Supplementary Material

**Supplementary Table 1.** List of publications used in constructing the synthetic supermatrix. Focal group, number of taxa, and number of fin, limb, and girdle characters, states and phenotype annotations. Studies focused explicitly on the fin to limb transition are denoted by an asterisk.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Publication** | **Focal group** | **Taxa** | **Characters** | **States** | **Phenotypes** | **File name** |
| Anderson 2001 | Early amphibians | 43 | 22 | 51 | 58 | Anderson\_2001.xml |
| Anderson 2007 | Early amphibians | 53 | 23 | 53 | 60 | Anderson\_2007.xml |
| Anderson et al. 2008 | Early amphibians | 53 | 27 | 59 | 71 | Anderson\_etal\_ 2008.xml |
| Baez and Basso 1996 | Frogs | 11 | 11 | 24 | 27 | Baez\_Basso\_1996.xml |
| Baez and Harrison 2005 | Frogs | 19 | 8 | 17 | 17 | Baez\_Harrison\_2005.xml |
| Baez et al. 2009 | Frogs | 42 | 15 | 34 | 41 | Baez\_Moura\_Gomez\_2009.xml |
| Benson 2012 | Basal synapids | 43 | 32 | 65 | 84 | Benson\_2012.xml |
| Brazeau 2009 | Basal gnathostomes | 3 | 11 | 11 | 11 | Brazeau\_2009.xml |
| Cannatella 1985 | Frogs | 41 | 23 | 51 | 67 | Cannatella\_1985.xml |
| Carroll 2007\* | Early amphibians | 20 | 47 | 142 | 260 | Carroll\_2007.xml |
| Chang 2004\* | Lungfish | 12 | 16 | 30 | 36 | Chang\_2004.xml |
| Clack et al. 2012\* | Basal tetrapods | 18 | 17 | 36 | 53 | Clack\_etal\_2012.xml |
| Cloutier and Arratia 2004 | Sarcopterygians | 3 | 11 | 12 | 12 | Cloutier\_Arratia\_2004.xml |
| Daeschler et al. 2006\* | Basal tetrapods | 8 | 28 | 58 | 67 | Daeschler\_etal\_2006.xml |
| Davis et al. 2012 | Basal gnathostomes | 6 | 11 | 13 | 15 | Davis\_et\_al\_2012.xml |
| Drewes 1984 | Frogs | 54 | 4 | 13 | 24 | Drewes\_1984.xml |
| Evans et al. 2008 | Frogs | 62 | 15 | 38 | 62 | Evans\_et\_al\_2008.xml |
| Fabrezi 2006 | Frogs | 62 | 12 | 29 | 44 | Fabrezi\_2006.xml |
| Ford 1990 | Frogs | 41 | 26 | 63 | 96 | Ford\_1990.xml |
| Gao and Wang 2001 | Frogs | 23 | 13 | 29 | 32 | Gao\_Wang\_2001.xml |
| Gao and Chen 2004 | Frogs | 24 | 12 | 28 | 34 | Gao\_and\_Chen\_2004.xml |
| Gauthier et al. 1988 | Amniotes | 28 | 38 | 79 | 103 | Gauthier\_etal\_1988.xml |
| Heimberg et al. 2010 | Basal gnathostomes | 3 | 3 | 3 | 3 | Heimberg\_etal\_2010.xml |
| Henrici 1998 | Frogs | 13 | 5 | 10 | 15 | Henrici\_1998.xml |
| Henrici 2009 | Frogs | 16 | 5 | 10 | 11 | Henrici\_2009.xml |
| Henrici and Haynes 2006 | Frogs | 14 | 7 | 17 | 19 | Henrici\_Haynes\_2006.xml |
| Heyer 1998 | Frogs | 14 | 4 | 12 | 15 | Heyer\_1998.xml |
| Holland 2013 | Sarcopterygians | 19 | 10 | 21 | 25 | Holland\_2013.xml |
| Johanson 2004 | Sarcopterygians | 10 | 12 | 24 | 27 | Johanson\_2004.xml |
| Larson 1993 | Salamanders | 22 | 2 | 4 | 4 | Larson\_1993.xml |
| Lathrop 1997 | Frogs | 17 | 5 | 11 | 13 | Lathrop\_1997.xml |
| Laurin 1998 \* | Basal tetrapods | 43 | 29 | 63 | 69 | Laurin\_1998.xml |
| Laurin et al. 1997\* | Basal tetrapods | 37 | 24 | 56 | 67 | Laurin\_Reisz\_and\_Sumida 1997.xml |
| Maisey 1981 | Chordates | 13 | 24 | 24 | 27 | Maisey\_1981.xml |
| Martinez et al. 2011 | Dinosaurs | 20 | 25 | 50 | 62 | Martinez\_2011.xml |
| Nesbitt et al. 2011 | Archosaurs | 75 | 88 | 174 | 193 | Nesbitt\_2011.xml |
| Nuin et al. 2005 | Frogs | 24 | 6 | 13 | 16 | Nuin\_P\_2005\_1.xml |
| O’Connor et al. 2013 | Early avians | 58 | 72 | 145 | 174 | OConnor\_etal.xml |
| O’Leary et al. 2013 | Mammals | 83 | 58 | 122 | 126 | OLeary\_et\_al\_2013.xml |
| Pramuk 2006 | Frogs | 62 | 9 | 21 | 26 | Pramuk\_2006.xml |
| Ruta et al. 2003\* | Basal tetrapods | 81 | 43 | 90 | 95 | Ruta\_2003.xml |
| Ruta 2011\* | Basal tetrapods | 43 | 101 | 267 | 347 | Ruta\_2011.xml |
| Ruta and Bolt 2006\* | Early amphibians | 42 | 29 | 63 | 64 | Ruta\_and\_Bolt\_2006.xml |
| Ruta and Coates 2007\* | Early amphibians | 91 | 46 | 97 | 111 | Ruta\_and\_Coates\_2007.xml |
| Scott 2005 | Frogs | 74 | 22 | 67 | 127 | Scott\_2005.xml |
| Sereno et al. 2009 | Dinosaurs | 23 | 15 | 30 | 37 | Sereno\_2009.xml |
| Swartz 2012\* | Sarcopterygians | 43 | 34 | 71 | 89 | Swartz\_2012.xml |
| Trueb and Baez 2006 | Frogs | 21 | 8 | 16 | 19 | Trueb\_Baez\_2006.xml |
| Trueb et al. 2005 | Frogs | 18 | 7 | 14 | 14 | Trueb\_Ross\_Smith\_2005.xml |
| Vallin and Laurin 2004\* | Early amphibians | 48 | 30 | 67 | 72 | Vallin\_Laurin\_2004.xml |
| Wang and Evans 2006 | Salamanders | 18 | 7 | 10 | 10 | Wang\_Evans\_2006.xml |
| Yates and Warren 2000 | Early amphibians | 32 | 8 | 15 | 23 | Yates\_Warren\_2000.xml |
| Zhang et al. 2009 | Salamanders | 19 | 8 | 12 | 12 | Zhang\_et\_al\_2009.xml |
| Zhu et al. 1999 | Osteichthyes | 27 | 16 | 33 | 36 | Zhu\_etal\_1999(CloutierAhlberg).xml |
| Zhu et al. 2009 | Osteichthyes | 7 | 11 | 21 | 26 | Zhu\_etal\_2009.xml |

**Supplementary Table 2.** List of Taxa, totaling 136 OTUs, present in the variable-only synthetic supermatrix based on inferred data alone.

