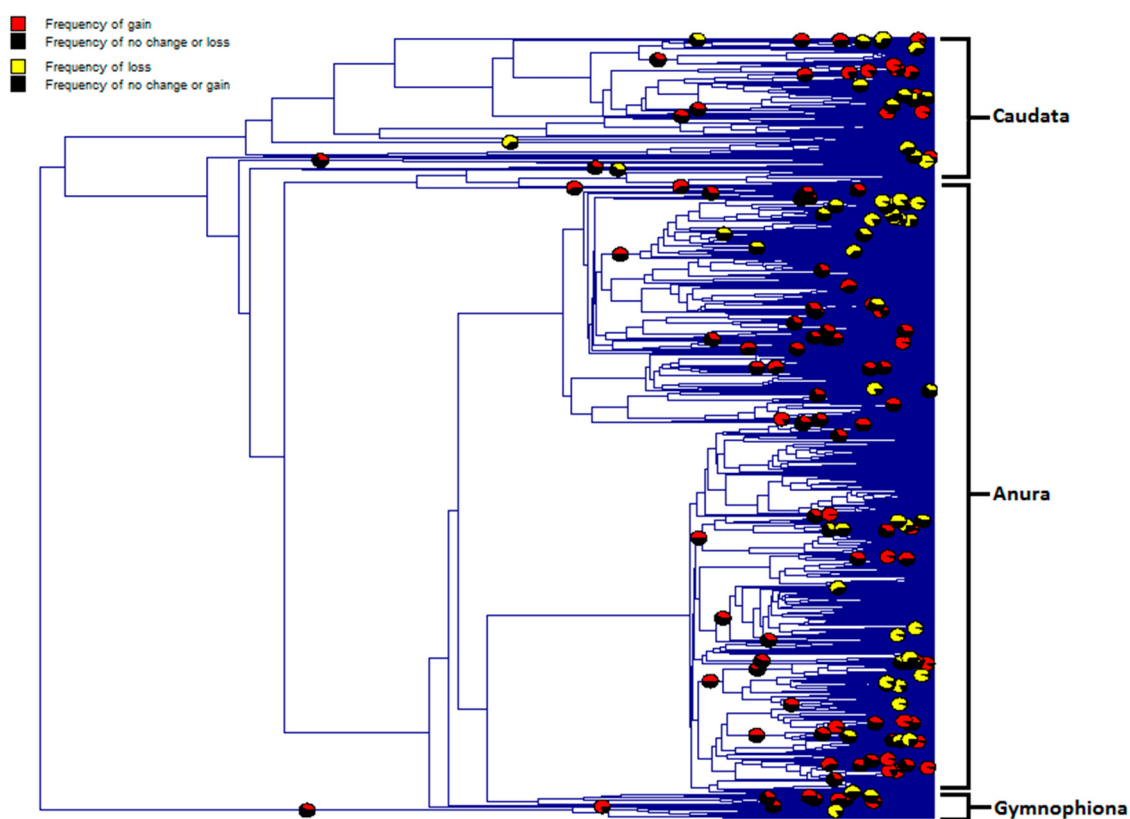


Figure S4. Estimates of ancestral shifts in toxin biosynthesis for amphibians.

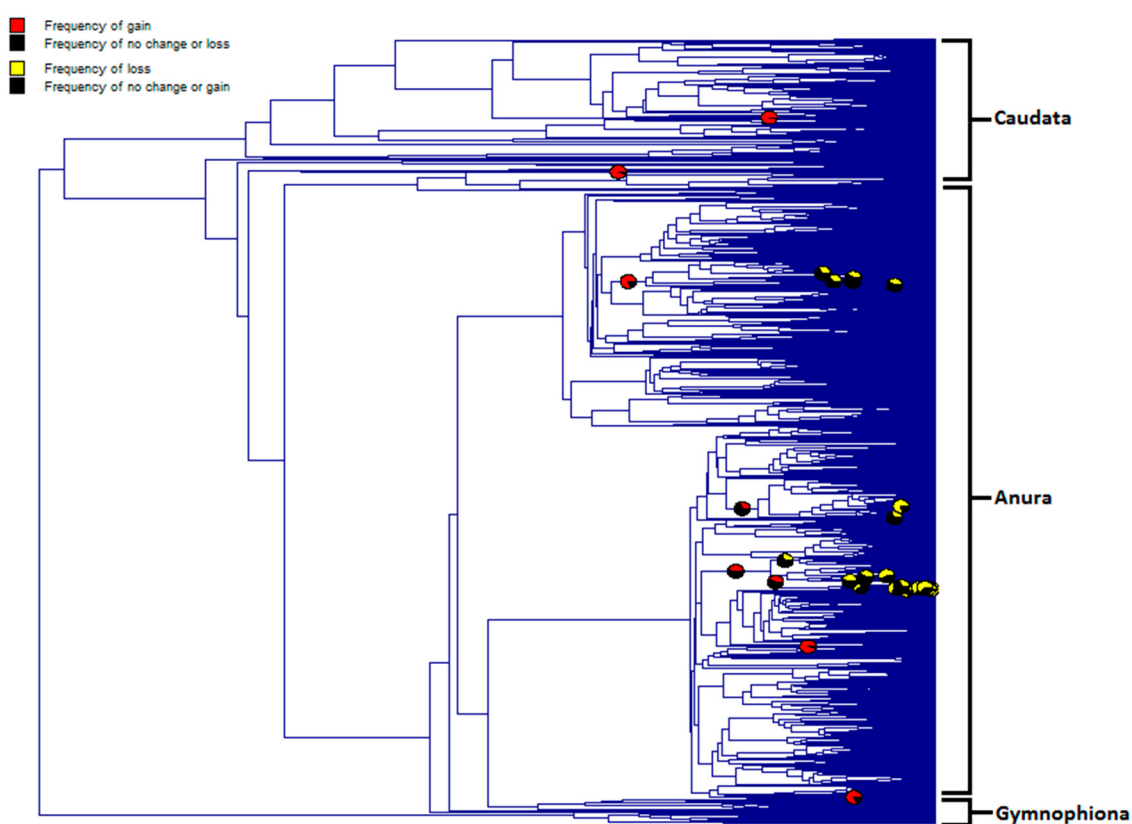


Figure S5. Estimates of ancestral shifts in toxin sequestration for amphibians.

Squamate Reptiles

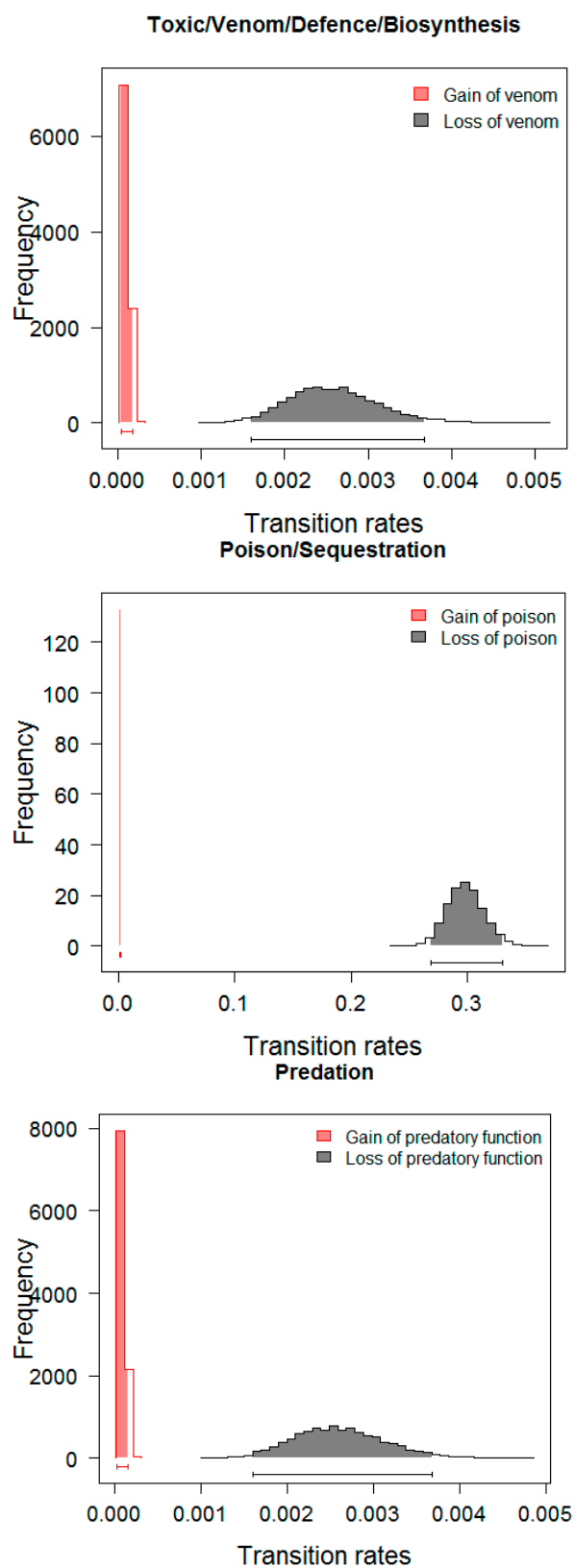


Figure S6. Posterior distributions of transition rate estimates (changes per lineage per million years) for squamate reptiles.

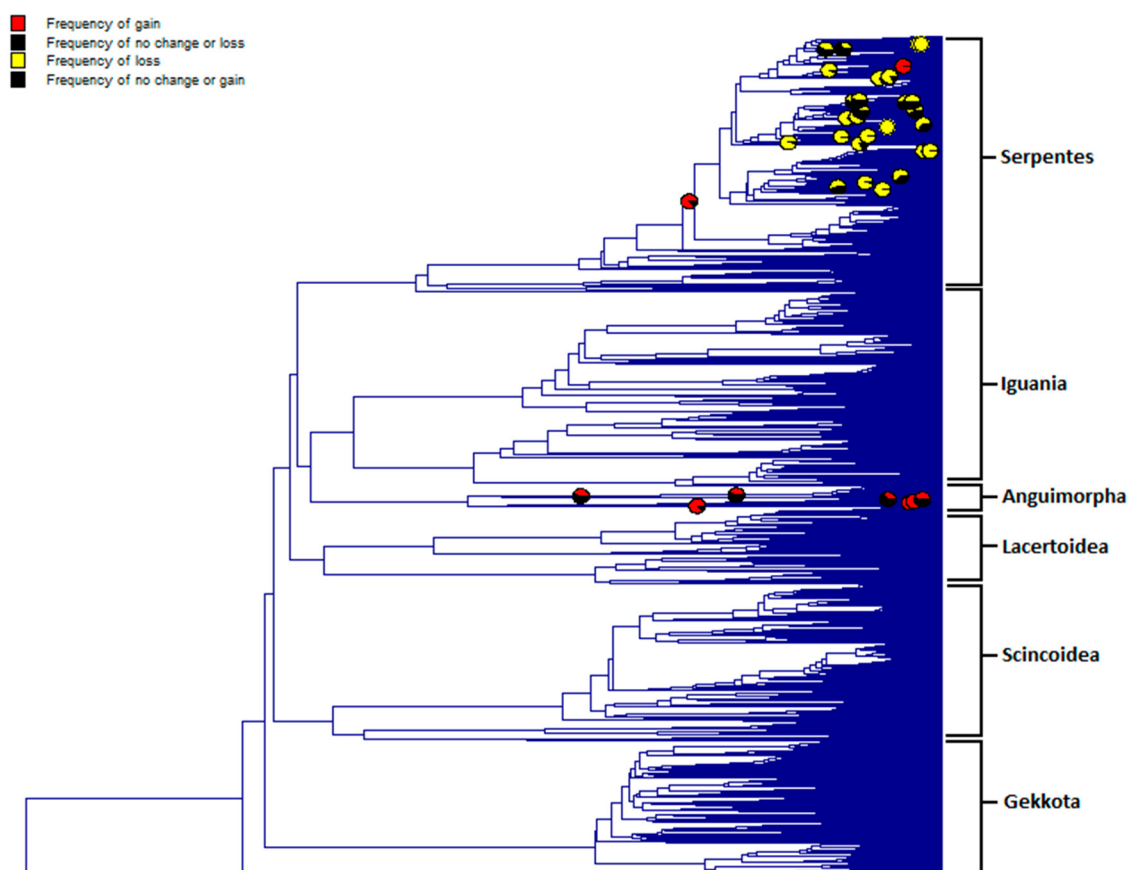


Figure S7. Estimates of ancestral shifts in toxic weaponry, venom, defensive function, and toxin biosynthesis for squamate reptiles.

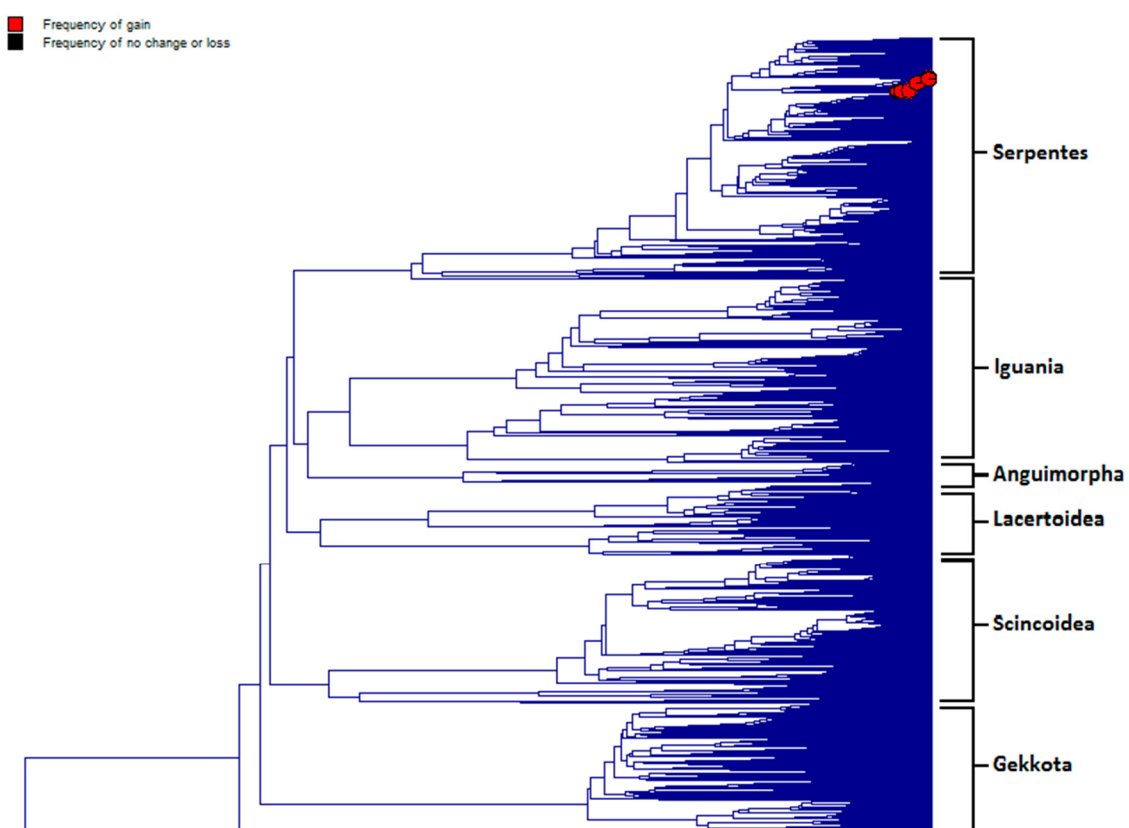


Figure S8. Estimates of ancestral shifts in poison and toxin sequestration for squamate reptiles.