Acanthixalus spinosus, Afrixalus dorsalis, Afrixalus nigeriensis, Afrixalus osorioi, Afrixalus quadrivittatus, Afrixalus septentrionalis, Almasaurus habbazi, Archegosaurus decheni, Aztecia, Batrachosuchus, Baurubatrachus pricei, Benthosuchus, Buettneria maleriensis, Callixalus pictus, Casea rutena, Caudipteryx zoui, Chrysobatrachus cupreonitens, Chunerpeton tianyiensis, Citipati osmolskae, Compsognathus longipes, Confuciusornis dui, Cratia, Crossodactylus caramaschii, Crossodactylus dantei, Crossodactylus schmidti, Cryptothylax greshoffii, Czatkobatrachus polonicus, Densignathus, Didolodus multicuspis, Dissorophus multicinctus, Dvinosaurus, Elkobatrachus brocki, Eopelobates, Eotyrannus lengi, Heleioporus, Heterixalus madagascariensis, Heterixalus rutenbergi, Huaxiagnathus orientalis, Hyla, Hylodes asper, Hylodes dactylocinus, Hylodes lateristrigatus, Hylodes meridionalis, Hylodes ornatus, Hylodes perplicatus, Hylodes phyllodes, Hylodes sazimai, Hyperolius argus, Hyperolius balfouri, Hyperolius montanus, Hyperolius nasutus, Hyperolius parallelus, Hyperolius phantasticus, Hyperolius picturatus, Hyperolius pusillus, Hyperolius tuberilinguis, Hyperolius viridiflavus, Iridotriton hechti, Jeholotriton paradoxus, Kassina cassinoides, Kassina cochranae, Kassina decorate, Kassina fusca, Kassina kuvangensis, Kassina lamottei, Kassina maculate, Kassina maculifer, Kassina mertensi, Kassinula wittei, Kayentasuchus walker, Keratobrachyops australis, Konzhukovia vetusta, Lapillopsis nana, Leptobrachium, Leptopelis bocagii, Leptopelis boulengeri, Leptopelis brevirostris, Leptopelis karissimbensis, Leptopelis kivuensis, Leptopelis macrotis, Leptopelis modestus, Leptopelis notatus, Leptopelis spiritusnoctis, Leptopelis viridis, Liaoningornis longidigitris, Liaoxitriton, Limenavis patagonica, Lydekkerina huxleyi, Macropelobates osborni, Marmorerpeton, Mastodonsauridae, Mastodonsaurus, Megaelosia goeldii, Mixophyes, Oromycter dolesorum, Otogornis genghisi, Pachycentrata, Pachycentrata taqueti, Pangerpeton sinensis, Paracassina kounhiensis, Paracassina obscura, Pelorocephalus, Peltobatrachus, Phlyctimantis leonardi, Plagiosauridae, Platyoposaurus, Pliobatrachus, Prosalirus bitis, Pyozia mesenensis, Regalerpeton weichangensis, Rhadinosteus parvus, Rhinesuchidae, Rhinophrynus Canadensis, Rhytidosteidae, Sauropleura bairdi, Screbinodus, Scutiger mammatus, Semnodactylus wealii, Shenzhousaurus orientalis, Siderops kehli, Sinornithomimus dongi, Sinosauropteryx prima, Spea neuter, Tachycnemis seychellensis, Tersomius, Thoosuchus, Trematopidae, Trematosauridae, Typhlonectes compressicauda, Varanodon agilis, Wawelia gerholdi, Xenobrachyops allos, Xilousuchus sapingensis, Xiongguanlong baimoensis, Yizhoubatrachus macilentus, Zatracheidae

**Supplementary Table 3.** Conflicting characters. Characters with conflicting states in the variable-only supermatrix, listed by taxon. Conflict type (between direct assertions, direct vs. inferred, and inferred vs. inferred) indicated in right-most column.

|  |  |  |
| --- | --- | --- |
| Taxon | Entity | Conflict type |
| Acanthostega gunnari | ectepicondylar flange | asserted/inferred |
| Acanthostega gunnari | ectepicondylar foramen | asserted/inferred |
| Acanthostega gunnari | parasternal process | asserted/asserted |
| Acanthostega gunnari | scapular blade | asserted/asserted |
| Acanthostega gunnari | postbranchial lamina | asserted/asserted |
| Acanthostega gunnari | hindlimb intermedium | inferred/inferred |
| Acanthostega gunnari | deltopectoral crest | asserted/inferred |
| Acanthostega gunnari | supinator process | asserted/asserted |
| Acanthostega gunnari | proximal tarsal bone | asserted/inferred |
| Acanthostega gunnari | fibulare | inferred/inferred |
| Acanthostega gunnari | ectepicondyle of humerus | asserted/inferred |
| Acanthostega gunnari | humerus diaphysis | asserted/inferred |
| Acanthostega gunnari | paired fin radial bone | asserted/inferred |
| Acanthostega gunnari | capitulum of humerus | asserted/inferred |
| Acanthostega gunnari | pectoral fin radial bone | inferred/inferred |
| Acheloma cumminsi | fourth trochanter | asserted/inferred |
| Acheloma cumminsi | proximal tarsal bone | asserted/inferred |
| Acheloma cumminsi | fibulare | inferred/inferred |
| Adelogyrinidae | skeleton of manual digitopodium | asserted/inferred |
| Adelospondylus | scapulocoracoid | asserted/inferred |
| Adelospondylus | scapula | inferred/inferred |
| Aetosaurus ferratus | metacarpal extensor pit | asserted/inferred |
| Aetosaurus ferratus | prepubic process | asserted/inferred |
| Aetosaurus ferratus | calcaneal tuber | asserted/inferred |
| Aistopoda | interclavicle | asserted/inferred |
| Aistopoda | skeleton of manual digitopodium | asserted/inferred |
| Albanerpetontidae | olecranon | asserted/asserted |
| Alligator mississippiensis | centrale | asserted/inferred |
| Alligator mississippiensis | metacarpal extensor pit | asserted/inferred |
| Alligator mississippiensis | prepubic process | asserted/inferred |
| Alligator mississippiensis | calcaneal tuber | asserted/inferred |
| Allosaurus fragilis | centrale | asserted/inferred |
| Allosaurus fragilis | prepubic process | asserted/inferred |
| Allosaurus fragilis | metacarpal bone of digit 4 | asserted/inferred |
| Alytes obstetricans | femoral ridge | asserted/inferred |
| Alytes obstetricans | epipubis | asserted/asserted |
| Amietia angolensis | distal tarsal bone 1 | asserted/asserted |
| Amphibamus grandiceps | olecranon | asserted/asserted |
| Anas | obturator process of ischium | asserted/inferred |
| Anhydrophryne rattrayi | clavicle | asserted/inferred |
| Anthracosauroidea | deltopectoral crest | inferred/inferred |
| Anthracosauroidea | humerus diaphysis | asserted/inferred |
| Anura | olecranon | asserted/asserted |
| Anura | supraglenoid foramen | asserted/inferred |
| Anura | cleithrum | asserted/inferred |
| Anura | tibia | asserted/inferred |
| Apateon pedestris | supinator process | asserted/inferred |
| Apsaravis ukhaana | obturator process of ischium | asserted/inferred |
| Archaeorhynchus spathula | obturator process of ischium | asserted/inferred |
| Archeria | parasternal process | asserted/inferred |
| Archeria | supinator process | asserted/inferred |
| Ariekanerpeton | ectepicondylar flange | asserted/inferred |
| Ariekanerpeton | ectepicondyle of humerus | asserted/inferred |
| Arizonasaurus babbitti | prepubic process | asserted/inferred |
| Arthroleptis sylvaticus | distal tarsal bone 1 | asserted/asserted |
| Arthroleptis variabilis | distal carpal bone 2 | asserted/inferred |
| Arthroleptis variabilis | distal carpal bone 3 | asserted/inferred |
| Arthroleptis variabilis | os sesamoides tarsale | asserted/asserted |
| Asaphestera intermedia | olecranon | asserted/asserted |
| Asaphestera intermedia | supraglenoid foramen | asserted/asserted |
| Asaphestera intermedia | coracoid foramen | asserted/inferred |
| Asaphestera intermedia | scapular blade | asserted/inferred |
| Asaphestera intermedia | scapula | asserted/asserted |
| Asaphestera intermedia | supinator process | asserted/asserted |
| Asaphestera intermedia | coracoid plate | inferred/inferred |
| Asaphestera intermedia | coracoid bone | asserted/asserted |
| Asaphestera intermedia | supraglenoid region | inferred/inferred |
| Asilisaurus kongwe | centrale | asserted/inferred |
| Asilisaurus kongwe | prepubic process | asserted/inferred |
| Balanerpeton woodi | ectepicondylar foramen | asserted/asserted |
| Balanerpeton woodi | supinator process | asserted/asserted |
| Balanerpeton woodi | fibulare | inferred/inferred |
| Balanerpeton woodi | paired fin radial bone | asserted/inferred |
| Balanerpeton woodi | pectoral fin radial bone | inferred/inferred |
| Baphetes | supinator process | asserted/asserted |
| Baphetidae | deltopectoral crest | inferred/inferred |
| Baphetidae | humerus diaphysis | asserted/inferred |
| Baptornis advenus | obturator process of ischium | asserted/inferred |
| Baptornis varneri | obturator process of ischium | asserted/inferred |
| Barameda | entepicondylar foramen | asserted/asserted |
| Barbourula busuangensis | femoral ridge | asserted/inferred |
| Barbourula busuangensis | epipubis | asserted/inferred |
| Batrachiderpeton reticulatum | coracoid foramen | inferred/inferred |
| Batrachiderpeton reticulatum | scapula | asserted/inferred |
| Batrachiderpeton reticulatum | coracoid bone | asserted/inferred |
| Batrachotomus kupferzellensis | prepubic process | asserted/inferred |
| Batropetes fritschi | talus | asserted/inferred |
| Batropetes fritschi | proximal tarsal bone | asserted/inferred |
| Beelarongia | postbranchial lamina | asserted/asserted |
| Biarmosuchus | supinator process | asserted/inferred |
| Biarmosuchus | intertrochanteric fossa | asserted/inferred |
| Boluochia zhengi | obturator process of ischium | asserted/inferred |
| Bombina bombina | femoral ridge | asserted/inferred |
| Bombina bombina | epipubis | asserted/inferred |
| Bombina maxima | femoral ridge | asserted/inferred |
| Bombina maxima | epipubis | asserted/inferred |
| Bombina orientalis | femoral ridge | asserted/inferred |
| Bombina orientalis | epipubis | asserted/inferred |
| Bombina orientalis | ilial protuberance | asserted/inferred |
| Bombina variegata | femoral ridge | asserted/inferred |
| Bombina variegata | ilial shaft | asserted/inferred |
| Bombina variegata | epipubis | asserted/inferred |
| Bombina variegata | ilial protuberance | inferred/inferred |
| Brachydectes | olecranon | asserted/asserted |
| Brachydectes | intertrochanteric fossa | asserted/inferred |
| Brachystelechidae | supinator process | asserted/inferred |
| Branchiosauridae | olecranon | asserted/asserted |
| Branchiosauridae | medial tibial tarsal bone | inferred/inferred |
| Branchiosauridae | scapula | asserted/inferred |
| Branchiosauridae | proximal tarsal bone | inferred/inferred |
| Branchiosauridae | fibulare | inferred/inferred |
| Branchiosauridae | intertrochanteric fossa | asserted/inferred |
| Branchiosauridae | tarsal bone | asserted/inferred |
| Branchiosauridae | distal tarsal bone | inferred/inferred |
| Cacosternum boettgeri | clavicle | asserted/inferred |
| Cacosternum capense | sesamoid bone of manus | asserted/inferred |
| Cacosternum capense | clavicle | asserted/inferred |
| Cacosternum nanum | clavicle | asserted/inferred |
| Captorhinidae | ectepicondylar foramen | asserted/asserted |
| Captorhinidae | supinator process | asserted/inferred |
| Captorhinidae | cleithrum | asserted/inferred |
| Captorhinus | supinator process | asserted/inferred |
| Cardiocephalus peabodyi | supinator process | asserted/asserted |
| Caudata | coracoid foramen | inferred/inferred |
| Caudata | coracoid bone | asserted/inferred |
| Chanaresuchus bonapartei | centrale | asserted/inferred |
| Chanaresuchus bonapartei | prepubic process | asserted/inferred |
| Chaoyangia beishanensis | obturator process of ischium | asserted/inferred |
| Chirodipterus | pelvic fin radial bone | asserted/inferred |
| Chirodipterus | pelvic fin clasper | asserted/inferred |
| Chirodipterus | propterygium cartilage | asserted/inferred |
| Chirodipterus | basipterygium bone | asserted/inferred |
| Coelophysis bauri | articular surface for the calcaneum on the astragalus | asserted/inferred |
| Coelophysis bauri | centrale | asserted/inferred |
| Coelophysis bauri | prepubic process | asserted/inferred |
| Coelophysis bauri | obturator process of ischium | asserted/inferred |
| Colosteidae | deltopectoral crest | inferred/inferred |
| Colosteidae | supinator process | asserted/inferred |
| Colosteidae | humerus diaphysis | asserted/inferred |
| Colosteus scutellatus | parasternal process | asserted/inferred |
| Concornis lacustris | obturator process of ischium | asserted/inferred |
| Confuciusornis sanctus | obturator process of ischium | asserted/inferred |
| Conraua crassipes | distal tarsal bone 1 | asserted/asserted |
| Crassigyrinus scoticus | epicondyle of humerus | inferred/inferred |
| Crassigyrinus scoticus | entepicondylar foramen | asserted/inferred |
| Crassigyrinus scoticus | ectepicondylar flange | asserted/inferred |
| Crassigyrinus scoticus | ectepicondylar foramen | asserted/inferred |
| Crassigyrinus scoticus | accessory foramina | asserted/inferred |
| Crassigyrinus scoticus | anterior humeral ridge | asserted/inferred |
| Crassigyrinus scoticus | parasternal process | asserted/asserted |
| Crassigyrinus scoticus | epiphysis of humerus | inferred/inferred |
| Crassigyrinus scoticus | olecranon | asserted/asserted |
| Crassigyrinus scoticus | scapulocoracoid | asserted/inferred |
| Crassigyrinus scoticus | radial facet | inferred/inferred |
| Crassigyrinus scoticus | deltopectoral crest | asserted/inferred |
| Crassigyrinus scoticus | condyle of humerus | inferred/inferred |
| Crassigyrinus scoticus | scapula | inferred/inferred |
| Crassigyrinus scoticus | supinator process | asserted/asserted |
| Crassigyrinus scoticus | ventral humeral ridge | asserted/inferred |
| Crassigyrinus scoticus | proximal head of humerus | inferred/inferred |
| Crassigyrinus scoticus | humerus | asserted/inferred |
| Crassigyrinus scoticus | proximal epiphysis of humerus | inferred/inferred |
| Crassigyrinus scoticus | ectepicondyle of humerus | inferred/inferred |
| Crassigyrinus scoticus | ulnar condyle | inferred/inferred |
| Crassigyrinus scoticus | humerus diaphysis | asserted/inferred |
| Crassigyrinus scoticus | paired fin radial bone | asserted/inferred |
| Crassigyrinus scoticus | distal epiphysis of humerus | inferred/inferred |
| Crassigyrinus scoticus | entepicondyle of humerus | asserted/inferred |
| Crassigyrinus scoticus | crista dorsalis humeri | inferred/inferred |
| Crassigyrinus scoticus | pectoral fin radial bone | inferred/inferred |
| Crassigyrinus scoticus | radial head of humerus | inferred/inferred |
| Crassigyrinus scoticus | glenohumeral joint | inferred/inferred |
| Ctenerpeton alveolatum | tarsal bone | asserted/inferred |
| Dendrerpeton | hindlimb intermedium | asserted/inferred |
| Dendrerpeton | supinator process | asserted/inferred |
| Dendrerpeton | fibulare | inferred/inferred |
| Dendrerpeton acadianum | ectepicondylar foramen | asserted/asserted |
| Dendrerpeton acadianum | coracoid foramen | asserted/inferred |
| Dendrerpeton acadianum | anocleithrum | asserted/inferred |
| Dendrerpeton acadianum | supinator process | asserted/asserted |
| Dendrerpeton acadianum | proximal tarsal bone | asserted/inferred |
| Dendrerpeton acadianum | ventral humeral ridge | asserted/inferred |
| Dendrerpeton acadianum | fibulare | inferred/inferred |
| Dendrerpeton acadianum | interclavicle | asserted/inferred |
| Diabolepis | pelvic fin radial bone | asserted/inferred |
| Diabolepis | pelvic fin clasper | asserted/inferred |
| Diabolepis | propterygium cartilage | asserted/inferred |
| Diabolepis | basipterygium bone | asserted/inferred |
| Dibothrosuchus elaphros | metacarpal extensor pit | asserted/inferred |
| Diceratosaurus brevirostris | scapula | asserted/inferred |
| Diceratosaurus brevirostris | tarsal bone | asserted/inferred |
| Dilophosaurus wetherilli | articular surface for the calcaneum on the astragalus | asserted/inferred |
| Dilophosaurus wetherilli | centrale | asserted/inferred |
| Dilophosaurus wetherilli | prepubic process | asserted/inferred |
| Dilophosaurus wetherilli | obturator process of ischium | asserted/inferred |
| Dilophosaurus wetherilli | obturator foramen | asserted/inferred |
| Dimorphodon macronyx | centrale | asserted/inferred |
| Dimorphodon macronyx | metacarpal extensor pit | asserted/inferred |
| Dimorphodon macronyx | prepubic process | asserted/inferred |
| Diplocaulus magnicornis | entepicondylar foramen | asserted/asserted |
| Diplocaulus magnicornis | olecranon | asserted/asserted |
| Diplocaulus magnicornis | coracoid foramen | inferred/inferred |
| Diplocaulus magnicornis | coracoid bone | asserted/inferred |
| Diplocaulus magnicornis | tarsal bone | asserted/inferred |
| Dipnoi | pelvic fin radial bone | asserted/inferred |
| Dipnoi | pelvic fin clasper | asserted/inferred |
| Dipnoi | propterygium cartilage | asserted/inferred |
| Dipnoi | basipterygium bone | asserted/inferred |
| Dipnorhynchus | pelvic fin radial bone | asserted/inferred |
| Dipnorhynchus | pelvic fin clasper | asserted/inferred |
| Dipnorhynchus | propterygium cartilage | asserted/inferred |
| Dipnorhynchus | basipterygium bone | asserted/inferred |
| Dipterus | pelvic fin radial bone | asserted/inferred |
| Dipterus | pectoral fin spine | asserted/inferred |
| Dipterus | postbranchial lamina | asserted/asserted |
| Dipterus | pelvic fin clasper | asserted/inferred |
| Dipterus | propterygium cartilage | asserted/inferred |
| Dipterus | basipterygium bone | asserted/inferred |
| Discoglossidae | supinator process | asserted/inferred |
| Discoglossidae | ectepicondyle of humerus | asserted/inferred |
| Discoglossus pictus | femoral ridge | asserted/inferred |
| Discoglossus pictus | epipubis | asserted/asserted |
| Discoglossus pictus | os sesamoides tarsale | asserted/inferred |
| Dromicosuchus grallator | metacarpal extensor pit | asserted/inferred |
| Dromicosuchus grallator | prepubic process | asserted/inferred |
| Ecolsonia cutlerensis | olecranon | asserted/asserted |
| Ecolsonia cutlerensis | proximal tarsal bone | asserted/inferred |