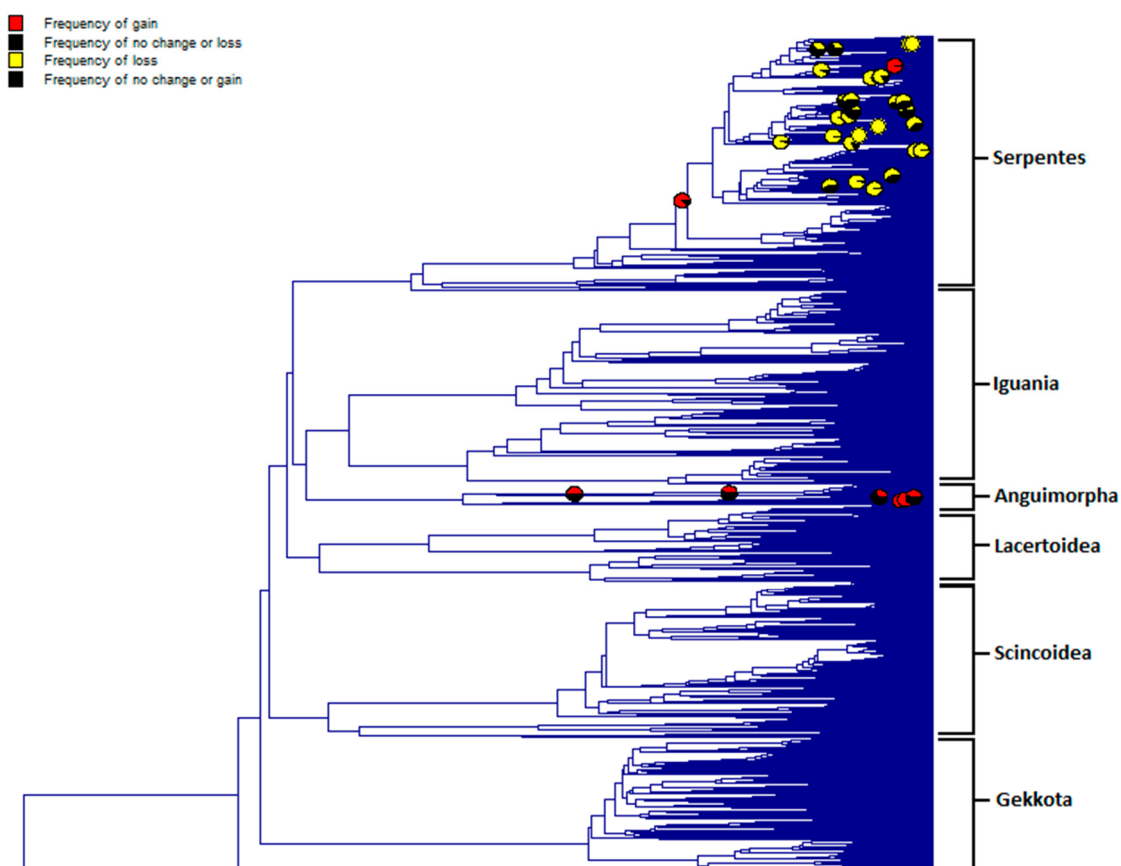
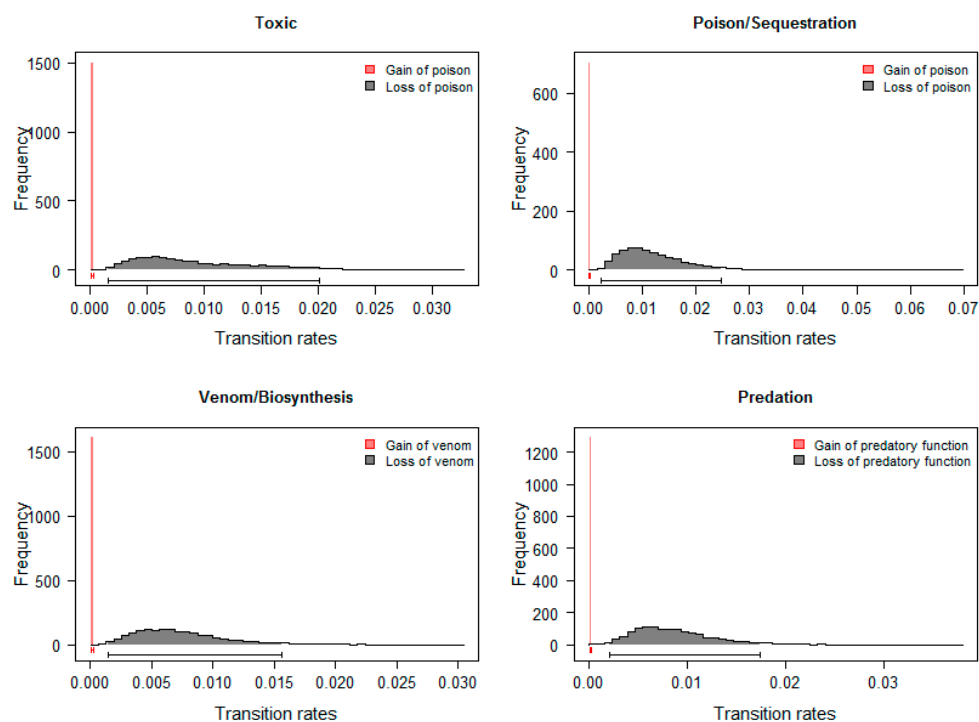


Figure S9. Estimates of ancestral shifts in predatory function for squamate reptiles.

Mammals



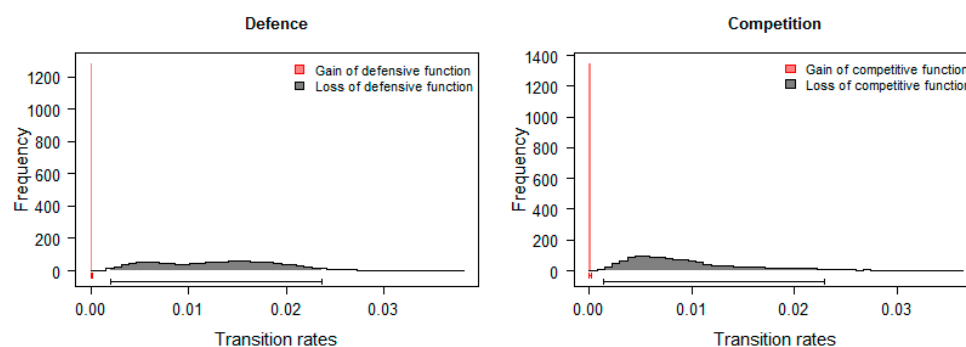


Figure S10. Posterior distributions of transition rate estimates (changes per lineage per million years) for mammals.

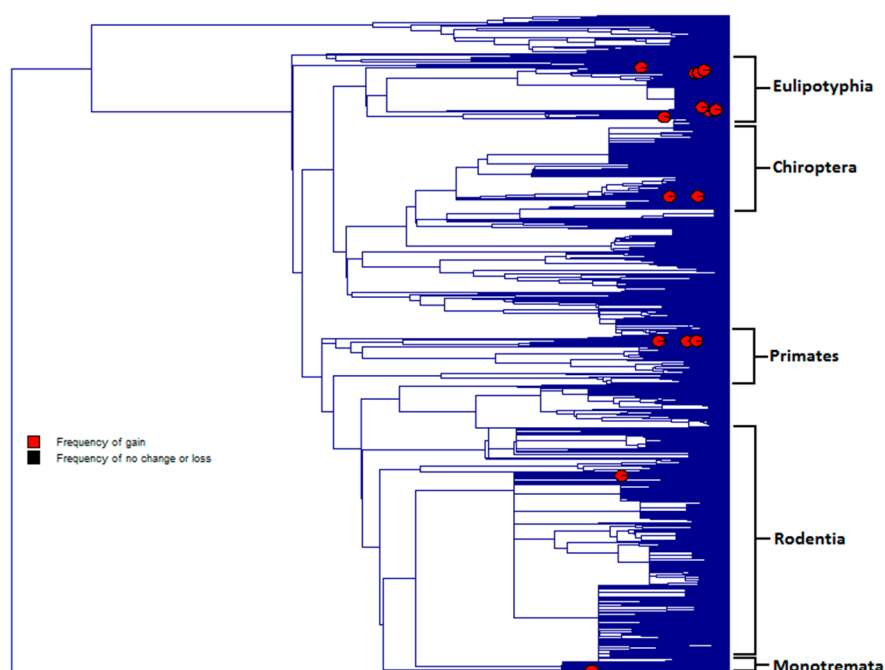


Figure S11. Estimates of ancestral shifts in toxic weaponry for mammals.

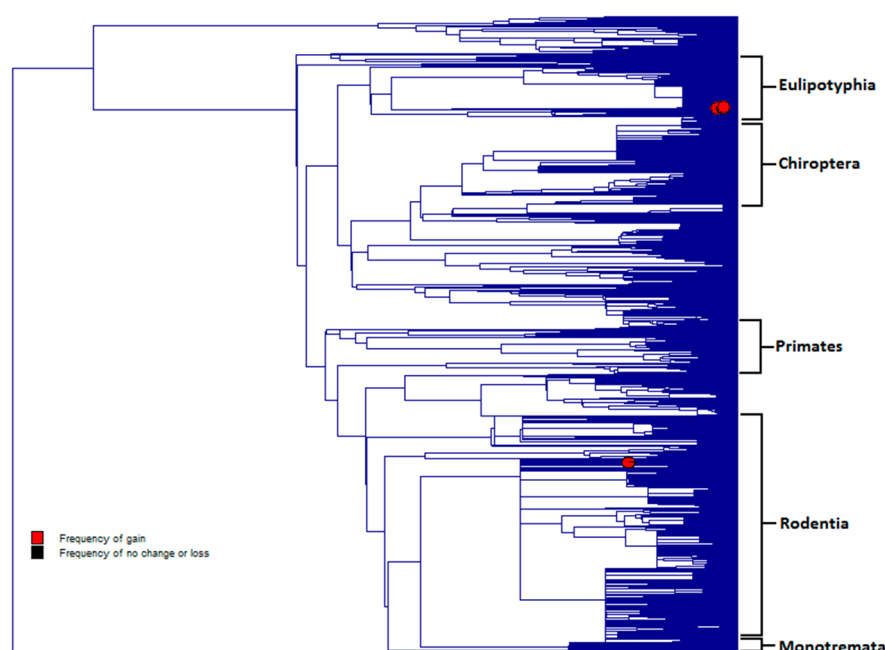


Figure S12. Estimates of ancestral shifts in poison and toxin sequestration for mammals.

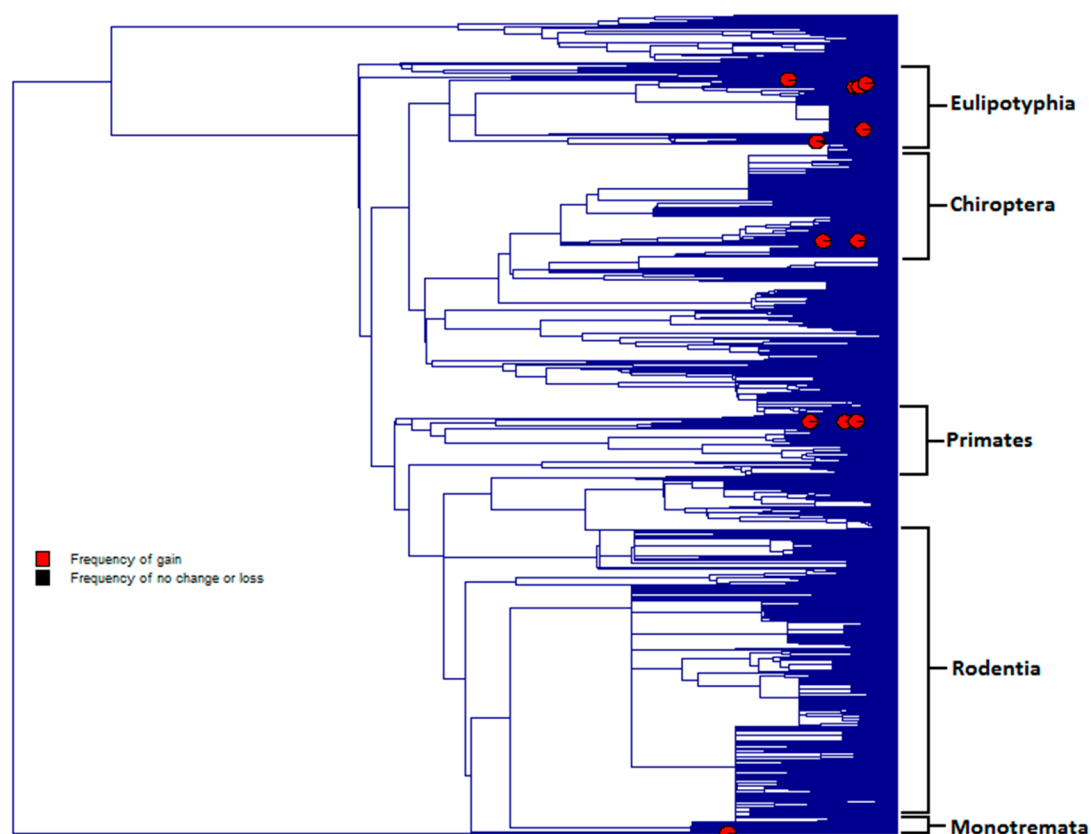


Figure S13. Estimates of ancestral shifts in venom and toxin biosynthesis for mammals.

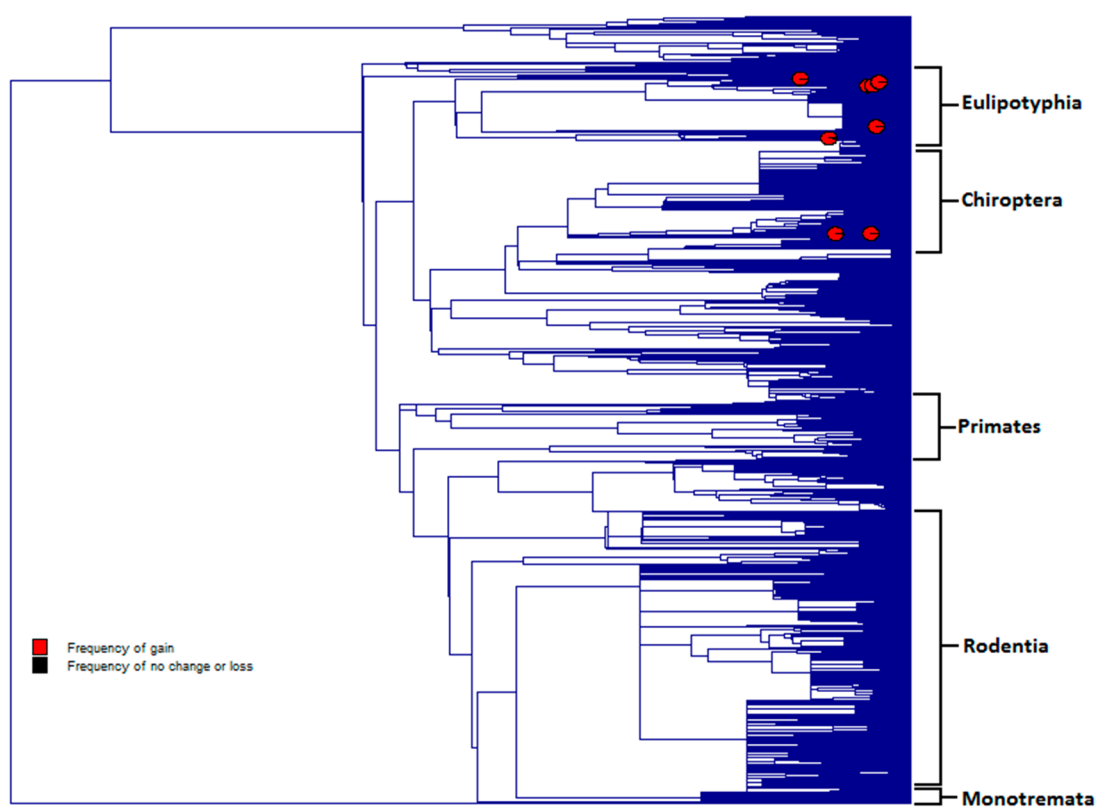


Figure S14. Estimates of ancestral shifts in predatory function for mammals.

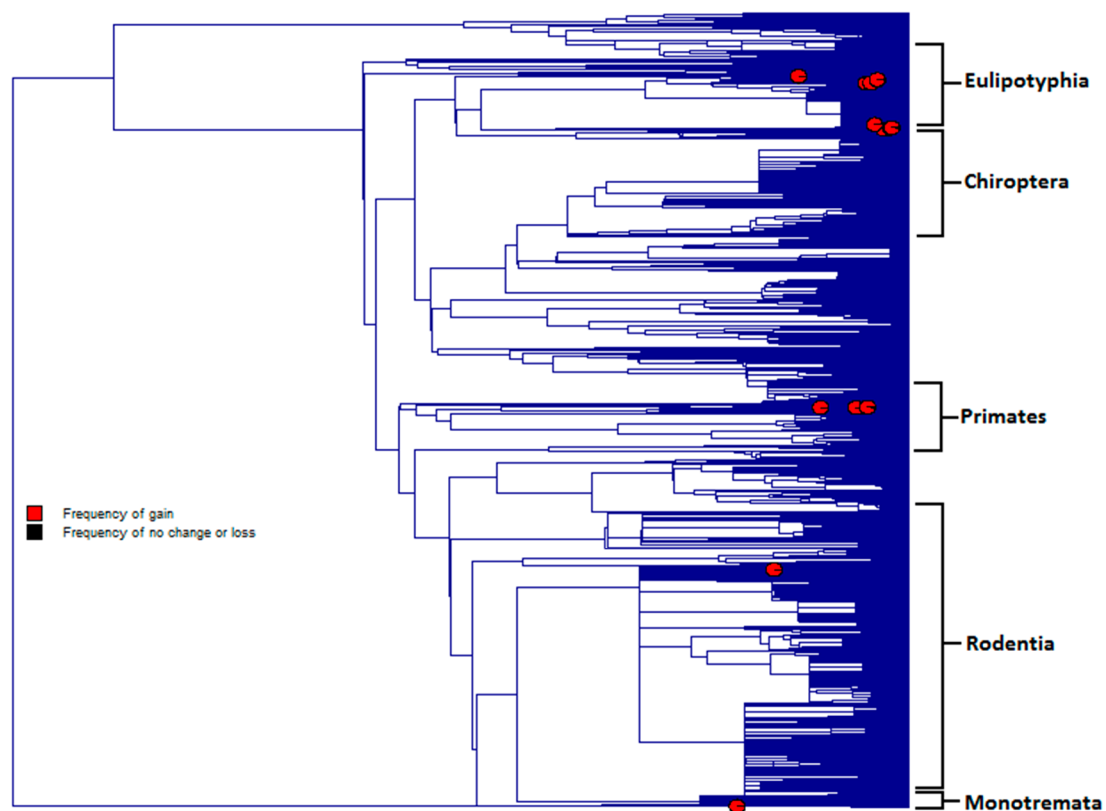


Figure S15. Estimates of ancestral shifts in defensive function for mammals.