| Ecolsonia cutlerensis | fibulare | inferred/inferred |
| Ecolsonia cutlerensis | intertrochanteric fossa | asserted/asserted |
| Effigia okeeffeae | centrale | asserted/inferred |
| Effigia okeeffeae | metacarpal extensor pit | asserted/inferred |
| Effigia okeeffeae | prepubic process | asserted/inferred |
| Efraasia minor | centrale | asserted/inferred |
| Efraasia minor | metacarpal extensor pit | asserted/inferred |
| Efraasia minor | prepubic process | asserted/inferred |
| Eoherpeton watsoni | supinator process | asserted/asserted |
| Eoraptor lunensis | pubic boot | asserted/inferred |
| Eoraptor lunensis | centrale | asserted/inferred |
| Eoraptor lunensis | prepubic process | asserted/inferred |
| Eoscopus lockardi | fourth trochanter | asserted/inferred |
| Eoscopus lockardi | proximal tarsal bone | asserted/inferred |
| Eoscopus lockardi | fibulare | inferred/inferred |
| Ericabatrachus baleensis | clavicle | asserted/inferred |
| Eryops megacephalus | proximal tarsal bone | asserted/inferred |
| Erythrosuchus africanus | centrale | asserted/inferred |
| Erythrosuchus africanus | metacarpal extensor pit | asserted/inferred |
| Erythrosuchus africanus | prepubic process | asserted/inferred |
| Eudimorphodon ranzii | centrale | asserted/inferred |
| Eudimorphodon ranzii | prepubic process | asserted/inferred |
| Euparkeria capensis | prepubic process | asserted/inferred |
| Euryodus primus | supinator process | asserted/asserted |
| Euryodus primus | carpal bone | asserted/asserted |
| Eusthenopteron foordi | pectoral fin spine | asserted/inferred |
| Eusthenopteron foordi | postbranchial lamina | asserted/asserted |
| Eusthenopteron foordi | supinator process | asserted/asserted |
| Eusthenopteron foordi | ventral humeral ridge | asserted/asserted |
| Eusthenopteron foordi | interclavicle | asserted/asserted |
| Eusthenopteron foordi | coracoid plate | asserted/inferred |
| Eusthenopteron foordi | internal trochanter | asserted/inferred |
| Fasolasuchus tenax | centrale | asserted/inferred |
| Fasolasuchus tenax | prepubic process | asserted/inferred |
| Gansus yumenensis | obturator process of ischium | asserted/inferred |
| Gephyrostegidae | supinator process | asserted/inferred |
| Glyptolepis | pectoral fin spine | asserted/inferred |
| Glyptolepis | postbranchial lamina | asserted/asserted |
| Glyptolepis | deltopectoral crest | asserted/inferred |
| Glyptolepis | ventral humeral ridge | asserted/inferred |
| Glyptolepis | interclavicle | asserted/inferred |
| Glyptolepis | coracoid plate | asserted/inferred |
| Gogonasus andrewsae | coracoid plate | asserted/inferred |
| Gooloogongia | interclavicle | asserted/inferred |
| Gracilisuchus stipanicicorum | centrale | asserted/inferred |
| Gracilisuchus stipanicicorum | prepubic process | asserted/inferred |
| Greererpeton burkemorani | entepicondylar foramen | asserted/asserted |
| Greererpeton burkemorani | supraglenoid foramen | asserted/asserted |
| Greererpeton burkemorani | coracoid foramen | asserted/asserted |
| Greererpeton burkemorani | postbranchial lamina | asserted/asserted |
| Greererpeton burkemorani | anocleithrum | asserted/inferred |
| Greererpeton burkemorani | medial tibial tarsal bone | inferred/inferred |
| Greererpeton burkemorani | supinator process | asserted/asserted |
| Greererpeton burkemorani | fibulare | inferred/inferred |
| Greererpeton burkemorani | interclavicle | asserted/inferred |
| Greererpeton burkemorani | paired fin radial bone | asserted/inferred |
| Greererpeton burkemorani | carpal bone | asserted/asserted |
| Greererpeton burkemorani | tarsal bone | asserted/asserted |
| Greererpeton burkemorani | distal tarsal bone | inferred/inferred |
| Greererpeton burkemorani | pectoral fin radial bone | inferred/inferred |
| Griphognathus | pelvic fin radial bone | asserted/inferred |
| Griphognathus | pelvic fin clasper | asserted/inferred |
| Griphognathus | propterygium cartilage | asserted/inferred |
| Griphognathus | basipterygium bone | asserted/inferred |
| Guibemantis liber | distal tarsal bone 2 | asserted/inferred |
| Guibemantis liber | distal carpal bone 3 | asserted/inferred |
| Guibemantis liber | os sesamoides tarsale | asserted/asserted |
| Gyroptychius | postbranchial lamina | asserted/asserted |
| Herrerasaurus ischigualastensis | centrale | asserted/inferred |
| Herrerasaurus ischigualastensis | prepubic process | asserted/inferred |
| Herrerasaurus ischigualastensis | obturator process of ischium | asserted/inferred |
| Hesperornis | obturator process of ischium | asserted/inferred |
| Hesperosuchus | centrale | asserted/inferred |
| Hesperosuchus | metacarpal extensor pit | asserted/inferred |
| Hesperosuchus | prepubic process | asserted/inferred |
| Hesperosuchus agilis | centrale | asserted/inferred |
| Hesperosuchus agilis | metacarpal extensor pit | asserted/inferred |
| Hesperosuchus agilis | prepubic process | asserted/inferred |
| Heterodontosaurus tucki | metacarpal extensor pit | asserted/inferred |
| Heterodontosaurus tucki | metacarpal bone of digit 4 | asserted/inferred |
| Hoplobatrachus occipitalis | distal tarsal bone 1 | asserted/asserted |
| Hoplobatrachus occipitalis | ilial shaft | asserted/inferred |
| Hoplobatrachus occipitalis | ilial protuberance | inferred/inferred |
| Hyloplesion longicostatum | proximal tarsal bone | asserted/inferred |
| Hymenochirus boettgeri | femoral ridge | asserted/inferred |
| Hymenochirus boettgeri | distal carpal bone 3 | asserted/inferred |
| Hymenochirus boettgeri | epipubis | asserted/inferred |
| Hynobiidae | supinator process | asserted/inferred |
| Hynobiidae | ectepicondyle of humerus | asserted/inferred |
| Hypsiboas lanciformis | distal carpal bone 2 | asserted/asserted |
| Hypsiboas lanciformis | femoral ridge | asserted/inferred |
| Hypsiboas lanciformis | distal carpal bone 3 | asserted/asserted |
| Hypsiboas lanciformis | os sesamoides tarsale | asserted/inferred |
| Ichthyophiidae | skeleton of manual digitopodium | asserted/inferred |
| Ichthyornis dispar | obturator process of ischium | asserted/inferred |
| Ichthyostega stensioei | ectepicondylar flange | asserted/inferred |
| Ichthyostega stensioei | ectepicondylar foramen | asserted/inferred |
| Ichthyostega stensioei | pectoral fin spine | asserted/inferred |
| Ichthyostega stensioei | scapular blade | asserted/asserted |
| Ichthyostega stensioei | postbranchial lamina | asserted/asserted |
| Ichthyostega stensioei | hindlimb intermedium | asserted/inferred |
| Ichthyostega stensioei | anocleithrum | asserted/asserted |
| Ichthyostega stensioei | supinator process | asserted/asserted |
| Ichthyostega stensioei | fibulare | inferred/inferred |
| Ichthyostega stensioei | ectepicondyle of humerus | asserted/inferred |
| Ichthyostega stensioei | internal trochanter | asserted/asserted |
| Ichthyostega stensioei | paired fin lepidotrichium | asserted/inferred |
| Ichthyostega stensioei | paired fin radial bone | asserted/inferred |
| Ichthyostega stensioei | pectoral fin lepidotrichium | asserted/inferred |
| Ichthyostega stensioei | pectoral fin radial bone | inferred/inferred |
| Jeholornis prima | obturator process of ischium | asserted/inferred |
| Jixiangornis orientalis | hypocleideum | asserted/inferred |
| Karaurus sharovi | cleithrum | asserted/inferred |
| Kassina senegalensis | distal carpal bone 2 | asserted/inferred |
| Kassina senegalensis | distal tarsal bone 1 | asserted/asserted |
| Kassina senegalensis | ilial shaft | asserted/inferred |
| Kassina senegalensis | distal carpal bone 3 | asserted/inferred |
| Kassina senegalensis | os sesamoides tarsale | asserted/inferred |
| Kassina senegalensis | ilial protuberance | asserted/inferred |
| Kenichthys | pectoral fin spine | asserted/inferred |
| Keraterpeton galvani | tarsal bone | asserted/inferred |
| Kotlassia prima | hindlimb intermedium | asserted/inferred |
| Kotlassia prima | proximal tarsal bone | asserted/inferred |
| Kotlassia prima | fibulare | inferred/inferred |
| Lagerpetidae | fibular facet of the astragalus | asserted/inferred |
| Lagerpeton chanarensis | centrale | asserted/inferred |
| Lagerpeton chanarensis | prepubic process | asserted/inferred |
| Leptobrachium hasseltii | femoral ridge | asserted/inferred |
| Leptodactylus | os sesamoides tarsale | asserted/inferred |
| Leptopelis christyi | distal tarsal bone 1 | asserted/asserted |
| Lesothosaurus diagnosticus | centrale | asserted/inferred |
| Lesothosaurus diagnosticus | fibular facet of the astragalus | asserted/inferred |
| Lesothosaurus diagnosticus | obturator foramen | asserted/inferred |
| Lethiscus stocki | scapulocoracoid | asserted/inferred |
| Lethiscus stocki | scapula | inferred/inferred |