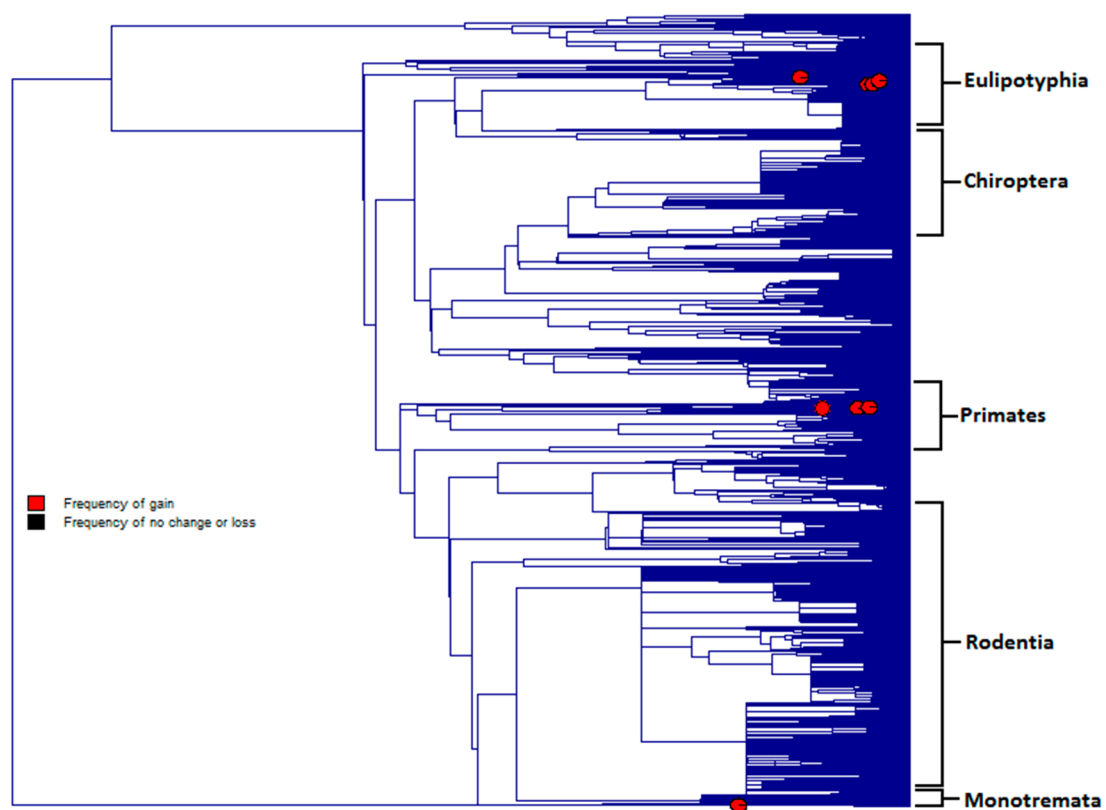


Figure S16. Estimates of ancestral shifts in an intraspecific competition function for mammals.

Birds

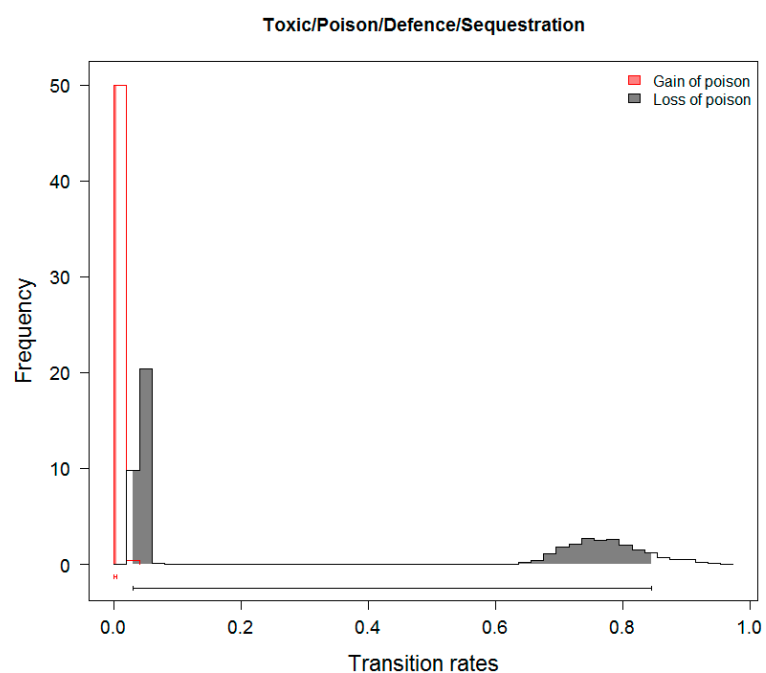


Figure S17. Posterior distributions of transition rate estimates (changes per lineage per million years) for birds.

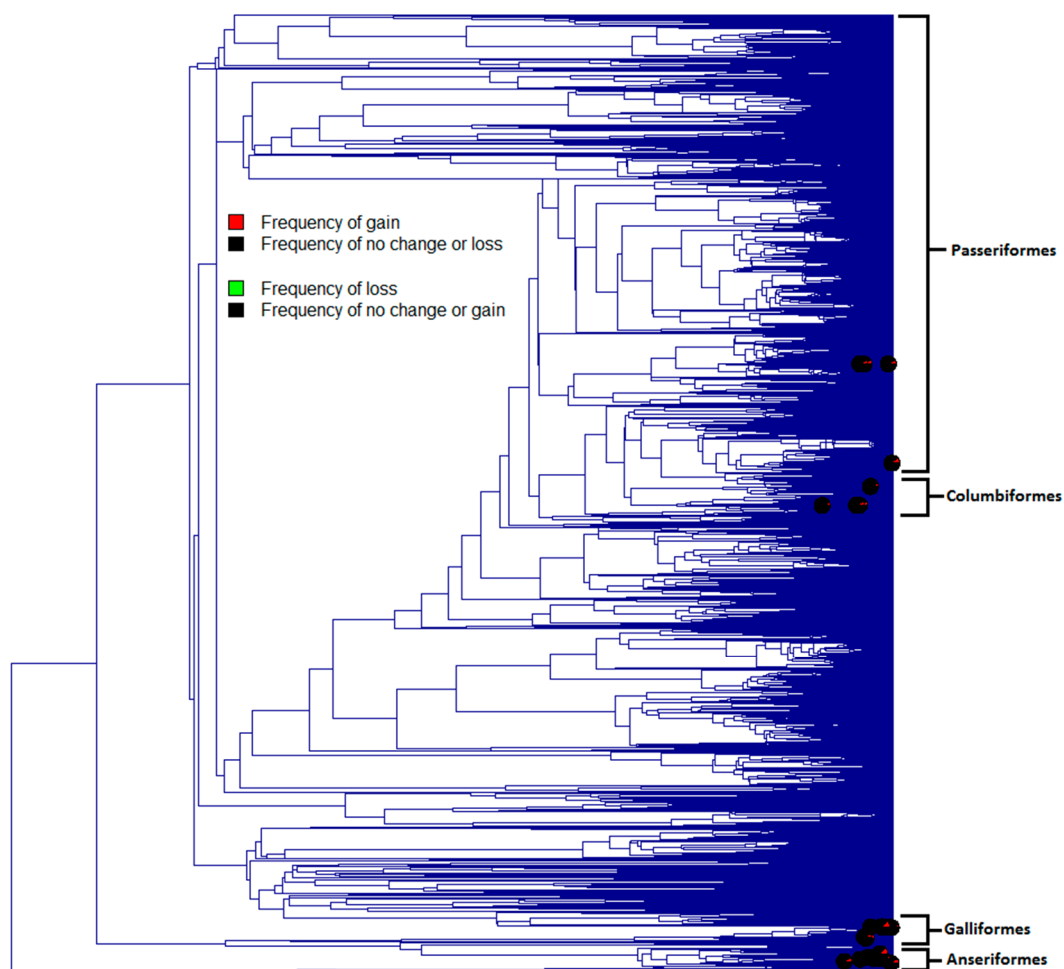


Figure S18. Estimates of ancestral shifts in toxic weaponry, poison, defensive function, and toxin sequestration for birds.

Table S1. List of toxic tetrapod species.

Species	Group	Poison	Venom	Reference
<i>Adelotus brevis</i>	Amphibia	1	0	[1]
<i>Africalus fornasini</i>	Amphibia	1	0	[1]
<i>Agalychnis annae</i>	Amphibia	1	0	[1]
<i>Agalychnis callidryas</i>	Amphibia	1	0	[1]
<i>Allobates femoralis</i>	Amphibia	1	0	[1]
<i>Allobates zaparo</i>	Amphibia	1	0	[1]
<i>Alytes cisternasii</i>	Amphibia	1	0	[1]
<i>Alytes dickhilleni</i>	Amphibia	1	0	[1]
<i>Alytes maurus</i>	Amphibia	1	0	[1]
<i>Alytes obstetricans</i>	Amphibia	1	0	[1]
<i>Ambystoma barbouri</i>	Amphibia	1	0	[1]
<i>Ambystoma californiense</i>	Amphibia	1	0	[1]
<i>Ambystoma cingulatum</i>	Amphibia	1	0	[1]
<i>Ambystoma gracile</i>	Amphibia	1	0	[1]
<i>Ambystoma jeffersonianum</i>	Amphibia	1	0	[1]
<i>Ambystoma laterale</i>	Amphibia	1	0	[1]
<i>Ambystoma mabeei</i>	Amphibia	1	0	[1]
<i>Ambystoma macrodactylum</i>	Amphibia	1	0	[1]
<i>Ambystoma maculatum</i>	Amphibia	1	0	[1]
<i>Ambystoma mexicanum</i>	Amphibia	1	0	[1]
<i>Ambystoma opacum</i>	Amphibia	1	0	[1]
<i>Ambystoma ordinarium</i>	Amphibia	1	0	[1]
<i>Ambystoma talpoideum</i>	Amphibia	1	0	[1]
<i>Ambystoma texanum</i>	Amphibia	1	0	[1]
<i>Ambystoma tigrinum</i>	Amphibia	1	0	[1]
<i>Ameerega bassleri</i>	Amphibia	1	0	[1]
<i>Ameerega bilineatus</i>	Amphibia	1	0	[1]
<i>Ameerega cainarachi</i>	Amphibia	1	0	[1]
<i>Ameerega flavopicta</i>	Amphibia	1	0	[1]
<i>Ameerega hahneli</i>	Amphibia	1	0	[1]
<i>Ameerega macero</i>	Amphibia	1	0	[1]
<i>Ameerega parvula</i>	Amphibia	1	0	[1]
<i>Ameerega petersi</i>	Amphibia	1	0	[1]
<i>Ameerega picta</i>	Amphibia	1	0	[1]
<i>Ameerega pulchripecta</i>	Amphibia	1	0	[1]
<i>Ameerega rubriventris</i>	Amphibia	1	0	[1]
<i>Ameerega silverstonei</i>	Amphibia	1	0	[1]
<i>Ameerega simulans</i>	Amphibia	1	0	[1]
<i>Ameerega trivittata</i>	Amphibia	1	0	[1]
<i>Amnirana galamensis</i>	Amphibia	1	0	[1]
<i>Amolops larutensis</i>	Amphibia	1	0	[1]
<i>Amolops loloensis</i>	Amphibia	1	0	[1]
<i>Amolops wuyiensis</i>	Amphibia	1	0	[1]
<i>Amphiuma pholeter</i>	Amphibia	1	0	[1]
<i>Andrias davidianus</i>	Amphibia	1	0	[1]
<i>Andrias japonicus</i>	Amphibia	1	0	[1]
<i>Aneides aeneus</i>	Amphibia	1	0	[1]
<i>Aneides ferreus</i>	Amphibia	1	0	[1]
<i>Aneides flavipunctatus</i>	Amphibia	1	0	[1]
<i>Aneides vagrans</i>	Amphibia	1	0	[1]

<i>Ansonia ornata</i>	Amphibia	1	0	[1]
<i>Aparasphenodon bruno</i>	Amphibia	1	1	[1]
<i>Aplastodiscus arildae</i>	Amphibia	1	0	[1]
<i>Aromobates nocturnus</i>	Amphibia	1	0	[1]
<i>Ascaphus truei</i>	Amphibia	1	0	[1]
<i>Atelopus chiriquiensis</i>	Amphibia	1	0	[1]
<i>Atelopus ignescens</i>	Amphibia	1	0	[1]
<i>Atelopus peruensis</i>	Amphibia	1	0	[1]
<i>Atelopus senex</i>	Amphibia	1	0	[1]
<i>Atelopus spumarius</i>	Amphibia	1	0	[1]
<i>Atelopus spurrelli</i>	Amphibia	1	0	[1]
<i>Atelopus varius</i>	Amphibia	1	0	[1]
<i>Atelopus zeteki</i>	Amphibia	1	0	[1]
<i>Batrachoseps attenuatus</i>	Amphibia	1	0	[1]
<i>Batrachoseps major</i>	Amphibia	1	0	[1]
<i>Bokermannohyla circumdata</i>	Amphibia	1	0	[1]
<i>Bokermannohyla hylax</i>	Amphibia	1	0	[1]
<i>Bolitoglossa flavimembris</i>	Amphibia	1	0	[1]
<i>Bolitoglossa lincolni</i>	Amphibia	1	0	[1]
<i>Bolitoglossa pesrubra</i>	Amphibia	1	0	[1]
<i>Bolitoglossa rostrata</i>	Amphibia	1	0	[1]
<i>Bolitoglossa rufescens</i>	Amphibia	1	0	[1]
<i>Bolitoglossa subpalmata</i>	Amphibia	1	0	[1]
<i>Bombina bombina</i>	Amphibia	1	0	[1]
<i>Bombina maxima</i>	Amphibia	1	0	[1]
<i>Bombina microdeladigitora</i>	Amphibia	1	0	[1]
<i>Bombina orientalis</i>	Amphibia	1	0	[1]
<i>Bombina pachypus</i>	Amphibia	1	0	[1]
<i>Bombina variegata</i>	Amphibia	1	0	[1]
<i>Boophis albilabris</i>	Amphibia	1	0	[1]
<i>Brachycephalus ephippium</i>	Amphibia	1	0	[1]
<i>Bufo alvarius</i>	Amphibia	1	0	[1]
<i>Bufo americanus</i>	Amphibia	1	0	[1]
<i>Bufo arenarum</i>	Amphibia	1	0	[1]
<i>Bufo arunco</i>	Amphibia	1	0	[1]
<i>Bufo asper</i>	Amphibia	1	0	[1]
<i>Bufo bankorensis</i>	Amphibia	1	0	[1]
<i>Bufo baxteri</i>	Amphibia	1	0	[1]
<i>Bufo biporcatus</i>	Amphibia	1	0	[1]
<i>Bufo bocourti</i>	Amphibia	1	0	[1]
<i>Bufo boreas</i>	Amphibia	1	0	[1]
<i>Bufo bufo</i>	Amphibia	1	0	[1]
<i>Bufo calamita</i>	Amphibia	1	0	[1]
<i>Bufo camerunensis</i>	Amphibia	1	0	[1]
<i>Bufo canorus</i>	Amphibia	1	0	[1]
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<i>Bufo fowleri</i>	Amphibia	1	0	[1]
<i>Bufo gargarizans</i>	Amphibia	1	0	[1]
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<i>Bufo garmani</i>	Amphibia	1	0	[1]
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<i>Cacosternum capense</i>	Amphibia	1	0	[1]
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<i>Centrolene geckoideum</i>	Amphibia	1	0	[1]
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<i>Chiromantis xerampelina</i>	Amphibia	1	0	[1]
<i>Chiropterotriton dimidiatus</i>	Amphibia	1	0	[1]
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<i>Colostethus inguinalis</i>	Amphibia	1	0	[1]
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<i>Craugastor augusti</i>	Amphibia	1	0	[1]
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<i>Dendrobates imitator</i>	Amphibia	1	0	[1]
<i>Dendrobates lehmanni</i>	Amphibia	1	0	[1]
<i>Dendrobates leucomelas</i>	Amphibia	1	0	[1]
<i>Dendrobates minutus</i>	Amphibia	1	0	[1]
<i>Dendrobates pumilio</i>	Amphibia	1	0	[1]
<i>Dendrobates quinquevittatus</i>	Amphibia	1	0	[1]
<i>Dendrobates reticulatus</i>	Amphibia	1	0	[1]
<i>Dendrobates speciosus</i>	Amphibia	1	0	[1]
<i>Dendrobates steyermarki</i>	Amphibia	1	0	[1]
<i>Dendrobates sylvaticus</i>	Amphibia	1	0	[1]
<i>Dendrobates tinctorius</i>	Amphibia	1	0	[1]
<i>Dendrobates truncatus</i>	Amphibia	1	0	[1]
<i>Dendrobates vanzolinii</i>	Amphibia	1	0	[1]
<i>Dendrobates variabilis</i>	Amphibia	1	0	[1]
<i>Dendrobates ventrimaculatus</i>	Amphibia	1	0	[1]
<i>Dendrobates vicentei</i>	Amphibia	1	0	[1]
<i>Dendropsophus triangulum</i>	Amphibia	1	0	[1]
<i>Dermatonotus muelleri</i>	Amphibia	1	0	[1]
<i>Dermophis mexicanus</i>	Amphibia	1	0	[1]
<i>Dicamptodon aterrimus</i>	Amphibia	1	0	[1]
<i>Dicamptodon tenebrosus</i>	Amphibia	1	0	[1]
<i>Discoglossus pictus</i>	Amphibia	1	0	[1]
<i>Discoglossus sardus</i>	Amphibia	1	0	[1]
<i>Dyscophus antongilii</i>	Amphibia	1	0	[1]