| Lewisuchus admixtus | centrale | asserted/inferred |
| Lewisuchus admixtus | prepubic process | asserted/inferred |
| Limnodynastes peronii | femoral ridge | asserted/inferred |
| Limnoscelis paludis | olecranon | asserted/asserted |
| Limnoscelis paludis | talus | asserted/asserted |
| Limnoscelis paludis | proximal carpal bone | inferred/inferred |
| Limnoscelis paludis | ulnare | inferred/inferred |
| Limnoscelis paludis | internal trochanter | asserted/asserted |
| Limnoscelis paludis | carpal bone | asserted/asserted |
| Limnoscelis paludis | supraacetabular buttress | asserted/inferred |
| Longicrusavis houi | obturator process of ischium | asserted/inferred |
| Longipteryx chaoyangensis | obturator process of ischium | asserted/inferred |
| Longirostravis hani | obturator process of ischium | asserted/inferred |
| Longosuchus meadei | centrale | asserted/inferred |
| Longosuchus meadei | metacarpal extensor pit | asserted/inferred |
| Longosuchus meadei | prepubic process | asserted/inferred |
| Lotosaurus adentus | centrale | asserted/inferred |
| Lotosaurus adentus | metacarpal extensor pit | asserted/inferred |
| Lysorophia | supinator process | asserted/inferred |
| Lysorophia | ectepicondyle of humerus | asserted/inferred |
| Mantella aurantiaca | distal carpal bone 2 | asserted/inferred |
| Mantella aurantiaca | distal carpal bone 3 | asserted/inferred |
| Mantella aurantiaca | os sesamoides tarsale | asserted/asserted |
| Marasuchus lilloensis | centrale | asserted/inferred |
| Marasuchus lilloensis | prepubic process | asserted/inferred |
| Marasuchus lilloensis | obturator process of ischium | asserted/inferred |
| Medoevia | deltopectoral crest | asserted/asserted |
| Medoevia | supinator process | asserted/asserted |
| Medoevia | interclavicle | asserted/inferred |
| Medoevia | coracoid plate | asserted/inferred |
| Megalichthys | supinator process | asserted/asserted |
| Megalichthys | interclavicle | asserted/inferred |
| Megalichthys | coracoid plate | asserted/inferred |
| Megophrys montana | femoral ridge | asserted/inferred |
| Megophrys montana | epipubis | asserted/inferred |
| Mesosuchus browni | metacarpal extensor pit | asserted/inferred |
| Mesosuchus browni | prepubic process | asserted/inferred |
| Microbrachis pelikani | entepicondylar foramen | asserted/asserted |
| Microbrachis pelikani | parasternal process | asserted/asserted |
| Microbrachis pelikani | olecranon | asserted/asserted |
| Microbrachis pelikani | supinator process | asserted/inferred |
| Microbrachis pelikani | clavicle blade | asserted/inferred |
| Microbrachis pelikani | intertrochanteric fossa | asserted/asserted |
| Micromelerpetontidae | medial tibial tarsal bone | inferred/inferred |
| Micromelerpetontidae | scapula | asserted/inferred |
| Micromelerpetontidae | proximal tarsal bone | inferred/inferred |
| Micromelerpetontidae | fibulare | inferred/inferred |
| Micromelerpetontidae | tarsal bone | asserted/inferred |
| Nannophryne variegata | ilial shaft | asserted/inferred |
| Nannophryne variegata | ilial protuberance | inferred/inferred |
| Natalobatrachus bonebergi | sesamoid bone of manus | asserted/inferred |
| Nectridea | deltopectoral crest | inferred/inferred |
| Nectridea | humerus diaphysis | asserted/inferred |
| Neldasaurus wrightae | supinator process | asserted/inferred |
| Neoceratodus | pelvic fin radial bone | asserted/inferred |
| Neoceratodus | pelvic fin clasper | asserted/inferred |
| Neoceratodus | propterygium cartilage | asserted/inferred |
| Neoceratodus | basipterygium bone | asserted/inferred |
| Nothophryne broadleyi | sesamoid bone of manus | asserted/inferred |
| Nothophryne broadleyi | clavicle | asserted/inferred |
| Odonterpeton triangulare | scapula | asserted/asserted |
| Odonterpeton triangulare | coracoid bone | asserted/asserted |
| Odontophrynus americanus | omosternum | asserted/inferred |
| Onychodus | pectoral fin spine | asserted/inferred |
| Onychodus | postbranchial lamina | asserted/asserted |
| Onychodus | deltopectoral crest | asserted/inferred |
| Onychodus | ascending process of clavicle | asserted/inferred |
| Onychodus | trunk armor pectoral fenestra | asserted/inferred |
| Ophiacodon | ectepicondylar foramen | asserted/asserted |
| Ophiacodon | greater trochanter | asserted/inferred |
| Ornithosuchus longidens | prepubic process | asserted/inferred |
| Orobates pabsti | internal trochanter | asserted/inferred |
| Orthosuchus stormbergi | centrale | asserted/inferred |
| Orthosuchus stormbergi | metacarpal extensor pit | asserted/inferred |
| Orthosuchus stormbergi | prepubic process | asserted/inferred |
| Ossinodus pueri | fourth trochanter | asserted/inferred |
| Ossinodus pueri | internal trochanter | asserted/inferred |
| Osteolepis | pectoral fin spine | asserted/inferred |
| Osteolepis | postbranchial lamina | asserted/asserted |
| Palaeobatrachus occidentalis | preacetabular expansion | asserted/asserted |
| Panderichthys rhombolepis | ectepicondylar flange | asserted/inferred |
| Panderichthys rhombolepis | ectepicondylar foramen | asserted/inferred |
| Panderichthys rhombolepis | pectoral fin spine | asserted/inferred |
| Panderichthys rhombolepis | scapular blade | asserted/asserted |
| Panderichthys rhombolepis | postbranchial lamina | asserted/asserted |
| Panderichthys rhombolepis | hindlimb intermedium | asserted/inferred |
| Panderichthys rhombolepis | medial tibial tarsal bone | asserted/inferred |
| Panderichthys rhombolepis | ascending process of clavicle | asserted/inferred |
| Panderichthys rhombolepis | supinator process | asserted/asserted |
| Panderichthys rhombolepis | proximal tarsal bone | inferred/inferred |
| Panderichthys rhombolepis | navicular bone of pes | asserted/inferred |
| Panderichthys rhombolepis | ventral humeral ridge | asserted/asserted |
| Panderichthys rhombolepis | interclavicle | asserted/asserted |
| Panderichthys rhombolepis | ectepicondyle of humerus | asserted/inferred |
| Panderichthys rhombolepis | capitulum of humerus | asserted/inferred |
| Panderichthys rhombolepis | tarsal bone | asserted/inferred |
| Panphagia protos | pubic boot | asserted/inferred |
| Pantylus cordatus | ectepicondylar flange | asserted/inferred |
| Pantylus cordatus | talus | asserted/asserted |
| Pantylus cordatus | coracoid foramen | asserted/inferred |
| Pantylus cordatus | hindlimb intermedium | asserted/inferred |
| Pantylus cordatus | supinator process | asserted/inferred |
| Pantylus cordatus | proximal tarsal bone | asserted/inferred |
| Pantylus cordatus | clavicle blade | asserted/inferred |
| Pantylus cordatus | fibulare | inferred/inferred |
| Pantylus cordatus | intertrochanteric fossa | asserted/asserted |
| Pantylus cordatus | ectepicondyle of humerus | asserted/inferred |
| Pantylus cordatus | coracoid bone | asserted/asserted |
| Pantylus cordatus | carpal bone | asserted/asserted |
| Parasuchus hislopi | centrale | asserted/inferred |
| Parasuchus hislopi | metacarpal extensor pit | asserted/inferred |
| Parasuchus hislopi | prepubic process | asserted/inferred |
| Patagopteryx deferrariisi | obturator process of ischium | asserted/inferred |
| Pederpes finneyae | fourth trochanter | asserted/inferred |
| Pederpes finneyae | olecranon | asserted/asserted |
| Pederpes finneyae | supinator process | asserted/asserted |
| Pederpes finneyae | internal trochanter | asserted/inferred |
| Pelobates cultripes | femoral ridge | asserted/inferred |
| Pelobates cultripes | epipubis | asserted/inferred |
| Pelobates fuscus | femoral ridge | asserted/inferred |
| Pelobates fuscus | epipubis | asserted/inferred |
| Pelobates fuscus | os sesamoides tarsale | asserted/inferred |
| Pelobates fuscus | ilial protuberance | asserted/inferred |
| Pelobates syriacus | femoral ridge | asserted/inferred |
| Pelobates syriacus | epipubis | asserted/inferred |
| Pelobates varaldii | femoral ridge | asserted/inferred |
| Pelodosotis elongatum | coracoid foramen | inferred/inferred |
| Pelodosotis elongatum | coracoid bone | asserted/inferred |
| Pelodytes punctatus | femoral ridge | asserted/inferred |
| Pelodytes punctatus | epipubis | asserted/inferred |
| Pelodytes punctatus | os sesamoides tarsale | asserted/inferred |
| Pelodytes punctatus | ilial protuberance | asserted/inferred |
| Perryella olsoni | ectepicondylar flange | asserted/inferred |
| Petropedetes cameronensis | distal carpal bone 2 | asserted/inferred |
| Petropedetes cameronensis | distal tarsal bone 1 | asserted/asserted |
| Petropedetes cameronensis | distal carpal bone 3 | asserted/inferred |
| Petropedetes cameronensis | os sesamoides tarsale | asserted/inferred |