<i>Dyscophus guineti</i>	Amphibia	1	0	[1]
<i>Echinotriton andersoni</i>	Amphibia	1	0	[1]
<i>Echinotriton chinhaiensis</i>	Amphibia	1	0	[1]
<i>Edalorhina perezii</i>	Amphibia	1	0	[1]
<i>Eleutherodactylus cubanus</i>	Amphibia	1	0	[1]
<i>Eleutherodactylus etheridgei</i>	Amphibia	1	0	[1]
<i>Eleutherodactylus iberia</i>	Amphibia	1	0	[1]
<i>Eleutherodactylus jaumei</i>	Amphibia	1	0	[1]
<i>Eleutherodactylus limbatus</i>	Amphibia	1	0	[1]
<i>Eleutherodactylus martinicensis</i>	Amphibia	1	0	[1]
<i>Eleutherodactylus orientalis</i>	Amphibia	1	0	[1]
<i>Engystomops pustulosus</i>	Amphibia	1	0	[1]
<i>Ensatina eschscholtzii</i>	Amphibia	1	0	[1]
<i>Epipedobates anthonyi</i>	Amphibia	1	0	[1]
<i>Epipedobates espinosai</i>	Amphibia	1	0	[1]
<i>Epipedobates tricolor</i>	Amphibia	1	0	[1]
<i>Eupemphix nattereri</i>	Amphibia	1	0	[1]
<i>Euproctus montanus</i>	Amphibia	1	0	[1]
<i>Euproctus platycephalus</i>	Amphibia	1	0	[1]
<i>Eurycea aquatica</i>	Amphibia	1	0	[1]
<i>Eurycea bislineata</i>	Amphibia	1	0	[1]
<i>Eurycea longicauda</i>	Amphibia	1	0	[1]
<i>Eurycea lucifuga</i>	Amphibia	1	0	[1]
<i>Eurycea spelaea</i>	Amphibia	1	0	[1]
<i>Gastrophryne carolinensis</i>	Amphibia	1	0	[1]
<i>Gastrophryne olivacea</i>	Amphibia	1	0	[1]
<i>Gyrinophilus porphyriticus</i>	Amphibia	1	0	[1]
<i>Hadromophryne natalensis</i>	Amphibia	1	0	[1]
<i>Heleioporus australiacus</i>	Amphibia	1	0	[1]
<i>Heleophryne purcelli</i>	Amphibia	1	0	[1]
<i>Hemidactylium scutatum</i>	Amphibia	1	0	[1]
<i>Hoplobatrachus tigerinus</i>	Amphibia	1	0	[1]
<i>Hydromantes imperialis</i>	Amphibia	1	0	[1]
<i>Hydromantes italicus</i>	Amphibia	1	0	[1]
<i>Hydromantes platycephalus</i>	Amphibia	1	0	[1]
<i>Hyla annectans</i>	Amphibia	1	0	[1]
<i>Hyla arborea</i>	Amphibia	1	0	[1]
<i>Hyla arenicolor</i>	Amphibia	1	0	[1]
<i>Hyla chrysoscelis</i>	Amphibia	1	0	[1]
<i>Hyla intermedia</i>	Amphibia	1	0	[1]
<i>Hyla japonica</i>	Amphibia	1	0	[1]
<i>Hyla meridionalis</i>	Amphibia	1	0	[1]
<i>Hyla sarda</i>	Amphibia	1	0	[1]
<i>Hyla versicolor</i>	Amphibia	1	0	[1]
<i>Hyloscirtus tapichalaca</i>	Amphibia	1	0	[1]
<i>Hyloxalus azureiventris</i>	Amphibia	1	0	[1]
<i>Hynobius dunni</i>	Amphibia	1	0	[1]
<i>Hynobius leechii</i>	Amphibia	1	0	[1]
<i>Hynobius nebulosus</i>	Amphibia	1	0	[1]
<i>Hynobius tsuensis</i>	Amphibia	1	0	[1]
<i>Hypopachus variolosus</i>	Amphibia	1	0	[1]
<i>Hypsiboas albomarginatus</i>	Amphibia	1	0	[1]

<i>Hypsiboas bischoffi</i>	Amphibia	1	0	[1]
<i>Hypsiboas geographicus</i>	Amphibia	1	0	[1]
<i>Hypsiboas lundii</i>	Amphibia	1	0	[1]
<i>Hypsiboas pardalis</i>	Amphibia	1	0	[1]
<i>Ichthyophis glutinosus</i>	Amphibia	1	0	[1]
<i>Ichthyosaura alpestris</i>	Amphibia	1	0	[1]
<i>Kalophrynus pleurostigma</i>	Amphibia	1	0	[1]
<i>Kaloula pulchra</i>	Amphibia	1	0	[1]
<i>Kassina maculata</i>	Amphibia	1	0	[1]
<i>Kassina senegalensis</i>	Amphibia	1	0	[1]
<i>Laliostoma labrosum</i>	Amphibia	1	0	[1]
<i>Laotriton laoensis</i>	Amphibia	1	0	[1]
<i>Leiopelma pakeka</i>	Amphibia	1	0	[1]
<i>Leptodactylus bufonius</i>	Amphibia	1	0	[1]
<i>Leptodactylus chaquensis</i>	Amphibia	1	0	[1]
<i>Leptodactylus labyrinthicus</i>	Amphibia	1	0	[1]
<i>Leptodactylus melanonotus</i>	Amphibia	1	0	[1]
<i>Leptodactylus mystacinus</i>	Amphibia	1	0	[1]
<i>Leptodactylus ocellatus</i>	Amphibia	1	0	[1]
<i>Leptodactylus pentadactylus</i>	Amphibia	1	0	[1]
<i>Leptodactylus rhodonotus</i>	Amphibia	1	0	[1]
<i>Leptophryne borbonica</i>	Amphibia	1	0	[1]
<i>Limnodynastes dumerilii</i>	Amphibia	1	0	[1]
<i>Limnodynastes interioris</i>	Amphibia	1	0	[1]
<i>Limnodynastes terraereginae</i>	Amphibia	1	0	[1]
<i>Limnonectes kuhlii</i>	Amphibia	1	0	[1]
<i>Lissotriton boscai</i>	Amphibia	1	0	[1]
<i>Lissotriton helveticus</i>	Amphibia	1	0	[1]
<i>Lissotriton vulgaris</i>	Amphibia	1	0	[1]
<i>Lithodytes lineatus</i>	Amphibia	1	0	[1]
<i>Litoria adelaidensis</i>	Amphibia	1	0	[1]
<i>Litoria aurea</i>	Amphibia	1	0	[1]
<i>Litoria caerulea</i>	Amphibia	1	0	[1]
<i>Litoria chloris</i>	Amphibia	1	0	[1]
<i>Litoria citropa</i>	Amphibia	1	0	[1]
<i>Litoria dahlii</i>	Amphibia	1	0	[1]
<i>Litoria electrica</i>	Amphibia	1	0	[1]
<i>Litoria ewingii</i>	Amphibia	1	0	[1]
<i>Litoria genimaculata</i>	Amphibia	1	0	[1]
<i>Litoria gilleni</i>	Amphibia	1	0	[1]
<i>Litoria gracilentia</i>	Amphibia	1	0	[1]
<i>Litoria infrafrenata</i>	Amphibia	1	0	[1]
<i>Litoria jervisiensis</i>	Amphibia	1	0	[1]
<i>Litoria lesueurii</i>	Amphibia	1	0	[1]
<i>Litoria moorei</i>	Amphibia	1	0	[1]
<i>Litoria peronii</i>	Amphibia	1	0	[1]
<i>Litoria raniformis</i>	Amphibia	1	0	[1]
<i>Litoria rothii</i>	Amphibia	1	0	[1]
<i>Litoria rubella</i>	Amphibia	1	0	[1]
<i>Litoria splendida</i>	Amphibia	1	0	[1]
<i>Litoria subglandulosa</i>	Amphibia	1	0	[1]
<i>Litoria xanthomera</i>	Amphibia	1	0	[1]

<i>Lyciasalamandra billae</i>	Amphibia	1	0	[1]
<i>Lyciasalamandra luschani</i>	Amphibia	1	0	[1]
<i>Mantella aurantiaca</i>	Amphibia	1	0	[1]
<i>Mantella baroni</i>	Amphibia	1	0	[1]
<i>Mantella bernhardi</i>	Amphibia	1	0	[1]
<i>Mantella betsileo</i>	Amphibia	1	0	[1]
<i>Mantella cowanii</i>	Amphibia	1	0	[1]
<i>Mantella crocea</i>	Amphibia	1	0	[1]
<i>Mantella expectata</i>	Amphibia	1	0	[1]
<i>Mantella laevigata</i>	Amphibia	1	0	[1]
<i>Mantella madagascariensis</i>	Amphibia	1	0	[1]
<i>Mantella manery</i>	Amphibia	1	0	[1]
<i>Mantella milotympanum</i>	Amphibia	1	0	[1]
<i>Mantella pulchra</i>	Amphibia	1	0	[1]
<i>Mantella viridis</i>	Amphibia	1	0	[1]
<i>Melanophryniscus klappenbachi</i>	Amphibia	1	0	[1]
<i>Melanophryniscus rubriventris</i>	Amphibia	1	0	[1]
<i>Melanophryniscus stelzneri</i>	Amphibia	1	0	[1]
<i>Mertensiella caucasica</i>	Amphibia	1	0	[1]
<i>Metacrinia nicholli</i>	Amphibia	1	0	[1]
<i>Necturus lewisi</i>	Amphibia	1	0	[1]
<i>Necturus punctatus</i>	Amphibia	1	0	[1]
<i>Neobatrachus pictus</i>	Amphibia	1	0	[1]
<i>Neobatrachus sudelli</i>	Amphibia	1	0	[1]
<i>Notaden bennettii</i>	Amphibia	1	0	[1]
<i>Notaden melanoscapus</i>	Amphibia	1	0	[1]
<i>Notophthalmus meridionalis</i>	Amphibia	1	0	[1]
<i>Notophthalmus perstriatus</i>	Amphibia	1	0	[1]
<i>Notophthalmus viridescens</i>	Amphibia	1	0	[1]
<i>Nototriton abscondens</i>	Amphibia	1	0	[1]
<i>Nototriton gamezi</i>	Amphibia	1	0	[1]
<i>Nototriton guanacaste</i>	Amphibia	1	0	[1]
<i>Nototriton picadoi</i>	Amphibia	1	0	[1]
<i>Nototriton richardi</i>	Amphibia	1	0	[1]
<i>Nyctixalus pictus</i>	Amphibia	1	0	[1]
<i>Odontophrynus americanus</i>	Amphibia	1	0	[1]
<i>Odontophrynus carvalhoi</i>	Amphibia	1	0	[1]
<i>Odorrana schmackeri</i>	Amphibia	1	0	[1]
<i>Osteopilus dominicensis</i>	Amphibia	1	0	[1]
<i>Osteopilus septentrionalis</i>	Amphibia	1	0	[1]
<i>Osteopilus vastus</i>	Amphibia	1	0	[1]
<i>Pachymedusa dacnicolor</i>	Amphibia	1	0	[1]
<i>Pachytriton brevipes</i>	Amphibia	1	0	[1]
<i>Paramesotriton caudopunctatus</i>	Amphibia	1	0	[1]
<i>Paramesotriton chinensis</i>	Amphibia	1	0	[1]
<i>Paramesotriton hongkongensis</i>	Amphibia	1	0	[1]
<i>Pedostibes hosii</i>	Amphibia	1	0	[1]
<i>Pelobates cultripes</i>	Amphibia	1	0	[1]
<i>Pelobates fuscus</i>	Amphibia	1	0	[1]
<i>Phasmahyla jandaia</i>	Amphibia	1	0	[1]
<i>Phlyctimantis verrucosus</i>	Amphibia	1	0	[1]
<i>Phrynomantis bifasciatus</i>	Amphibia	1	0	[1]

<i>Phrynomedusa marginata</i>	Amphibia	1	0	[1]
<i>Phyllobates aurotaenia</i>	Amphibia	1	0	[1]
<i>Phyllobates bicolor</i>	Amphibia	1	0	[1]
<i>Phyllobates lugubris</i>	Amphibia	1	0	[1]
<i>Phyllobates terribilis</i>	Amphibia	1	0	[1]
<i>Phyllobates vittatus</i>	Amphibia	1	0	[1]
<i>Phyllomedusa azurea</i>	Amphibia	1	0	[1]
<i>Phyllomedusa bahiana</i>	Amphibia	1	0	[1]
<i>Phyllomedusa bicolor</i>	Amphibia	1	0	[1]
<i>Phyllomedusa burmeisteri</i>	Amphibia	1	0	[1]
<i>Phyllomedusa camba</i>	Amphibia	1	0	[1]
<i>Phyllomedusa centralis</i>	Amphibia	1	0	[1]
<i>Phyllomedusa distincta</i>	Amphibia	1	0	[1]
<i>Phyllomedusa hypochondrialis</i>	Amphibia	1	0	[1]
<i>Phyllomedusa megacephala</i>	Amphibia	1	0	[1]
<i>Phyllomedusa nordestina</i>	Amphibia	1	0	[1]
<i>Phyllomedusa palliata</i>	Amphibia	1	0	[1]
<i>Phyllomedusa rohdei</i>	Amphibia	1	0	[1]
<i>Phyllomedusa sauvagii</i>	Amphibia	1	0	[1]
<i>Phyllomedusa tarsius</i>	Amphibia	1	0	[1]
<i>Phyllomedusa tetraploidea</i>	Amphibia	1	0	[1]
<i>Phyllomedusa tomodopterna</i>	Amphibia	1	0	[1]
<i>Phyllomedusa trinitatis</i>	Amphibia	1	0	[1]
<i>Phyllomedusa vaillantii</i>	Amphibia	1	0	[1]
<i>Physalaemus albonotatus</i>	Amphibia	1	0	[1]
<i>Physalaemus biligonigerus</i>	Amphibia	1	0	[1]
<i>Physalaemus signifer</i>	Amphibia	1	0	[1]
<i>Plethodon albagula</i>	Amphibia	1	0	[1]
<i>Plethodon amplus</i>	Amphibia	1	0	[1]
<i>Plethodon angusticlavius</i>	Amphibia	1	0	[1]
<i>Plethodon asupak</i>	Amphibia	1	0	[1]
<i>Plethodon aureolus</i>	Amphibia	1	0	[1]
<i>Plethodon caddoensis</i>	Amphibia	1	0	[1]
<i>Plethodon chattahoochee</i>	Amphibia	1	0	[1]
<i>Plethodon cheoah</i>	Amphibia	1	0	[1]
<i>Plethodon chlorobryonis</i>	Amphibia	1	0	[1]
<i>Plethodon cinereus</i>	Amphibia	1	0	[1]
<i>Plethodon cylindraceus</i>	Amphibia	1	0	[1]
<i>Plethodon dorsalis</i>	Amphibia	1	0	[1]
<i>Plethodon dunni</i>	Amphibia	1	0	[1]
<i>Plethodon electromorphus</i>	Amphibia	1	0	[1]
<i>Plethodon elongatus</i>	Amphibia	1	0	[1]
<i>Plethodon fourchensis</i>	Amphibia	1	0	[1]
<i>Plethodon glutinosus</i>	Amphibia	1	0	[1]
<i>Plethodon grobmani</i>	Amphibia	1	0	[1]
<i>Plethodon hoffmani</i>	Amphibia	1	0	[1]
<i>Plethodon hubrichti</i>	Amphibia	1	0	[1]
<i>Plethodon idahoensis</i>	Amphibia	1	0	[1]
<i>Plethodon jordani</i>	Amphibia	1	0	[1]
<i>Plethodon kentucki</i>	Amphibia	1	0	[1]
<i>Plethodon kiamichi</i>	Amphibia	1	0	[1]
<i>Plethodon kisatchie</i>	Amphibia	1	0	[1]