| Phaneropleuron | pelvic fin radial bone | asserted/inferred |
| Phaneropleuron | pelvic fin clasper | asserted/inferred |
| Phaneropleuron | propterygium cartilage | asserted/inferred |
| Phaneropleuron | basipterygium bone | asserted/inferred |
| Pholiderpeton | internal trochanter | asserted/inferred |
| Phrynobatrachus | os sesamoides tarsale | asserted/inferred |
| Phrynobatrachus africanus | distal carpal bone 2 | asserted/inferred |
| Phrynobatrachus africanus | distal tarsal bone 1 | asserted/asserted |
| Phrynobatrachus africanus | proximal sesamoid bone of manus | asserted/inferred |
| Phrynobatrachus africanus | sesamoid bone of manus | asserted/inferred |
| Phrynobatrachus africanus | distal carpal bone 3 | asserted/inferred |
| Phrynobatrachus africanus | os sesamoides tarsale | asserted/inferred |
| Phrynobatrachus natalensis | distal carpal bone 2 | asserted/inferred |
| Phrynobatrachus natalensis | distal carpal bone 3 | asserted/inferred |
| Phrynobatrachus natalensis | os sesamoides tarsale | asserted/inferred |
| Phrynomantis bifasciatus | distal tarsal bone 1 | asserted/asserted |
| Phrynomantis bifasciatus | ilial shaft | asserted/inferred |
| Phrynomantis bifasciatus | ilial protuberance | inferred/inferred |
| Phrynomantis bifasciatus | clavicle | asserted/inferred |
| Phrynomantis bifasciatus | omosternum | asserted/inferred |
| Phrynomantis bifasciatus | epicoracoid | asserted/inferred |
| Pipa arrabali | femoral ridge | asserted/inferred |
| Pipa arrabali | epipubis | asserted/inferred |
| Pipa carvalhoi | femoral ridge | asserted/inferred |
| Pipa carvalhoi | epipubis | asserted/inferred |
| Pipa myersi | femoral ridge | asserted/inferred |
| Pipa parva | femoral ridge | asserted/inferred |
| Pipa parva | epipubis | asserted/inferred |
| Pipa pipa | femoral ridge | asserted/inferred |
| Pipa pipa | epipubis | asserted/inferred |
| Pipa snethlageae | femoral ridge | asserted/inferred |
| Pipidae | supinator process | asserted/inferred |
| Pipidae | ectepicondyle of humerus | asserted/inferred |
| Pisanosaurus mertii | centrale | asserted/inferred |
| Pisanosaurus mertii | prepubic process | asserted/inferred |
| Plateosaurus engelhardti | centrale | asserted/inferred |
| Plateosaurus engelhardti | metacarpal extensor pit | asserted/inferred |
| Plateosaurus engelhardti | prepubic process | asserted/inferred |
| Platyplectrum ornatum | distal tarsal bone 2 | asserted/inferred |
| Platyrhinops lyelli | fourth trochanter | asserted/inferred |
| Poposaurus gracilis | centrale | asserted/inferred |
| Poposaurus gracilis | metacarpal extensor pit | asserted/inferred |
| Poposaurus gracilis | prepubic process | asserted/inferred |
| Porolepis | pectoral fin spine | asserted/inferred |
| Porolepis | postbranchial lamina | asserted/asserted |
| Porolepis | trunk armor pectoral fenestra | asserted/inferred |
| Postosuchus alisonae | centrale | asserted/inferred |
| Postosuchus alisonae | metacarpal extensor pit | asserted/inferred |
| Postosuchus kirkpatricki | centrale | asserted/inferred |
| Postosuchus kirkpatricki | metacarpal extensor pit | asserted/inferred |
| Postosuchus kirkpatricki | prepubic process | asserted/inferred |
| Powichthys | pectoral fin spine | asserted/inferred |
| Prestosuchus chiniquensis | centrale | asserted/inferred |
| Prestosuchus chiniquensis | prepubic process | asserted/inferred |
| Procolophonidae | ectepicondyle of humerus | asserted/inferred |
| Prolacerta broomi | metacarpal extensor pit | asserted/inferred |
| Prolacerta broomi | prepubic process | asserted/inferred |
| Proteidae | supinator process | asserted/inferred |
| Proteidae | ectepicondyle of humerus | asserted/inferred |
| Proterogyrinus scheelei | parasternal process | asserted/asserted |
| Proterogyrinus scheelei | olecranon | asserted/asserted |
| Proterogyrinus scheelei | coracoid foramen | asserted/inferred |
| Proterogyrinus scheelei | anocleithrum | asserted/asserted |
| Proterogyrinus scheelei | supinator process | asserted/asserted |
| Proterogyrinus scheelei | intertrochanteric fossa | asserted/asserted |
| Proterogyrinus scheelei | paired fin radial bone | asserted/inferred |
| Proterogyrinus scheelei | pectoral fin radial bone | inferred/inferred |
| Proterosuchus fergusi | metacarpal extensor pit | asserted/inferred |
| Proterosuchus fergusi | prepubic process | asserted/inferred |
| Protopteryx fengningensis | supracoracoid foramen | asserted/inferred |
| Protorothyris archeri | supinator process | asserted/inferred |
| Protosuchus richardsoni | centrale | asserted/inferred |
| Protosuchus richardsoni | prepubic process | asserted/inferred |
| Pseudolagosuchus major | centrale | asserted/inferred |
| Pseudolagosuchus major | prepubic process | asserted/inferred |
| Pseudopalatus pristinus | centrale | asserted/inferred |
| Pseudopalatus pristinus | metacarpal extensor pit | asserted/inferred |
| Pseudopalatus pristinus | prepubic process | asserted/inferred |
| Ptychadena mascareniensis | distal tarsal bone 1 | asserted/asserted |
| Ptyonius marshi | olecranon | asserted/asserted |
| Ptyonius marshi | carpal bone | asserted/asserted |
| Ptyonius marshi | tarsal bone | asserted/inferred |
| Ptyonius marshi | distal tarsal bone | inferred/inferred |
| Pyxicephalus adspersus | epicoracoid | asserted/inferred |
| Qianosuchus mixtus | centrale | asserted/inferred |
| Qianosuchus mixtus | prepubic process | asserted/inferred |
| Rana temporaria | epicoracoid | asserted/inferred |
| Rapaxavis pani | obturator process of ischium | asserted/inferred |
| Rapaxavis pani | supracoracoid foramen | asserted/inferred |
| Rauisuchus tiradentes | centrale | asserted/inferred |
| Rauisuchus tiradentes | prepubic process | asserted/inferred |
| Revueltosaurus callenderi | centrale | asserted/inferred |
| Revueltosaurus callenderi | metacarpal extensor pit | asserted/inferred |
| Revueltosaurus callenderi | prepubic process | asserted/inferred |
| Rhaebo caeruleostictus | ilial protuberance | asserted/inferred |
| Rhinatrematidae | skeleton of manual digitopodium | asserted/inferred |
| Rhinella granulosa | ilial shaft | asserted/inferred |
| Rhinella granulosa | ilial protuberance | inferred/inferred |
| Rhinophrynus dorsalis | femoral ridge | asserted/inferred |
| Rhinophrynus dorsalis | sternum | asserted/inferred |
| Rhizodus | deltopectoral crest | asserted/inferred |
| Rhynchonkos stovalli | adductor crest | asserted/asserted |
| Rhynchonkos stovalli | supinator process | asserted/inferred |
| Rhynchonkos stovalli | cleithrum | asserted/inferred |
| Rhynchonkos stovalli | ectepicondyle of humerus | asserted/inferred |
| Rhynchonkos stovalli | adductor blade | asserted/inferred |
| Riojasuchus tenuisceps | centrale | asserted/inferred |
| Riojasuchus tenuisceps | metacarpal extensor pit | asserted/inferred |
| Riojasuchus tenuisceps | prepubic process | asserted/inferred |
| Sacisaurus agudoensis | prepubic process | asserted/inferred |
| Sapeornis chaoyangensis | obturator process of ischium | asserted/inferred |
| Sarcopterygii | pelvic fin radial bone | asserted/inferred |
| Sarcopterygii | pelvic fin clasper | asserted/inferred |
| Sarcopterygii | propterygium cartilage | asserted/inferred |
| Sarcopterygii | basipterygium bone | asserted/inferred |
| Saturnalia tupiniquim | centrale | asserted/inferred |
| Saturnalia tupiniquim | prepubic process | asserted/inferred |
| Saturnalia tupiniquim | obturator process of ischium | asserted/inferred |
| Sauripterus taylori | deltopectoral crest | asserted/inferred |
| Sauropleura | accessory foramina | asserted/asserted |
| Sauropleura pectinata | supinator process | asserted/asserted |
| Sauropleura pectinata | tarsal bone | asserted/inferred |
| Sauropleura pectinata | distal tarsal bone | inferred/inferred |
| Sauropleura scalaris | entepicondylar foramen | asserted/asserted |
| Sauropleura scalaris | supinator process | asserted/asserted |
| Sauropodiformes | pubic boot | asserted/inferred |
| Saurosuchus galilei | centrale | asserted/inferred |
| Saurosuchus galilei | prepubic process | asserted/inferred |
| Saxonerpeton geinitzi | talus | asserted/asserted |
| Saxonerpeton geinitzi | dorsal iliac process | asserted/asserted |
| Saxonerpeton geinitzi | fibulare | inferred/inferred |
| Saxonerpeton geinitzi | carpal bone | asserted/asserted |
| Scaphiopus couchii | femoral ridge | asserted/inferred |
| Scaphiopus couchii | ilial shaft | asserted/inferred |
| Scaphiopus couchii | epipubis | asserted/inferred |
| Scaphiopus couchii | ilial protuberance | inferred/inferred |
| Scaphiopus holbrookii | femoral ridge | asserted/inferred |
| Scaphiopus holbrookii | epipubis | asserted/inferred |
| Scaphiopus hurterii | femoral ridge | asserted/inferred |