<i>Plethodon larselli</i>	Amphibia	1	0	[1]
<i>Plethodon meridianus</i>	Amphibia	1	0	[1]
<i>Plethodon metcalfi</i>	Amphibia	1	0	[1]
<i>Plethodon mississippi</i>	Amphibia	1	0	[1]
<i>Plethodon montanus</i>	Amphibia	1	0	[1]
<i>Plethodon neomexicanus</i>	Amphibia	1	0	[1]
<i>Plethodon nettingi</i>	Amphibia	1	0	[1]
<i>Plethodon ocmulgee</i>	Amphibia	1	0	[1]
<i>Plethodon ouachitae</i>	Amphibia	1	0	[1]
<i>Plethodon petraeus</i>	Amphibia	1	0	[1]
<i>Plethodon punctatus</i>	Amphibia	1	0	[1]
<i>Plethodon richmondi</i>	Amphibia	1	0	[1]
<i>Plethodon savannah</i>	Amphibia	1	0	[1]
<i>Plethodon sequoyah</i>	Amphibia	1	0	[1]
<i>Plethodon serratus</i>	Amphibia	1	0	[1]
<i>Plethodon shenandoah</i>	Amphibia	1	0	[1]
<i>Plethodon shermani</i>	Amphibia	1	0	[1]
<i>Plethodon stormi</i>	Amphibia	1	0	[1]
<i>Plethodon teyahalee</i>	Amphibia	1	0	[1]
<i>Plethodon vandykei</i>	Amphibia	1	0	[1]
<i>Plethodon variolatus</i>	Amphibia	1	0	[1]
<i>Plethodon vehiculum</i>	Amphibia	1	0	[1]
<i>Plethodon ventralis</i>	Amphibia	1	0	[1]
<i>Plethodon virginia</i>	Amphibia	1	0	[1]
<i>Plethodon websteri</i>	Amphibia	1	0	[1]
<i>Plethodon wehrlei</i>	Amphibia	1	0	[1]
<i>Plethodon welleri</i>	Amphibia	1	0	[1]
<i>Plethodon yonahlossee</i>	Amphibia	1	0	[1]
<i>Plethodontohyla tuberata</i>	Amphibia	1	0	[1]
<i>Pleurodeles waltl</i>	Amphibia	1	0	[1]
<i>Pleurodema bibroni</i>	Amphibia	1	0	[1]
<i>Pleurodema brachyops</i>	Amphibia	1	0	[1]
<i>Pleurodema bufoninum</i>	Amphibia	1	0	[1]
<i>Pleurodema marmoratum</i>	Amphibia	1	0	[1]
<i>Pleurodema thaul</i>	Amphibia	1	0	[1]
<i>Polypedates leucomystax</i>	Amphibia	1	0	[1]
<i>Polypedates maculatus</i>	Amphibia	1	0	[1]
<i>Proceratophrys appendiculata</i>	Amphibia	1	0	[1]
<i>Proceratophrys boiei</i>	Amphibia	1	0	[1]
<i>Proceratophrys cururu</i>	Amphibia	1	0	[1]
<i>Proceratophrys laticeps</i>	Amphibia	1	0	[1]
<i>Pseudoeurycea brunnata</i>	Amphibia	1	0	[1]
<i>Pseudoeurycea goebeli</i>	Amphibia	1	0	[1]
<i>Pseudoeurycea smithi</i>	Amphibia	1	0	[1]
<i>Pseudophryne bibronii</i>	Amphibia	1	0	[1]
<i>Pseudophryne coriacea</i>	Amphibia	1	0	[1]
<i>Pseudotriton montanus</i>	Amphibia	1	0	[1]
<i>Pseudotriton ruber</i>	Amphibia	1	0	[1]
<i>Ptychadena porosissima</i>	Amphibia	1	0	[1]
<i>Rana andersonii</i>	Amphibia	1	0	[1]
<i>Rana areolata</i>	Amphibia	1	0	[1]
<i>Rana arvalis</i>	Amphibia	1	0	[1]

<i>Rana aurora</i>	Amphibia	1	0	[1]
<i>Rana capito</i>	Amphibia	1	0	[1]
<i>Rana chalconota</i>	Amphibia	1	0	[1]
<i>Rana chensinensis</i>	Amphibia	1	0	[1]
<i>Rana chloronota</i>	Amphibia	1	0	[1]
<i>Rana dalmatina</i>	Amphibia	1	0	[1]
<i>Rana dybowskii</i>	Amphibia	1	0	[1]
<i>Rana esculenta</i>	Amphibia	1	0	[1]
<i>Rana grahami</i>	Amphibia	1	0	[1]
<i>Rana grylio</i>	Amphibia	1	0	[1]
<i>Rana guentheri</i>	Amphibia	1	0	[1]
<i>Rana heckscheri</i>	Amphibia	1	0	[1]
<i>Rana hosii</i>	Amphibia	1	0	[1]
<i>Rana iberica</i>	Amphibia	1	0	[1]
<i>Rana latastei</i>	Amphibia	1	0	[1]
<i>Rana lessonae</i>	Amphibia	1	0	[1]
<i>Rana livida</i>	Amphibia	1	0	[1]
<i>Rana luteiventris</i>	Amphibia	1	0	[1]
<i>Rana macrocnemis</i>	Amphibia	1	0	[1]
<i>Rana margaretae</i>	Amphibia	1	0	[1]
<i>Rana montezumae</i>	Amphibia	1	0	[1]
<i>Rana muscosa</i>	Amphibia	1	0	[1]
<i>Rana nigrovittata</i>	Amphibia	1	0	[1]
<i>Rana palmipes</i>	Amphibia	1	0	[1]
<i>Rana palustris</i>	Amphibia	1	0	[1]
<i>Rana pipiens</i>	Amphibia	1	0	[1]
<i>Rana raniceps</i>	Amphibia	1	0	[1]
<i>Rana ridibunda</i>	Amphibia	1	0	[1]
<i>Rana rugosa</i>	Amphibia	1	0	[1]
<i>Rana septentrionalis</i>	Amphibia	1	0	[1]
<i>Rana sevosae</i>	Amphibia	1	0	[1]
<i>Rana shuchinae</i>	Amphibia	1	0	[1]
<i>Rana sierramadrensis</i>	Amphibia	1	0	[1]
<i>Rana signata</i>	Amphibia	1	0	[1]
<i>Rana sphenocephala</i>	Amphibia	1	0	[1]
<i>Rana sylvatica</i>	Amphibia	1	0	[1]
<i>Rana tagoi</i>	Amphibia	1	0	[1]
<i>Rana tarahumarae</i>	Amphibia	1	0	[1]
<i>Rana temporaria</i>	Amphibia	1	0	[1]
<i>Rana vaillanti</i>	Amphibia	1	0	[1]
<i>Rana versabilis</i>	Amphibia	1	0	[1]
<i>Rana warszewitschii</i>	Amphibia	1	0	[1]
<i>Rhacophorus feae</i>	Amphibia	1	0	[1]
<i>Rhacophorus omeimontis</i>	Amphibia	1	0	[1]
<i>Rhinophrynus dorsalis</i>	Amphibia	1	0	[1]
<i>Rhyacotriton olympicus</i>	Amphibia	1	0	[1]
<i>Salamandra algira</i>	Amphibia	1	0	[1]
<i>Salamandra atra</i>	Amphibia	1	0	[1]
<i>Salamandra corsica</i>	Amphibia	1	0	[1]
<i>Salamandra infraimmaculata</i>	Amphibia	1	0	[1]
<i>Salamandra lanzai</i>	Amphibia	1	0	[1]
<i>Salamandra salamandra</i>	Amphibia	1	0	[1]

<i>Salamandrina terdigitata</i>	Amphibia	1	0	[1]
<i>Scaphiopus couchii</i>	Amphibia	1	0	[1]
<i>Scaphiopus holbrookii</i>	Amphibia	1	0	[1]
<i>Scaphiopus hurterii</i>	Amphibia	1	0	[1]
<i>Schistometopum thomense</i>	Amphibia	1	0	[1]
<i>Scinax acuminatus</i>	Amphibia	1	0	[1]
<i>Scolecophorus vittatus</i>	Amphibia	1	0	[1]
<i>Silurana epittropicalis</i>	Amphibia	1	0	[1]
<i>Silurana tropicalis</i>	Amphibia	1	0	[1]
<i>Siphonops annulatus</i>	Amphibia	1	0	[1]
<i>Siphonops paulensis</i>	Amphibia	1	0	[1]
<i>Spea bombifrons</i>	Amphibia	1	0	[1]
<i>Spea hammondi</i>	Amphibia	1	0	[1]
<i>Spea intermontana</i>	Amphibia	1	0	[1]
<i>Spea multiplicata</i>	Amphibia	1	0	[1]
<i>Taricha granulosa</i>	Amphibia	1	0	[1]
<i>Taricha rivularis</i>	Amphibia	1	0	[1]
<i>Taricha torosa</i>	Amphibia	1	0	[1]
<i>Taudactylus acutirostris</i>	Amphibia	1	0	[1]
<i>Tomopterna delalandii</i>	Amphibia	1	0	[1]
<i>Trachycephalus mesophaeus</i>	Amphibia	1	0	[1]
<i>Trachycephalus resinifictrix</i>	Amphibia	1	0	[1]
<i>Trachycephalus venulosus</i>	Amphibia	1	0	[1]
<i>Triturus carnifex</i>	Amphibia	1	0	[1]
<i>Triturus cristatus</i>	Amphibia	1	0	[1]
<i>Triturus dobrogicus</i>	Amphibia	1	0	[1]
<i>Triturus karelinii</i>	Amphibia	1	0	[1]
<i>Triturus marmoratus</i>	Amphibia	1	0	[1]
<i>Triturus pygmaeus</i>	Amphibia	1	0	[1]
<i>Tylostotriton verrucosus</i>	Amphibia	1	0	[1]
<i>Tylostotriton wenxianensis</i>	Amphibia	1	0	[1]
<i>Typhlonectes natans</i>	Amphibia	1	0	[1]
<i>Uperoleia laevis</i>	Amphibia	1	0	[1]
<i>Uperoleia littlejohni</i>	Amphibia	1	0	[1]
<i>Xenopus amieti</i>	Amphibia	1	0	[1]
<i>Xenopus borealis</i>	Amphibia	1	0	[1]
<i>Xenopus gilli</i>	Amphibia	1	0	[1]
<i>Xenopus laevis</i>	Amphibia	1	0	[1]
<i>Xenopus muelleri</i>	Amphibia	1	0	[1]
<i>Bonasa umbellus</i>	Aves	1	0	[2]
<i>Colluricincla megarrhyncha</i>	Aves	1	0	[2]
<i>Columba arquatrix</i>	Aves	1	0	[2]
<i>Coturnix coturnix</i>	Aves	1	0	[3]
<i>Ergaticus ruber</i>	Aves	1	0	[2]
<i>Ifrita kowaldi</i>	Aves	1	0	[4]
<i>Nesoenas mayeri</i>	Aves	1	0	[2]
<i>Phaps chalcoptera</i>	Aves	1	0	[2]
<i>Phaps elegans</i>	Aves	1	0	[2]
<i>Pitohui cristatus</i>	Aves	1	0	[5,6]
<i>Pitohui dichrous</i>	Aves	1	0	[5,6]
<i>Pitohui ferrugineus</i>	Aves	1	0	[5,6]
<i>Pitohui kirhocephalus</i>	Aves	1	0	[5,6]

<i>Pitohui nigrescens</i>	Aves	1	0	[5,6]
<i>Plectropterus gambensis</i>	Aves	1	0	[2]
<i>Atelerix albiventris</i>	Mammalia	1	0	[7,8]
<i>Blarina brevicauda</i>	Mammalia	0	1	[9,10]
<i>Blarina carolinensis</i>	Mammalia	0	1	[9,10]
<i>Blarina hylophaga</i>	Mammalia	0	1	[9,10]
<i>Crociodura canariensis</i>	Mammalia	0	1	[9,10]
<i>Desmodus rotundus</i>	Mammalia	0	1	[9]
<i>Diaemus youngi</i>	Mammalia	0	1	[9]
<i>Diphylla ecaudata</i>	Mammalia	0	1	[9]
<i>Erinaceus europaeus</i>	Mammalia	1	0	[11]
<i>Hemiechinus auritus</i>	Mammalia	1	0	[11]
<i>Lophiomys imhausi</i>	Mammalia	1	0	[12]
<i>Loris tardigradus</i>	Mammalia	0	1	[9]
<i>Neomys anomalus</i>	Mammalia	0	1	[9]
<i>Neomys fodiens</i>	Mammalia	0	1	[9]
<i>Neomys schelkovnikovi</i>	Mammalia	0	1	[9]
<i>Nycticebus coucang</i>	Mammalia	0	1	[9]
<i>Nycticebus pygmaeus</i>	Mammalia	0	1	[9]
<i>Ornithorhynchus anatinus</i>	Mammalia	0	1	[13]
<i>Perodicticus potto</i>	Mammalia	0	1	[14]
<i>Solenodon cubanus</i>	Mammalia	0	1	[10]
<i>Solenodon paradoxus</i>	Mammalia	0	1	[10]
<i>Talpa europaea</i>	Mammalia	0	1	[10]
<i>Abronia graminea</i>	Reptilia	0	1	[15]
<i>Acalyptophis peronii</i>	Reptilia	0	1	[16]
<i>Acanthophis antarcticus</i>	Reptilia	0	1	[17]
<i>Acanthophis praelongus</i>	Reptilia	0	1	[17]
<i>Agkistrodon bilineatus</i>	Reptilia	0	1	[17]
<i>Agkistrodon contortrix</i>	Reptilia	0	1	[17]
<i>Agkistrodon piscivorus</i>	Reptilia	0	1	[17]
<i>Agkistrodon taylori</i>	Reptilia	0	1	[17]
<i>Ahaetulla fronticincta</i>	Reptilia	0	1	[17]
<i>Ahaetulla nasuta</i>	Reptilia	0	1	[18]
<i>Ahaetulla pulverulenta</i>	Reptilia	0	1	[17]
<i>Aipysurus apraefrontalis</i>	Reptilia	0	1	[17]
<i>Aipysurus duboisii</i>	Reptilia	0	1	[17]
<i>Aipysurus fuscus</i>	Reptilia	0	1	[17]
<i>Aipysurus laevis</i>	Reptilia	0	1	[17]
<i>Alsophis anomalus</i>	Reptilia	0	1	[17]
<i>Alsophis antiquae</i>	Reptilia	0	1	[17]
<i>Alsophis antillensis</i>	Reptilia	0	1	[17]
<i>Alsophis biserialis</i>	Reptilia	0	1	[17]
<i>Alsophis cantherigerus</i>	Reptilia	0	1	[18]
<i>Alsophis elegans</i>	Reptilia	0	1	[17]
<i>Alsophis portoricensis</i>	Reptilia	0	1	[17,19]
<i>Alsophis rijgersmaei</i>	Reptilia	0	1	[17]
<i>Alsophis rufiventris</i>	Reptilia	0	1	[17]
<i>Alsophis vudii</i>	Reptilia	0	1	[17]
<i>Amblyodipsas dimidiata</i>	Reptilia	0	1	[17]
<i>Amblyodipsas polylepis</i>	Reptilia	0	1	[17]
<i>Amphiesma craspedogaster</i>	Reptilia	0	1	[19]

<i>Amphiesma sauteri</i>	Reptilia	0	1	[19]
<i>Amphiesma stolatum</i>	Reptilia	0	1	[19]
<i>Amplorhinus multimaculatus</i>	Reptilia	0	1	[18]
<i>Aparallactus capensis</i>	Reptilia	0	1	[18]
<i>Aparallactus guentheri</i>	Reptilia	0	1	[17]
<i>Aparallactus modestus</i>	Reptilia	0	1	[17]
<i>Aparallactus werneri</i>	Reptilia	0	1	[17]
<i>Apostolepis albicollaris</i>	Reptilia	0	1	[18]
<i>Apostolepis assimilis</i>	Reptilia	0	1	[18]
<i>Apostolepis cearensis</i>	Reptilia	0	1	[18]
<i>Apostolepis dimidiata</i>	Reptilia	0	1	[18]
<i>Apostolepis flavotorquata</i>	Reptilia	0	1	[18]
<i>Apostolepis sanctaeritae</i>	Reptilia	0	1	[18]
<i>Aspidelaps scutatus</i>	Reptilia	0	1	[17]
<i>Aspidomorphus lineaticollis</i>	Reptilia	0	1	[17]
<i>Aspidomorphus muelleri</i>	Reptilia	0	1	[17]
<i>Aspidomorphus schlegeli</i>	Reptilia	0	1	[17]
<i>Astrotia stokesii</i>	Reptilia	0	1	[20]
<i>Atheris barbouri</i>	Reptilia	0	1	[17]
<i>Atheris ceratophora</i>	Reptilia	0	1	[17]
<i>Atheris chlorechis</i>	Reptilia	0	1	[17]
<i>Atheris desaixi</i>	Reptilia	0	1	[17]
<i>Atheris hispida</i>	Reptilia	0	1	[17]
<i>Atheris nitschei</i>	Reptilia	0	1	[17]
<i>Atheris squamigera</i>	Reptilia	0	1	[17]
<i>Atractaspis bibronii</i>	Reptilia	0	1	[17]
<i>Atractaspis boulengeri</i>	Reptilia	0	1	[17]
<i>Atractaspis corpulenta</i>	Reptilia	0	1	[17]
<i>Atractaspis irregularis</i>	Reptilia	0	1	[17]
<i>Atractaspis microlepidota</i>	Reptilia	0	1	[17]
<i>Atractaspis micropholis</i>	Reptilia	0	1	[17]
<i>Atropoides nummifer</i>	Reptilia	0	1	[17]
<i>Atropoides occiduus</i>	Reptilia	0	1	[17]
<i>Atropoides olmec</i>	Reptilia	0	1	[17]
<i>Atropoides picadoi</i>	Reptilia	0	1	[17]
<i>Austrelaps labialis</i>	Reptilia	0	1	[17]
<i>Austrelaps superbus</i>	Reptilia	0	1	[17]
<i>Azemios feae</i>	Reptilia	0	1	[17]
<i>Balanophis ceylonensis</i>	Reptilia	1	1	[18]
<i>Bitia hydroides</i>	Reptilia	0	1	[17]
<i>Bitis arietans</i>	Reptilia	0	1	[17]
<i>Bitis atropos</i>	Reptilia	0	1	[17]
<i>Bitis caudalis</i>	Reptilia	0	1	[17]
<i>Bitis cornuta</i>	Reptilia	0	1	[17]
<i>Bitis gabonica</i>	Reptilia	0	1	[17]
<i>Bitis nasicornis</i>	Reptilia	0	1	[17]
<i>Bitis peringueyi</i>	Reptilia	0	1	[17]
<i>Bitis rubida</i>	Reptilia	0	1	[17]
<i>Bitis worthingtoni</i>	Reptilia	0	1	[17]
<i>Bitis xeropaga</i>	Reptilia	0	1	[17]
<i>Boiga barnesii</i>	Reptilia	0	1	[18]
<i>Boiga beddomei</i>	Reptilia	0	1	[17]

<i>Boiga ceylonensis</i>	Reptilia	0	1	[18]
<i>Boiga cynodon</i>	Reptilia	0	1	[18]
<i>Boiga dendrophila</i>	Reptilia	0	1	[19]
<i>Boiga forsteni</i>	Reptilia	0	1	[18]
<i>Boiga irregularis</i>	Reptilia	0	1	[19]
<i>Boiga kraepelini</i>	Reptilia	0	1	[17]
<i>Boiga multomaculata</i>	Reptilia	0	1	[17]
<i>Boiga pulverulenta</i>	Reptilia	0	1	[17]
<i>Boiga trigonata</i>	Reptilia	0	1	[18]
<i>Boruna maculata</i>	Reptilia	0	1	[18]
<i>Bothriechis aurifer</i>	Reptilia	0	1	[17]
<i>Bothriechis bicolor</i>	Reptilia	0	1	[17]
<i>Bothriechis lateralis</i>	Reptilia	0	1	[17]
<i>Bothriechis marchi</i>	Reptilia	0	1	[17]
<i>Bothriechis nigroviridis</i>	Reptilia	0	1	[17]
<i>Bothriechis rowleyi</i>	Reptilia	0	1	[17]
<i>Bothriechis schlegelii</i>	Reptilia	0	1	[17]
<i>Bothriechis thalassinus</i>	Reptilia	0	1	[17]
<i>Bothriopsis bilineata</i>	Reptilia	0	1	[17]
<i>Bothriopsis chloromelas</i>	Reptilia	0	1	[17]
<i>Bothriopsis pulchra</i>	Reptilia	0	1	[17]
<i>Bothriopsis taeniata</i>	Reptilia	0	1	[17]
<i>Bothrocophias campbelli</i>	Reptilia	0	1	[17]
<i>Bothrocophias hyoprora</i>	Reptilia	0	1	[17]
<i>Bothrocophias microphthalmus</i>	Reptilia	0	1	[17]
<i>Bothrops alcatraz</i>	Reptilia	0	1	[17]
<i>Bothrops alternatus</i>	Reptilia	0	1	[17]
<i>Bothrops ammodytoides</i>	Reptilia	0	1	[17]
<i>Bothrops asper</i>	Reptilia	0	1	[17]
<i>Bothrops atrox</i>	Reptilia	0	1	[17]
<i>Bothrops brazili</i>	Reptilia	0	1	[17]
<i>Bothrops caribbaeus</i>	Reptilia	0	1	[17]
<i>Bothrops colombiensis</i>	Reptilia	0	1	[17]
<i>Bothrops cotiara</i>	Reptilia	0	1	[17]
<i>Bothrops diporus</i>	Reptilia	0	1	[17]
<i>Bothrops erythromelas</i>	Reptilia	0	1	[17]
<i>Bothrops fonsecai</i>	Reptilia	0	1	[17]
<i>Bothrops insularis</i>	Reptilia	0	1	[17]
<i>Bothrops itapetiningae</i>	Reptilia	0	1	[17]
<i>Bothrops jararaca</i>	Reptilia	0	1	[17]
<i>Bothrops jararacussu</i>	Reptilia	0	1	[17]
<i>Bothrops lanceolatus</i>	Reptilia	0	1	[17]
<i>Bothrops leucurus</i>	Reptilia	0	1	[17]
<i>Bothrops marajoensis</i>	Reptilia	0	1	[17]
<i>Bothrops moojeni</i>	Reptilia	0	1	[17]
<i>Bothrops neuwiedi</i>	Reptilia	0	1	[17]
<i>Bothrops pictus</i>	Reptilia	0	1	[17]
<i>Bothrops punctata</i>	Reptilia	0	1	[17]
<i>Bungarus bungaroides</i>	Reptilia	0	1	[17]
<i>Bungarus caeruleus</i>	Reptilia	0	1	[17]
<i>Bungarus candidus</i>	Reptilia	0	1	[17]
<i>Bungarus ceylonicus</i>	Reptilia	0	1	[17]

<i>Bungarus fasciatus</i>	Reptilia	0	1	[17]
<i>Bungarus flaviceps</i>	Reptilia	0	1	[17]
<i>Bungarus multicinctus</i>	Reptilia	0	1	[17]
<i>Bungarus niger</i>	Reptilia	0	1	[17]
<i>Bungarus sindanus</i>	Reptilia	0	1	[17]
<i>Cacophis squamulosus</i>	Reptilia	0	1	[17]
<i>Calliophis bivirgata</i>	Reptilia	0	1	[17]
<i>Calliophis melanurus</i>	Reptilia	0	1	[17]
<i>Calloselasma rhodostoma</i>	Reptilia	0	1	[17]
<i>Cantoria violacea</i>	Reptilia	0	1	[17]
<i>Causus defilippii</i>	Reptilia	0	1	[17]
<i>Causus resimus</i>	Reptilia	0	1	[17]
<i>Causus rhombeatus</i>	Reptilia	0	1	[17]
<i>Cerastes cerastes</i>	Reptilia	0	1	[17]
<i>Cerastes gasperettii</i>	Reptilia	0	1	[17]
<i>Cerastes vipera</i>	Reptilia	0	1	[17]
<i>Cerberus australis</i>	Reptilia	0	1	[17]
<i>Cerberus microlepis</i>	Reptilia	0	1	[17]
<i>Cerberus rynchops</i>	Reptilia	0	1	[18]
<i>Cerrophidion barbouri</i>	Reptilia	0	1	[17]
<i>Cerrophidion godmani</i>	Reptilia	0	1	[17]
<i>Cerrophidion petlalcalensis</i>	Reptilia	0	1	[17]
<i>Cerrophidion tzotzilorum</i>	Reptilia	0	1	[17]
<i>Chironius bicarinatus</i>	Reptilia	0	1	[21]
<i>Chironius carinatus</i>	Reptilia	0	1	[21]
<i>Chironius exoletus</i>	Reptilia	0	1	[21]
<i>Chironius flavolineatus</i>	Reptilia	0	1	[21]
<i>Chironius fuscus</i>	Reptilia	0	1	[21]
<i>Chironius grandisquamis</i>	Reptilia	0	1	[21]
<i>Chironius laeviscollis</i>	Reptilia	0	1	[21]
<i>Chironius laurenti</i>	Reptilia	0	1	[21]
<i>Chironius monticola</i>	Reptilia	0	1	[21]
<i>Chironius multiventris</i>	Reptilia	0	1	[21]
<i>Chironius quadricarinatus</i>	Reptilia	0	1	[21]
<i>Chironius scurrulus</i>	Reptilia	0	1	[21]
<i>Chrysopelea ornata</i>	Reptilia	0	1	[17]
<i>Chrysopelea paradisi</i>	Reptilia	0	1	[17]
<i>Chrysopelea taprobanica</i>	Reptilia	0	1	[17]
<i>Clelia bicolor</i>	Reptilia	0	1	[17,18]
<i>Clelia clelia</i>	Reptilia	0	1	[17,18]
<i>Clelia rustica</i>	Reptilia	0	1	[17,18]
<i>Coelognathus erythrurus</i>	Reptilia	0	1	[22]
<i>Coelognathus flavolineatus</i>	Reptilia	0	1	[22]
<i>Coelognathus helena</i>	Reptilia	0	1	[22]
<i>Coelognathus radiata</i>	Reptilia	0	1	[22]
<i>Coelognathus subradiata</i>	Reptilia	0	1	[22]
<i>Coluber dorri</i>	Reptilia	0	1	[23]
<i>Coluber zebrinus</i>	Reptilia	0	1	[23]
<i>Coniophanes fissidens</i>	Reptilia	0	1	[18]
<i>Conophis lineatus</i>	Reptilia	0	1	[18]
<i>Crisantophis nevermanni</i>	Reptilia	0	1	[24]
<i>Crotalus adamanteus</i>	Reptilia	0	1	[17]

<i>Crotalus aquilus</i>	Reptilia	0	1	[17]
<i>Crotalus atrox</i>	Reptilia	0	1	[17]
<i>Crotalus basiliscus</i>	Reptilia	0	1	[17]
<i>Crotalus catalinensis</i>	Reptilia	0	1	[17]
<i>Crotalus cerastes</i>	Reptilia	0	1	[17]
<i>Crotalus durissus</i>	Reptilia	0	1	[17]
<i>Crotalus enyo</i>	Reptilia	0	1	[17]
<i>Crotalus horridus</i>	Reptilia	0	1	[17]
<i>Crotalus intermedius</i>	Reptilia	0	1	[17]
<i>Crotalus lepidus</i>	Reptilia	0	1	[17]
<i>Crotalus mitchellii</i>	Reptilia	0	1	[17]
<i>Crotalus molossus</i>	Reptilia	0	1	[17]
<i>Crotalus oreganus</i>	Reptilia	0	1	[17]
<i>Crotalus polystictus</i>	Reptilia	0	1	[17]
<i>Crotalus pricei</i>	Reptilia	0	1	[17]
<i>Crotalus pusillus</i>	Reptilia	0	1	[17]
<i>Crotalus ravus</i>	Reptilia	0	1	[17]
<i>Crotalus ruber</i>	Reptilia	0	1	[17]
<i>Crotalus scutulatus</i>	Reptilia	0	1	[17]
<i>Crotalus simus</i>	Reptilia	0	1	[17]
<i>Crotalus tancitarensis</i>	Reptilia	0	1	[17]
<i>Crotalus tigris</i>	Reptilia	0	1	[17]
<i>Crotalus tortugensis</i>	Reptilia	0	1	[17]
<i>Crotalus totonacus</i>	Reptilia	0	1	[17]
<i>Crotalus transversus</i>	Reptilia	0	1	[17]
<i>Crotalus triseriatus</i>	Reptilia	0	1	[17]
<i>Crotalus viridis</i>	Reptilia	0	1	[17]
<i>Crotalus willardi</i>	Reptilia	0	1	[17]
<i>Crotaphopeltis tornieri</i>	Reptilia	0	1	[17]
<i>Cryptelytrops albolabris</i>	Reptilia	0	1	[17]
<i>Cryptelytrops andersonii</i>	Reptilia	0	1	[17]
<i>Cryptelytrops cantori</i>	Reptilia	0	1	[17]
<i>Cryptelytrops erythrurus</i>	Reptilia	0	1	[17]
<i>Cryptelytrops fasciatus</i>	Reptilia	0	1	[17]
<i>Cryptelytrops insularis</i>	Reptilia	0	1	[17]
<i>Cryptelytrops kanburiensis</i>	Reptilia	0	1	[17]
<i>Cryptelytrops macrops</i>	Reptilia	0	1	[17]
<i>Cryptelytrops purpureomaculatus</i>	Reptilia	0	1	[17]
<i>Cryptelytrops septentrionalis</i>	Reptilia	0	1	[17]
<i>Cryptelytrops venustus</i>	Reptilia	0	1	[17]
<i>Daboia russelii</i>	Reptilia	0	1	[17]
<i>Deinagkistrodon acutus</i>	Reptilia	0	1	[17]
<i>Demansia papuensis</i>	Reptilia	0	1	[17]
<i>Demansia psammophis</i>	Reptilia	0	1	[17]
<i>Demansia vestigiata</i>	Reptilia	0	1	[17]
<i>Dendrelaphis bifrenalis</i>	Reptilia	0	1	[17]
<i>Dendrelaphis caudolineatus</i>	Reptilia	0	1	[17]
<i>Dendrelaphis caudolineolatus</i>	Reptilia	0	1	[17]
<i>Dendrelaphis schokari</i>	Reptilia	0	1	[17]
<i>Dendrelaphis tristis</i>	Reptilia	0	1	[17]
<i>Dendroaspis angusticeps</i>	Reptilia	0	1	[17]
<i>Dendroaspis polylepis</i>	Reptilia	0	1	[17]