| Scaphiopus hurterii | epipubis | asserted/inferred |
| Scincosaurus crassus | olecranon | asserted/asserted |
| Scincosaurus crassus | supinator process | asserted/asserted |
| Scutellosaurus lawleri | centrale | asserted/inferred |
| Seymouria baylorensis | olecranon | asserted/asserted |
| Seymouria baylorensis | hindlimb intermedium | asserted/inferred |
| Seymouria baylorensis | proximal tarsal bone | asserted/inferred |
| Seymouria baylorensis | fibulare | inferred/inferred |
| Seymouria baylorensis | intertrochanteric fossa | asserted/asserted |
| Seymouria baylorensis | internal trochanter | asserted/asserted |
| Seymouria baylorensis | carpal bone | asserted/asserted |
| Shanweiniao cooperorum | supracoracoid foramen | asserted/inferred |
| Shenzhouraptor sinensis | hypocleideum | asserted/inferred |
| Shuvosaurus inexpectatus | centrale | asserted/inferred |
| Shuvosaurus inexpectatus | prepubic process | asserted/inferred |
| Silesauridae | pubic boot | asserted/inferred |
| Silesaurus opolensis | centrale | asserted/inferred |
| Silesaurus opolensis | metacarpal extensor pit | asserted/inferred |
| Silesaurus opolensis | prepubic process | asserted/inferred |
| Sillosuchus longicervix | prepubic process | asserted/inferred |
| Silvanerpeton miripedes | olecranon | asserted/asserted |
| Silvanerpeton miripedes | supinator process | asserted/asserted |
| Silvanerpeton miripedes | paired fin radial bone | asserted/inferred |
| Silvanerpeton miripedes | pectoral fin radial bone | inferred/inferred |
| Sirenidae | supinator process | asserted/inferred |
| Sirenidae | ectepicondyle of humerus | asserted/inferred |
| Smilosuchus gregorii | centrale | asserted/inferred |
| Smilosuchus gregorii | prepubic process | asserted/inferred |
| Spea bombifrons | femoral ridge | asserted/inferred |
| Spea bombifrons | ilial shaft | asserted/inferred |
| Spea bombifrons | epipubis | asserted/inferred |
| Spea bombifrons | ilial protuberance | inferred/inferred |
| Spea hammondii | femoral ridge | asserted/inferred |
| Spea hammondii | epipubis | asserted/inferred |
| Spea intermontana | femoral ridge | asserted/inferred |
| Spea multiplicata | femoral ridge | asserted/inferred |
| Spea multiplicata | epipubis | asserted/inferred |
| Stagonolepis robertsoni | centrale | asserted/inferred |
| Stagonolepis robertsoni | metacarpal extensor pit | asserted/inferred |
| Stagonolepis robertsoni | prepubic process | asserted/inferred |
| Staurikosaurus pricei | prepubic process | asserted/inferred |
| Staurikosaurus pricei | obturator process of ischium | asserted/inferred |
| Staurois natator | distal carpal bone 2 | asserted/inferred |
| Staurois natator | distal carpal bone 3 | asserted/inferred |
| Staurois natator | os sesamoides tarsale | asserted/inferred |
| Stegotretus agyrus | olecranon | asserted/asserted |
| Stegotretus agyrus | coracoid foramen | asserted/inferred |
| Stegotretus agyrus | coracoid bone | asserted/asserted |
| Strepsodus | postbranchial lamina | asserted/asserted |
| Strepsodus | supinator process | asserted/asserted |
| Styloichthys | pectoral fin spine | asserted/inferred |
| Tawa hallae | centrale | asserted/inferred |
| Tawa hallae | prepubic process | asserted/inferred |
| Telmatobufo venustus | distal carpal bone 3 | asserted/inferred |
| Telmatobufo venustus | omosternum | asserted/asserted |
| Terrestrisuchus gracilis | centrale | asserted/inferred |
| Terrestrisuchus gracilis | metacarpal extensor pit | asserted/inferred |
| Terrestrisuchus gracilis | prepubic process | asserted/inferred |
| Tetrapoda | pelvic fin radial bone | asserted/inferred |
| Tetrapoda | pelvic fin clasper | asserted/inferred |
| Tetrapoda | propterygium cartilage | asserted/inferred |
| Tetrapoda | basipterygium bone | asserted/inferred |
| Thoropa miliaris | omosternum | asserted/asserted |
| Ticinosuchus ferox | centrale | asserted/inferred |
| Ticinosuchus ferox | metacarpal extensor pit | asserted/inferred |
| Ticinosuchus ferox | prepubic process | asserted/inferred |
| Tiktaalik roseae | scapular blade | asserted/asserted |
| Tiktaalik roseae | ventral humeral ridge | asserted/asserted |
| Tiktaalik roseae | interclavicle | asserted/inferred |
| Titanophoneus potens | intertrochanteric fossa | asserted/inferred |
| Triadobatrachus massinoti | hindlimb intermedium | asserted/inferred |
| Triadobatrachus massinoti | proximal tarsal bone | asserted/inferred |
| Triadobatrachus massinoti | cleithrum | asserted/inferred |
| Triadobatrachus massinoti | fibulare | inferred/inferred |
| Triadobatrachus massinoti | internal trochanter | asserted/inferred |
| Tropidosuchus romeri | centrale | asserted/inferred |
| Tropidosuchus romeri | prepubic process | asserted/inferred |
| Tseajaia campi | proximal tarsal bone | asserted/inferred |
| Tseajaia campi | internal trochanter | asserted/inferred |
| Tseajaia campi | supraacetabular buttress | asserted/inferred |
| Tuditanus punctulatus | talus | asserted/inferred |
| Tuditanus punctulatus | scapula | asserted/inferred |
| Tuditanus punctulatus | proximal tarsal bone | asserted/inferred |
| Tuditanus punctulatus | fibulare | inferred/inferred |
| Tulerpeton curtum | entepicondylar foramen | asserted/asserted |
| Tulerpeton curtum | supinator process | asserted/inferred |
| Turfanosuchus dabanensis | prepubic process | asserted/inferred |
| Uranolophus | pelvic fin radial bone | asserted/inferred |
| Uranolophus | pectoral fin spine | asserted/inferred |
| Uranolophus | pelvic fin clasper | asserted/inferred |
| Uranolophus | propterygium cartilage | asserted/inferred |
| Uranolophus | basipterygium bone | asserted/inferred |
| Urocordylus wandesfordii | entepicondylar foramen | asserted/asserted |
| Urocordylus wandesfordii | tarsal bone | asserted/asserted |
| Urocordylus wandesfordii | distal tarsal bone | inferred/inferred |
| Uronemus | pelvic fin radial bone | asserted/inferred |
| Uronemus | pelvic fin clasper | asserted/inferred |
| Uronemus | propterygium cartilage | asserted/inferred |
| Uronemus | basipterygium bone | asserted/inferred |
| Utaherpeton franklini | olecranon | asserted/asserted |
| Utaherpeton franklini | medial tibial tarsal bone | inferred/inferred |
| Utaherpeton franklini | supinator process | asserted/inferred |
| Utaherpeton franklini | proximal tarsal bone | inferred/inferred |
| Utaherpeton franklini | fibulare | inferred/inferred |
| Utaherpeton franklini | tarsal bone | asserted/inferred |
| Vancleavea campi | centrale | asserted/inferred |
| Vancleavea campi | metacarpal extensor pit | asserted/inferred |
| Vancleavea campi | prepubic process | asserted/inferred |
| Velociraptor mongoliensis | centrale | asserted/inferred |
| Velociraptor mongoliensis | interclavicle | asserted/inferred |
| Vescornis hebeiensis | supracoracoid foramen | asserted/inferred |
| Westlothiana lizziae | anterior humeral ridge | asserted/asserted |
| Whatcheeria deltae | supinator process | asserted/asserted |
| Whatcheeria deltae | internal trochanter | asserted/inferred |
| Whatcheeriidae | deltopectoral crest | inferred/inferred |
| Whatcheeriidae | humerus diaphysis | asserted/inferred |
| Xenophrys aceras | femoral ridge | asserted/inferred |
| Xenophrys aceras | epipubis | asserted/inferred |
| Xenopus borealis | femoral ridge | asserted/inferred |
| Xenopus clivii | femoral ridge | asserted/inferred |
| Xenopus epitropicalis | femoral ridge | asserted/inferred |
| Xenopus fraseri | femoral ridge | asserted/inferred |
| Xenopus muelleri | femoral ridge | asserted/inferred |
| Xenopus tropicalis | femoral ridge | asserted/inferred |
| Xenopus wittei | femoral ridge | asserted/inferred |
| Xenopus wittei | epipubis | asserted/inferred |
| Yanornis martini | obturator process of ischium | asserted/inferred |
| Yixianornis grabaui | obturator process of ischium | asserted/inferred |
| Youngolepis | pelvic fin radial bone | asserted/inferred |
| Youngolepis | pectoral fin spine | asserted/inferred |
| Youngolepis | pelvic fin clasper | asserted/inferred |
| Youngolepis | propterygium cartilage | asserted/inferred |
| Youngolepis | basipterygium bone | asserted/inferred |
| Zhongjianornis yangi | obturator process of ischium | asserted/inferred |
| Zhongornis haoae | hypocleideum | asserted/inferred |
| Zhongornis haoae | obturator process of ischium | asserted/inferred |

**Supplementary Table 4.** Correlated characters. Clusters (93) of fully correlated characters across the variable-only synthetic supermatrix, arranged from high (10) to low (2). Complete equivalence of presence between asserted entities (see text) is inferred in 21 of the 93 clusters. Asserted entities are in bold.