<i>Denisonia devisi</i>	Reptilia	0	1	[17]
<i>Diadophis punctatus</i>	Reptilia	0	1	[19]
<i>Dipsadoboa unicolor</i>	Reptilia	0	1	[18]
<i>Dipsina multimaculata</i>	Reptilia	0	1	[17]
<i>Dispholidus typus</i>	Reptilia	0	1	[19]
<i>Disteira kingii</i>	Reptilia	0	1	[17]
<i>Disteira major</i>	Reptilia	0	1	[17]
<i>Dolichophis caspius</i>	Reptilia	0	1	[17]
<i>Dolichophis jugularis</i>	Reptilia	0	1	[17]
<i>Dolichophis schmidtii</i>	Reptilia	0	1	[17]
<i>Drysdalia coronoides</i>	Reptilia	0	1	[17]
<i>Drysdalia mastersii</i>	Reptilia	0	1	[17]
<i>Echiopsis atriceps</i>	Reptilia	0	1	[17]
<i>Echiopsis curta</i>	Reptilia	0	1	[17]
<i>Echis carinatus</i>	Reptilia	0	1	[17]
<i>Echis coloratus</i>	Reptilia	0	1	[17]
<i>Echis jogeri</i>	Reptilia	0	1	[17]
<i>Echis leucogaster</i>	Reptilia	0	1	[17]
<i>Echis ocellatus</i>	Reptilia	0	1	[17]
<i>Echis omanensis</i>	Reptilia	0	1	[17]
<i>Echis pyramidum</i>	Reptilia	0	1	[17]
<i>Elaphe bimaculata</i>	Reptilia	0	1	[17]
<i>Elaphe carinata</i>	Reptilia	0	1	[17]
<i>Elaphe climacophora</i>	Reptilia	0	1	[17]
<i>Elaphe davidi</i>	Reptilia	0	1	[17]
<i>Elaphe dione</i>	Reptilia	0	1	[17]
<i>Elaphe quadriovirgata</i>	Reptilia	0	1	[17]
<i>Elaphe quatuorlineata</i>	Reptilia	0	1	[17]
<i>Elaphe rufodorsata</i>	Reptilia	0	1	[17]
<i>Elaphe sauromates</i>	Reptilia	0	1	[17]
<i>Elaphe schrenckii</i>	Reptilia	0	1	[17]
<i>Elapognathus coronata</i>	Reptilia	0	1	[17]
<i>Elapomorphus quinquelineatus</i>	Reptilia	0	1	[18]
<i>Elapsoidea nigra</i>	Reptilia	0	1	[17]
<i>Elapsoidea semiannulata</i>	Reptilia	0	1	[17]
<i>Elapsoidea sundevallii</i>	Reptilia	0	1	[17]
<i>Enhydrina schistosa</i>	Reptilia	0	1	[17]
<i>Enhydris bocourti</i>	Reptilia	0	1	[19]
<i>Enhydris chinensis</i>	Reptilia	0	1	[19]
<i>Enhydris enhydris</i>	Reptilia	0	1	[18]
<i>Enhydris innominata</i>	Reptilia	0	1	[17]
<i>Enhydris jagorii</i>	Reptilia	0	1	[17]
<i>Enhydris longicauda</i>	Reptilia	0	1	[17]
<i>Enhydris matannensis</i>	Reptilia	0	1	[17]
<i>Enhydris plumbea</i>	Reptilia	0	1	[17]
<i>Enhydris polylepis</i>	Reptilia	0	1	[17]
<i>Enhydris punctata</i>	Reptilia	0	1	[17]
<i>Ephalophis greyae</i>	Reptilia	0	1	[17]
<i>Eristicophis macmahoni</i>	Reptilia	0	1	[17]
<i>Erpeton tentaculatum</i>	Reptilia	0	1	[17]
<i>Erythrolamprus aesculapii</i>	Reptilia	0	1	[18]
<i>Erythrolamprus mimus</i>	Reptilia	0	1	[17]

<i>Fordonia leucobalia</i>	Reptilia	0	1	[17]
<i>Furina diadema</i>	Reptilia	0	1	[17]
<i>Furina ornata</i>	Reptilia	0	1	[17]
<i>Garthius chaseni</i>	Reptilia	0	1	[17]
<i>Gerarda prevostiana</i>	Reptilia	0	1	[17]
<i>Gerrhonotus infernalis</i>	Reptilia	0	1	[25]
<i>Gloydus blomhoffii</i>	Reptilia	0	1	[17]
<i>Gloydus brevicaudus</i>	Reptilia	0	1	[17]
<i>Gloydus halys</i>	Reptilia	0	1	[17]
<i>Gloydus intermedius</i>	Reptilia	0	1	[17]
<i>Gloydus saxatilis</i>	Reptilia	0	1	[17]
<i>Gloydus shedaoensis</i>	Reptilia	0	1	[17]
<i>Gloydus strauchi</i>	Reptilia	0	1	[17]
<i>Gloydus tsushimaensis</i>	Reptilia	0	1	[17]
<i>Gloydus ussuriensis</i>	Reptilia	0	1	[17]
<i>Gonyosoma janssenii</i>	Reptilia	0	1	[22]
<i>Gonyosoma oxycephalum</i>	Reptilia	0	1	[22]
<i>Helicops angulatus</i>	Reptilia	0	1	[17]
<i>Helicops carinicaudus</i>	Reptilia	0	1	[17]
<i>Helicops gomesi</i>	Reptilia	0	1	[17]
<i>Helicops hagmanni</i>	Reptilia	0	1	[17]
<i>Helicops infrataeniatus</i>	Reptilia	0	1	[17]
<i>Heloderma horridum</i>	Reptilia	0	1	[26]
<i>Heloderma suspectum</i>	Reptilia	0	1	[26]
<i>Hemachatus haemachatus</i>	Reptilia	0	1	[17]
<i>Hemiaspis damelii</i>	Reptilia	0	1	[17]
<i>Hemiaspis signata</i>	Reptilia	0	1	[17]
<i>Hemibungarus calligaster</i>	Reptilia	0	1	[17]
<i>Hemirhagerrhis hildebrandtii</i>	Reptilia	0	1	[17]
<i>Hemirhagerrhis kelleri</i>	Reptilia	0	1	[17]
<i>Hemirhagerrhis viperina</i>	Reptilia	0	1	[17]
<i>Hemorrhois algirus</i>	Reptilia	0	1	[23]
<i>Hemorrhois hippocrepis</i>	Reptilia	0	1	[23]
<i>Hemorrhois nummifer</i>	Reptilia	0	1	[23]
<i>Hemorrhois ravergieri</i>	Reptilia	0	1	[19]
<i>Heterodon nasicus</i>	Reptilia	0	1	[19]
<i>Heterodon platirhinos</i>	Reptilia	0	1	[18]
<i>Heterodon simus</i>	Reptilia	0	1	[17]
<i>Hierophis viridiflavus</i>	Reptilia	0	1	[27]
<i>Himalayophis tibetanus</i>	Reptilia	0	1	[17]
<i>Homalopsis buccata</i>	Reptilia	0	1	[19]
<i>Homoroselaps lacteus</i>	Reptilia	0	1	[17]
<i>Hoplocephalus bitorquatus</i>	Reptilia	0	1	[17]
<i>Hydrelaps darwiniensis</i>	Reptilia	0	1	[17]
<i>Hydrodynastes bicinctus</i>	Reptilia	0	1	[17]
<i>Hydrodynastes gigas</i>	Reptilia	0	1	[19]
<i>Hydrophis atriceps</i>	Reptilia	0	1	[17]
<i>Hydrophis brooki</i>	Reptilia	0	1	[17]
<i>Hydrophis cyanocinctus</i>	Reptilia	0	1	[17]
<i>Hydrophis czeblukovi</i>	Reptilia	0	1	[17]
<i>Hydrophis elegans</i>	Reptilia	0	1	[17]
<i>Hydrophis lapemoides</i>	Reptilia	0	1	[17]

<i>Hydrophis macdowelli</i>	Reptilia	0	1	[17]
<i>Hydrophis melanocephalus</i>	Reptilia	0	1	[17]
<i>Hydrophis ornatus</i>	Reptilia	0	1	[17]
<i>Hydrophis pacificus</i>	Reptilia	0	1	[17]
<i>Hydrophis parviceps</i>	Reptilia	0	1	[17]
<i>Hydrophis semperi</i>	Reptilia	0	1	[17]
<i>Hydrophis spiralis</i>	Reptilia	0	1	[17]
<i>Hypnale hypnale</i>	Reptilia	0	1	[17]
<i>Hypnale nepa</i>	Reptilia	0	1	[17]
<i>Hypnale zara</i>	Reptilia	0	1	[17]
<i>Hypsiglena affinis</i>	Reptilia	0	1	[17]
<i>Hypsiglena chlorophaea</i>	Reptilia	0	1	[17]
<i>Hypsiglena jani</i>	Reptilia	0	1	[17]
<i>Hypsiglena ochrorhyncha</i>	Reptilia	0	1	[17]
<i>Hypsiglena slevini</i>	Reptilia	0	1	[17]
<i>Hypsiglena torquata</i>	Reptilia	0	1	[19]
<i>Imantodes cenchoa</i>	Reptilia	0	1	[28]
<i>Imantodes gemmistratus</i>	Reptilia	0	1	[28]
<i>Imantodes inornatus</i>	Reptilia	0	1	[28]
<i>Imantodes lentiferus</i>	Reptilia	0	1	[28]
<i>Ithycyphus miniatus</i>	Reptilia	0	1	[17]
<i>Ithycyphus oursi</i>	Reptilia	0	1	[17]
<i>Lachesis muta</i>	Reptilia	0	1	[17]
<i>Lachesis stenophrys</i>	Reptilia	0	1	[17]
<i>Langaha madagascariensis</i>	Reptilia	0	1	[29]
<i>Lapemis curtus</i>	Reptilia	0	1	[17]
<i>Laticauda colubrina</i>	Reptilia	0	1	[17]
<i>Laticauda guineai</i>	Reptilia	0	1	[17]
<i>Laticauda laticaudata</i>	Reptilia	0	1	[17]
<i>Laticauda saintgironsi</i>	Reptilia	0	1	[17]
<i>Leioheterodon geayi</i>	Reptilia	0	1	[17]
<i>Leioheterodon madagascariensis</i>	Reptilia	0	1	[17]
<i>Leioheterodon modestus</i>	Reptilia	0	1	[17]
<i>Leptodeira annulata</i>	Reptilia	0	1	[19]
<i>Leptodeira bakeri</i>	Reptilia	0	1	[30]
<i>Leptodeira frenata</i>	Reptilia	0	1	[31]
<i>Leptodeira maculata</i>	Reptilia	0	1	[31]
<i>Leptodeira nigrofasciata</i>	Reptilia	0	1	[31]
<i>Leptodeira punctata</i>	Reptilia	0	1	[31]
<i>Leptodeira rubricata</i>	Reptilia	0	1	[31]
<i>Leptodeira septentrionalis</i>	Reptilia	0	1	[32]
<i>Leptodeira splendida</i>	Reptilia	0	1	[31]
<i>Leptophis ahaetulla</i>	Reptilia	0	1	[18]
<i>Liophis almadensis</i>	Reptilia	0	1	[33]
<i>Liophis amarali</i>	Reptilia	0	1	[33]
<i>Liophis anomalus</i>	Reptilia	0	1	[33]
<i>Liophis atraventer</i>	Reptilia	0	1	[33]
<i>Liophis breviceps</i>	Reptilia	0	1	[33]
<i>Liophis ceii</i>	Reptilia	0	1	[33]
<i>Liophis elegantissimus</i>	Reptilia	0	1	[33]
<i>Liophis epinephelus</i>	Reptilia	0	1	[33]
<i>Liophis flavifrenatus</i>	Reptilia	0	1	[33]

<i>Liophis jaegeri</i>	Reptilia	0	1	[33]
<i>Liophis juliae</i>	Reptilia	0	1	[33]
<i>Liophis lineatus</i>	Reptilia	0	1	[33]
<i>Liophis meridionalis</i>	Reptilia	0	1	[33]
<i>Liophis miliaris</i>	Reptilia	0	1	[18]
<i>Liophis paucidens</i>	Reptilia	0	1	[33]
<i>Liophis poecilogyrus</i>	Reptilia	0	1	[33]
<i>Liophis reginae</i>	Reptilia	0	1	[33]
<i>Liophis typhlus</i>	Reptilia	0	1	[33]
<i>Lystrophis dorbignyi</i>	Reptilia	0	1	[34]
<i>Lystrophis histricus</i>	Reptilia	0	1	[34]
<i>Lystrophis nattereri</i>	Reptilia	0	1	[34]
<i>Lystrophis pulcher</i>	Reptilia	0	1	[34]
<i>Lystrophis semicinctus</i>	Reptilia	0	1	[34]
<i>Macrelaps microlepidotus</i>	Reptilia	0	1	[18]
<i>Macropisthodon rudis</i>	Reptilia	0	1	[17]
<i>Macrovipera deserti</i>	Reptilia	0	1	[17]
<i>Macrovipera lebetina</i>	Reptilia	0	1	[17]
<i>Macrovipera mauritanica</i>	Reptilia	0	1	[17]
<i>Macrovipera schweizeri</i>	Reptilia	0	1	[17]
<i>Madagascarophis colubrinus</i>	Reptilia	0	1	[18]
<i>Madagascarophis meridionalis</i>	Reptilia	0	1	[18]
<i>Malpolon moilensis</i>	Reptilia	0	1	[19]
<i>Malpolon monspessulanus</i>	Reptilia	0	1	[19]
<i>Mastigodryas bifossatus</i>	Reptilia	0	1	[19]
<i>Micrelaps bicoloratus</i>	Reptilia	0	1	[17]
<i>Micropechis ikaheka</i>	Reptilia	0	1	[17]
<i>Micruroides euryxanthus</i>	Reptilia	0	1	[17]
<i>Micrurus albicinctus</i>	Reptilia	0	1	[17]
<i>Micrurus altirostris</i>	Reptilia	0	1	[17]
<i>Micrurus baliocoryphus</i>	Reptilia	0	1	[17]
<i>Micrurus brasiliensis</i>	Reptilia	0	1	[17]
<i>Micrurus corallinus</i>	Reptilia	0	1	[17]
<i>Micrurus decoratus</i>	Reptilia	0	1	[17]
<i>Micrurus diastema</i>	Reptilia	0	1	[17]
<i>Micrurus dissoleucus</i>	Reptilia	0	1	[17]
<i>Micrurus frontalis</i>	Reptilia	0	1	[17]
<i>Micrurus fulvius</i>	Reptilia	0	1	[17]
<i>Micrurus hemprichii</i>	Reptilia	0	1	[17]
<i>Micrurus ibiboboca</i>	Reptilia	0	1	[17]
<i>Micrurus lemniscatus</i>	Reptilia	0	1	[17]
<i>Micrurus mipartitus</i>	Reptilia	0	1	[17]
<i>Micrurus narduccii</i>	Reptilia	0	1	[17]
<i>Micrurus psyches</i>	Reptilia	0	1	[17]
<i>Micrurus pyrrhocryptus</i>	Reptilia	0	1	[17]
<i>Micrurus spixii</i>	Reptilia	0	1	[17]
<i>Micrurus surinamensis</i>	Reptilia	0	1	[17]
<i>Mimophis mahfalensis</i>	Reptilia	0	1	[17]
<i>Myron richardsonii</i>	Reptilia	0	1	[17]
<i>Naja annulata</i>	Reptilia	0	1	[17]
<i>Naja annulifera</i>	Reptilia	0	1	[17]
<i>Naja ashei</i>	Reptilia	0	1	[17]

<i>Naja atra</i>	Reptilia	0	1	[17]
<i>Naja haje</i>	Reptilia	0	1	[17]
<i>Naja kaouthia</i>	Reptilia	0	1	[17]
<i>Naja katiensis</i>	Reptilia	0	1	[17]
<i>Naja mandalayensis</i>	Reptilia	0	1	[17]
<i>Naja melanoleuca</i>	Reptilia	0	1	[17]
<i>Naja mossambica</i>	Reptilia	0	1	[17]
<i>Naja multifasciata</i>	Reptilia	0	1	[17]
<i>Naja naja</i>	Reptilia	0	1	[17]
<i>Naja nigricollis</i>	Reptilia	0	1	[17]
<i>Naja nivea</i>	Reptilia	0	1	[17]
<i>Naja nubiae</i>	Reptilia	0	1	[17]
<i>Naja pallida</i>	Reptilia	0	1	[17]
<i>Naja siamensis</i>	Reptilia	0	1	[17]
<i>Naja sumatrana</i>	Reptilia	0	1	[17]
<i>Natrix maura</i>	Reptilia	0	1	[17]
<i>Natrix natrix</i>	Reptilia	0	1	[17]
<i>Natrix tessellata</i>	Reptilia	0	1	[19]
<i>Nerodia sipedon</i>	Reptilia	0	1	[19]
<i>Notechis scutatus</i>	Reptilia	0	1	[17]
<i>Oligodon arnensis</i>	Reptilia	0	1	[17]
<i>Oligodon barroni</i>	Reptilia	0	1	[17]
<i>Oligodon chinensis</i>	Reptilia	0	1	[17]
<i>Oligodon cinereus</i>	Reptilia	0	1	[17]
<i>Oligodon cruentatus</i>	Reptilia	0	1	[17]
<i>Oligodon cyclurus</i>	Reptilia	0	1	[17]
<i>Oligodon formosanus</i>	Reptilia	0	1	[17]
<i>Oligodon maculatus</i>	Reptilia	0	1	[17]
<i>Oligodon ocellatus</i>	Reptilia	0	1	[17]
<i>Oligodon octolineatus</i>	Reptilia	0	1	[17]
<i>Oligodon planiceps</i>	Reptilia	0	1	[17]
<i>Oligodon splendidus</i>	Reptilia	0	1	[17]
<i>Oligodon sublineatus</i>	Reptilia	0	1	[17]
<i>Oligodon taeniatus</i>	Reptilia	0	1	[17]
<i>Oligodon taeniolatus</i>	Reptilia	0	1	[17]
<i>Oligodon theobaldi</i>	Reptilia	0	1	[17]
<i>Oligodon torquatus</i>	Reptilia	0	1	[17]
<i>Ophiophagus hannah</i>	Reptilia	0	1	[17]
<i>Ophryacus melanurus</i>	Reptilia	0	1	[17]
<i>Ophryacus undulatus</i>	Reptilia	0	1	[17]
<i>Ovophis monticola</i>	Reptilia	0	1	[17]
<i>Ovophis okinavensis</i>	Reptilia	0	1	[17]
<i>Ovophis tonkinensis</i>	Reptilia	0	1	[17]
<i>Ovophis zayuensis</i>	Reptilia	0	1	[17]
<i>Oxybelis aeneus</i>	Reptilia	0	1	[18]
<i>Oxybelis fulgidus</i>	Reptilia	0	1	[18]
<i>Oxyrhopus rhombifer</i>	Reptilia	0	1	[25]
<i>Oxyrhopus trigeminus</i>	Reptilia	0	1	[19]
<i>Oxyuranus microlepidotus</i>	Reptilia	0	1	[17]
<i>Oxyuranus scutellatus</i>	Reptilia	0	1	[17]
<i>Parahydrophis mertoni</i>	Reptilia	0	1	[17]
<i>Parias flavomaculatus</i>	Reptilia	0	1	[17]

<i>Parias hageni</i>	Reptilia	0	1	[17]
<i>Parias malcolmi</i>	Reptilia	0	1	[17]
<i>Parias schultzei</i>	Reptilia	0	1	[17]
<i>Parias sumatranus</i>	Reptilia	0	1	[17]
<i>Pelamis platura</i>	Reptilia	0	1	[35]
<i>Phalotris lativittatus</i>	Reptilia	0	1	[17]
<i>Phalotris lemniscatus</i>	Reptilia	0	1	[18]
<i>Phalotris mertensi</i>	Reptilia	0	1	[17]
<i>Phalotris nasutus</i>	Reptilia	0	1	[17]
<i>Philodryas aestivus</i>	Reptilia	0	1	[17]
<i>Philodryas baroni</i>	Reptilia	0	1	[18]
<i>Philodryas mattogrossensis</i>	Reptilia	0	1	[17]
<i>Philodryas nattereri</i>	Reptilia	0	1	[17]
<i>Philodryas olfersii</i>	Reptilia	0	1	[19]
<i>Philodryas patagoniensis</i>	Reptilia	0	1	[18]
<i>Philodryas psammophidea</i>	Reptilia	0	1	[17]
<i>Philodryas viridissima</i>	Reptilia	0	1	[18]
<i>Philothamnus angolensis</i>	Reptilia	0	1	[17]
<i>Philothamnus carinatus</i>	Reptilia	0	1	[17]
<i>Philothamnus girardi</i>	Reptilia	0	1	[17]
<i>Philothamnus heterodermus</i>	Reptilia	0	1	[17]
<i>Philothamnus hoplogaster</i>	Reptilia	0	1	[17]
<i>Philothamnus natalensis</i>	Reptilia	0	1	[17]
<i>Philothamnus nitidus</i>	Reptilia	0	1	[17]
<i>Philothamnus semivariatus</i>	Reptilia	0	1	[17]
<i>Philothamnus thomensis</i>	Reptilia	0	1	[17]
<i>Platycephalus rhodochis</i>	Reptilia	0	1	[36]
<i>Polemon acanthias</i>	Reptilia	0	1	[17]
<i>Polemon collaris</i>	Reptilia	0	1	[17]
<i>Polemon notatus</i>	Reptilia	0	1	[17]
<i>Polyodontognathus caeruleus</i>	Reptilia	0	1	[17]
<i>Popeia popeiorum</i>	Reptilia	0	1	[17]
<i>Porthidium dunni</i>	Reptilia	0	1	[17]
<i>Porthidium lansbergii</i>	Reptilia	0	1	[17]
<i>Porthidium nasutum</i>	Reptilia	0	1	[17]
<i>Porthidium ophryomegas</i>	Reptilia	0	1	[17]
<i>Porthidium porrasi</i>	Reptilia	0	1	[17]
<i>Porthidium yucatanicum</i>	Reptilia	0	1	[17]
<i>Proatheris superciliaris</i>	Reptilia	0	1	[17]
<i>Protobothrops cornutus</i>	Reptilia	0	1	[17]
<i>Protobothrops elegans</i>	Reptilia	0	1	[17]
<i>Protobothrops flavoviridis</i>	Reptilia	0	1	[17]
<i>Protobothrops jerdonii</i>	Reptilia	0	1	[17]
<i>Protobothrops kaulbacki</i>	Reptilia	0	1	[17]
<i>Protobothrops mucrosquamatus</i>	Reptilia	0	1	[17]
<i>Protobothrops tokarensis</i>	Reptilia	0	1	[17]
<i>Protobothrops xiangchengensis</i>	Reptilia	0	1	[17]
<i>Psammodynastes pictus</i>	Reptilia	0	1	[37]
<i>Psammodynastes pulverulentus</i>	Reptilia	0	1	[37]
<i>Psammophis angolensis</i>	Reptilia	0	1	[17]
<i>Psammophis biserialis</i>	Reptilia	0	1	[18]
<i>Psammophis condanarus</i>	Reptilia	0	1	[17]

<i>Psammophis crucifer</i>	Reptilia	0	1	[17]
<i>Psammophis jallae</i>	Reptilia	0	1	[17]
<i>Psammophis leightoni</i>	Reptilia	0	1	[17]
<i>Psammophis leopardinus</i>	Reptilia	0	1	[17]
<i>Psammophis lineatus</i>	Reptilia	0	1	[17]
<i>Psammophis lineolatus</i>	Reptilia	0	1	[17]
<i>Psammophis mossambicus</i>	Reptilia	0	1	[17]
<i>Psammophis notostictus</i>	Reptilia	0	1	[17]
<i>Psammophis orientalis</i>	Reptilia	0	1	[18]
<i>Psammophis phillipsi</i>	Reptilia	0	1	[17]
<i>Psammophis praeornatus</i>	Reptilia	0	1	[17]
<i>Psammophis punctulatus</i>	Reptilia	0	1	[18]
<i>Psammophis rukwae</i>	Reptilia	0	1	[17]
<i>Psammophis schokari</i>	Reptilia	0	1	[17]
<i>Psammophis sibilans</i>	Reptilia	0	1	[18]
<i>Psammophis subtaeniatus</i>	Reptilia	0	1	[17]
<i>Psammophis sudanensis</i>	Reptilia	0	1	[17]
<i>Psammophis tanganicus</i>	Reptilia	0	1	[17]
<i>Psammophis trigrammus</i>	Reptilia	0	1	[17]
<i>Psammophylax acutus</i>	Reptilia	0	1	[17]
<i>Psammophylax rhombeatus</i>	Reptilia	0	1	[18]
<i>Psammophylax tritaeniatus</i>	Reptilia	0	1	[18]
<i>Psammophylax variabilis</i>	Reptilia	0	1	[17]
<i>Pseudechis australis</i>	Reptilia	0	1	[17]
<i>Pseudechis butleri</i>	Reptilia	0	1	[17]
<i>Pseudechis colletti</i>	Reptilia	0	1	[17]
<i>Pseudechis guttatus</i>	Reptilia	0	1	[17]
<i>Pseudechis papuanus</i>	Reptilia	0	1	[17]
<i>Pseudechis porphyriacus</i>	Reptilia	0	1	[17]
<i>Pseudocerastes fieldi</i>	Reptilia	0	1	[17]
<i>Pseudocerastes persicus</i>	Reptilia	0	1	[17]
<i>Pseudonaja modesta</i>	Reptilia	0	1	[17]
<i>Pseudonaja textilis</i>	Reptilia	0	1	[17]
<i>Pseudopus apodus</i>	Reptilia	0	1	[32]
<i>Ptyas mucosa</i>	Reptilia	0	1	[21]
<i>Ptychophis flavovirgatus</i>	Reptilia	0	1	[21]
<i>Pythonodipsas carinata</i>	Reptilia	0	1	[17]
<i>Rhabdophis nuchalis</i>	Reptilia	1	1	[19,38]
<i>Rhabdophis subminiatus</i>	Reptilia	1	1	[19,38]
<i>Rhabdophis tigrinus</i>	Reptilia	1	1	[19,38]
<i>Rhamphiophis oxyrhynchus</i>	Reptilia	0	1	[17]
<i>Rhamphiophis rubropunctatus</i>	Reptilia	0	1	[17]
<i>Rhinoplocephalus bicolor</i>	Reptilia	0	1	[17]
<i>Rhinoplocephalus nigrescens</i>	Reptilia	0	1	[17]
<i>Sibynomorphus mikanii</i>	Reptilia	0	1	[33]
<i>Sibynomorphus turgidus</i>	Reptilia	0	1	[33]
<i>Simoselaps anomalus</i>	Reptilia	0	1	[17]
<i>Simoselaps bertholdi</i>	Reptilia	0	1	[17]
<i>Simoselaps calonotus</i>	Reptilia	0	1	[17]
<i>Simoselaps semifasciatus</i>	Reptilia	0	1	[17]
<i>Sinomicrurus japonicus</i>	Reptilia	0	1	[17]
<i>Sinomicrurus kelloggi</i>	Reptilia	0	1	[17]

<i>Sinomicrurus macclellandi</i>	Reptilia	0	1	[17]
<i>Sistrurus catenatus</i>	Reptilia	0	1	[17]
<i>Sistrurus miliarius</i>	Reptilia	0	1	[17]
<i>Spalerosophis diadema</i>	Reptilia	0	1	[19]
<i>Spalerosophis microlepis</i>	Reptilia	0	1	[21]
<i>Stenorrhina freminvillei</i>	Reptilia	0	1	[18]
<i>Suta fasciata</i>	Reptilia	0	1	[17]
<i>Suta monachus</i>	Reptilia	0	1	[17]
<i>Suta spectabilis</i>	Reptilia	0	1	[17]
<i>Suta suta</i>	Reptilia	0	1	[17]
<i>Tachymenis peruviana</i>	Reptilia	0	1	[18]
<i>Tantilla melanocephala</i>	Reptilia	0	1	[19]
<i>Telescopus fallax</i>	Reptilia	0	1	[17]
<i>Thamnodynastes hypoconia</i>	Reptilia	0	1	[33]
<i>Thamnodynastes lanei</i>	Reptilia	0	1	[33]
<i>Thamnodynastes pallidus</i>	Reptilia	0	1	[33]
<i>Thamnodynastes rutilus</i>	Reptilia	0	1	[33]
<i>Thamnodynastes strigatus</i>	Reptilia	0	1	[18]
<i>Thamnophis atratus</i>	Reptilia	1	1	[19,39]
<i>Thamnophis brachystoma</i>	Reptilia	0	1	[17]
<i>Thamnophis butleri</i>	Reptilia	0	1	[17]
<i>Thamnophis chrysocephalus</i>	Reptilia	0	1	[17]
<i>Thamnophis couchii</i>	Reptilia	1	1	[19,39]
<i>Thamnophis cyrtopsis</i>	Reptilia	0	1	[17]
<i>Thamnophis elegans</i>	Reptilia	0	1	[19]
<i>Thamnophis eques</i>	Reptilia	0	1	[17]
<i>Thamnophis exsul</i>	Reptilia	0	1	[17]
<i>Thamnophis fulvus</i>	Reptilia	0	1	[17]
<i>Thamnophis gigas</i>	Reptilia	0	1	[17]
<i>Thamnophis godmani</i>	Reptilia	0	1	[17]
<i>Thamnophis hammondi</i>	Reptilia	0	1	[17]
<i>Thamnophis marcianus</i>	Reptilia	0	1	[17]
<i>Thamnophis melanogaster</i>	Reptilia	0	1	[17]
<i>Thamnophis mendax</i>	Reptilia	0	1	[17]
<i>Thamnophis ordinoides</i>	Reptilia	0	1	[17]
<i>Thamnophis proximus</i>	Reptilia	0	1	[17]
<i>Thamnophis radix</i>	Reptilia	0	1	[17]
<i>Thamnophis rufipunctatus</i>	Reptilia	0	1	[17]
<i>Thamnophis sauritus</i>	Reptilia	0	1	[17]
<i>Thamnophis scaliger</i>	Reptilia	0	1	[17]
<i>Thamnophis sirtalis</i>	Reptilia	1	1	[18,39]
<i>Thamnophis sumichrasti</i>	Reptilia	0	1	[17]
<i>Thamnophis valida</i>	Reptilia	0	1	[17]
<i>Thelotornis capensis</i>	Reptilia	0	1	[19]
<i>Thrasops jacksonii</i>	Reptilia	0	1	[17]
<i>Tomodon dorsatus</i>	Reptilia	0	1	[40]
<i>Toxicocalamus loriae</i>	Reptilia	0	1	[17]
<i>Toxicocalamus preussi</i>	Reptilia	0	1	[17]
<i>Triceratolepidophis sieversorum</i>	Reptilia	0	1	[17]
<i>Trimeresurus borneensis</i>	Reptilia	0	1	[17]
<i>Trimeresurus gracilis</i>	Reptilia	0	1	[17]
<i>Trimeresurus gramineus</i>	Reptilia	0	1	[17]

<i>Trimeresurus malabaricus</i>	Reptilia	0	1	[17]
<i>Trimeresurus puniceus</i>	Reptilia	0	1	[17]
<i>Trimeresurus trigonocephalus</i>	Reptilia	0	1	[17]
<i>Trimorphodon biscutatus</i>	Reptilia	0	1	[19]
<i>Tropidechis carinatus</i>	Reptilia	0	1	[17]
<i>Tropidodryas serra</i>	Reptilia	0	1	[17]
<i>Tropidodryas striaticeps</i>	Reptilia	0	1	[17]
<i>Tropidolaemus wagleri</i>	Reptilia	0	1	[17]
<i>Varanus acanthurus</i>	Reptilia	0	1	[39]
<i>Varanus eremius</i>	Reptilia	0	1	[33]
<i>Varanus giganteus</i>	Reptilia	0	1	[33]
<i>Varanus griseus</i>	Reptilia	0	1	[41]
<i>Varanus indicus</i>	Reptilia	0	1	[33]
<i>Varanus komodoensis</i>	Reptilia	0	1	[33]
<i>Varanus mitchelli</i>	Reptilia	0	1	[41]
<i>Varanus panoptes</i>	Reptilia	0	1	[41]
<i>Varanus scalaris</i>	Reptilia	0	1	[41]
<i>Varanus varius</i>	Reptilia	0	1	[41]
<i>Vermicella intermedia</i>	Reptilia	0	1	[33]
<i>Vipera albizona</i>	Reptilia	0	1	[17]
<i>Vipera ammodytes</i>	Reptilia	0	1	[17]
<i>Vipera aspis</i>	Reptilia	0	1	[17]
<i>Vipera barani</i>	Reptilia	0	1	[17]
<i>Vipera berus</i>	Reptilia	0	1	[17]
<i>Vipera bornmuelleri</i>	Reptilia	0	1	[17]
<i>Vipera dinniki</i>	Reptilia	0	1	[17]
<i>Vipera eriwanensis</i>	Reptilia	0	1	[17]
<i>Vipera kaznakovi</i>	Reptilia	0	1	[17]
<i>Vipera latastei</i>	Reptilia	0	1	[17]
<i>Vipera lotievi</i>	Reptilia	0	1	[17]
<i>Vipera nikolskii</i>	Reptilia	0	1	[17]
<i>Vipera palaestinae</i>	Reptilia	0	1	[17]
<i>Vipera raddei</i>	Reptilia	0	1	[17]
<i>Vipera renardi</i>	Reptilia	0	1	[17]
<i>Vipera seoanei</i>	Reptilia	0	1	[17]
<i>Vipera ursinii</i>	Reptilia	0	1	[17]
<i>Vipera wagneri</i>	Reptilia	0	1	[17]
<i>Vipera xanthina</i>	Reptilia	0	1	[17]
<i>Viridovipera gumprechtii</i>	Reptilia	0	1	[17]
<i>Viridovipera medoensis</i>	Reptilia	0	1	[17]
<i>Viridovipera stejnegeri</i>	Reptilia	0	1	[17]
<i>Viridovipera vogeli</i>	Reptilia	0	1	[17]
<i>Viridovipera yunnanensis</i>	Reptilia	0	1	[17]
<i>Waglerophis merremi</i>	Reptilia	0	1	[18]
<i>Walterinnesia aegyptia</i>	Reptilia	0	1	[17]
<i>Xenocalamus transvaalensis</i>	Reptilia	0	1	[17]
<i>Xenochrophis piscator</i>	Reptilia	0	1	[21]
<i>Xenodon guentheri</i>	Reptilia	0	1	[17]
<i>Xenodon neuwiedii</i>	Reptilia	0	1	[17]
<i>Xenodon severus</i>	Reptilia	0	1	[18]
<i>Xenodon werneri</i>	Reptilia	0	1	[17]
<i>Zamenis hohenackeri</i>	Reptilia	0	1	[17]

<i>Zamenis lineata</i>	Reptilia	0	1	[17]
<i>Zamenis longissimus</i>	Reptilia	0	1	[17]
<i>Zamenis persica</i>	Reptilia	0	1	[17]
<i>Zamenis situla</i>	Reptilia	0	1	[17]
<i>Zhaoermia mangshanensis</i>	Reptilia	0	1	[17]

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