|  |  |
| --- | --- |
| Equivalency | Entities |
| NO | acropodium region, digit plus metapodial segment, acropodial skeleton, digit mesenchyme, individual digit of digitopodial skeleton, phalanx, phalanx endochondral element, phalanx pre-cartilage condensation, phalanx cartilage element, digit |
| NO | musculature of lower limb, pelvic appendage musculature, musculature of leg, muscle of leg, hindlimb muscle, hindlimb stylopod muscle, musculature of hindlimb stylopod, pubioischiotibialis muscle, pelvic appendage muscle |
| N/A | **metacarpal bone**, metacarpus skeleton, metacarpus region, manual digit metacarpus endochondral element, manual digit metacarpus cartilage element, manual digit metacarpus pre-cartilage condensation |
| NO | pelvic fin radial element, basipterygium cartilage, pelvic radial cartilage, puboischiadic bar, pelvic fin radial skeleton, basipterygium element |
| NO | manual digit 8, manual digit 6, manual digit 6 plus metapodial segment, manual digit 7, manual digit 8 plus metapodial segment, manual digit 7 plus metapodial segment |
| N/A | metatarsus skeleton, pedal digit metatarsal pre-cartilage condensation, metatarsus region, pedal digit metatarsal endochondral element, pedal digit metatarsal cartilage element, **metatarsal bone** |
| NO | pedal digit 8, pedal digit 7, pedal digit 6, pedal digit 6 plus metapodial segment, pedal digit 8 plus metapodial segment, pedal digit 7 plus metapodial segment |
| NO | manual digit 4 phalanx pre-cartilage condensation, distal phalanx of manual digit 4, manual digit 4 phalanx, manual digit 4 phalanx cartilage element, manual digit 4 phalanx endochondral element |
| NO | manual digit 2 phalanx cartilage element, manual digit 2 phalanx endochondral element, proximal phalanx of manual digit 2, manual digit 2 phalanx pre-cartilage condensation, manual digit 2 phalanx |
| N/A | pedal digit phalanx cartilage element, **skeleton of pedal acropodium**, phalanx of pes, pedal digit phalanx endochondral element, pedal digit phalanx pre-cartilage condensation |
| NO | upper leg mesenchyme, femur endochondral element, femur pre-cartilage condensation, femur cartilage element, upper leg bone |
| NO | proximal phalanx of manual digit 3, middle phalanx of manus, middle phalanx of manual digit 2, middle phalanx of manual digit 3 |
| NO | nail of pedal digit, dorsal skin of toe, nail of pedal digit 1, pedal digit skin |
| NO | manual digit phalanx endochondral element, manual digit phalanx cartilage element, phalanx of manus, manual digit phalanx pre-cartilage condensation |
| NO | pedal digit 2 phalanx endochondral element, pedal digit 2 phalanx pre-cartilage condensation, pedal digit 2 phalanx cartilage element, pedal digit 2 phalanx |
| NO | manual digit 3 phalanx, manual digit 3 phalanx pre-cartilage condensation, manual digit 3 phalanx endochondral element, manual digit 3 phalanx cartilage element |
| NO | tibiotarsus endochondral element, tibiotarsus, tibiotarsus pre-cartilage condensation, tibiotarsus cartilage element |
| NO | hindlimb bone pre-cartilage condensation, hindlimb mesenchyme, hindlimb bone, hindlimb cartilage element |
| NO | manual digit 1 phalanx endochondral element, manual digit 1 phalanx cartilage element, manual digit 1 phalanx pre-cartilage condensation, manual digit 1 phalanx |
| N/A | **ischium**, ischial pre-cartilage condensation, ischial cartilage element, ischial endochondral element |
| NO | tarsometatarsus pre-cartilage condensation, tarsometatarsus cartilage element, tarsometatarsus, tarsometatarsus endochondral element |
| N/A | **metatarsal bone of digit 4**, pedal digit 4 metatarsal pre-cartilage condensation, pedal digit 4 metatarsal endochondral element, pedal digit 4 metatarsal cartilage element |
| NO | pedal digit 3 metatarsal endochondral element, pedal digit 3 metatarsal pre-cartilage condensation, pedal digit 3 metatarsal cartilage element, metatarsal bone of digit 3 |
| NO | pedal digit 4 phalanx pre-cartilage condensation, pedal digit 4 phalanx, pedal digit 4 phalanx cartilage element, pedal digit 4 phalanx endochondral element |
| NO | manual digit 3 metacarpus cartilage element, metacarpal bone of digit 3, manual digit 3 metacarpus pre-cartilage condensation, manual digit 3 metacarpus endochondral element |
| NO | pedal digit 3 phalanx endochondral element, pedal digit 3 phalanx, pedal digit 3 phalanx cartilage element, pedal digit 3 phalanx pre-cartilage condensation |
| NO | nail, dorsal skin of digit, distal limb integumentary appendage, digit skin |
| NO | distal segment of digit, distal interphalangeal joint, distal phalanx, interphalangeal joint |
| NO | pedal digit 1 phalanx cartilage element, pedal digit 1 phalanx pre-cartilage condensation, pedal digit 1 phalanx, pedal digit 1 phalanx endochondral element |
| NO | pedal digit 5 phalanx cartilage element, pedal digit 5 phalanx pre-cartilage condensation, pedal digit 5 phalanx endochondral element |
| YES | pedal digit 2, pedal digit 2 plus metapodial segment, pedal digit 2 digitopodial skeleton |
| NO | proximal tarsal endochondral element, proximal tarsal bone pre-cartilage condensation, proximal tarsal cartilage |
| NO | calcaneum endochondral element, calcaneum cartilage element, calcaneum pre-cartilage condensation |
| N/A | **manual digit 6 digitopodial skeleton, manual digit 8 digitopodial skeleton, manual digit 7 digitopodial skeleton** |
| NO | distal tarsal bone 4 cartilage, distal tarsal bone 4 endochondral element, distal tarsal bone 4 pre-cartilage condensation |
| YES | pedal digit, pedal digit digitopodial skeleton, pedal digit plus metapodial segment |
| YES | digit 2 digitopodial skeleton, digit 2, digit 2 plus metapodial segment |
| YES | pedal digit 5, pedal digit 5 digitopodial skeleton, pedal digit 5 plus metapodial segment |
| NO | distal tarsal bone 1 pre-cartilage condensation, distal tarsal bone 1 endochondral element, distal tarsal bone 1 cartilage |
| NO | hindlimb zeugopod bone, hindlimb zeugopod skeleton, hindlimb zeugopod |
| NO | pubic pre-cartilage condensation, pubic endochondral element, pubic cartilage element |
| NO | hindlimb skin, skin of sole of pes, skin of pes |
| YES | manual digit 3 plus metapodial segment, manual digit 3 digitopodial skeleton, manual digit 3 |
| YES | digit 4, digit 4 digitopodial skeleton, digit 4 plus metapodial segment |
| NO | pedal digit 5 metatarsal cartilage element, pedal digit 5 metatarsal pre-cartilage condensation, pedal digit 5 metatarsal endochondral element |
| NO | distal tarsal bone pre-cartilage condensation, distal tarsal cartilage, distal tarsal endochondral element |
| NO | manual digit 1 metacarpus pre-cartilage condensation, manual digit 1 metacarpus endochondral element, manual digit 1 metacarpus cartilage element |
| NO | middle phalanx, middle phalanx of digit 2, middle phalanx of digit 3 |
| NO | mesenchyme of tarsal region, tarsus pre-cartilage condensation, tarsus cartilage element |
| NO | fibula cartilage element, fibula endochondral element, fibula pre-cartilage condensation |
| NO | pedal digit 2 metatarsal pre-cartilage condensation, pedal digit 2 metatarsal cartilage element, pedal digit 2 metatarsal endochondral element |
| NO | distal tarsal bone 5 cartilage, distal tarsal bone 5 pre-cartilage condensation, distal tarsal bone 5 endochondral element |
| YES | manual digit 1 digitopodial skeleton, manual digit 1, manual digit 1 plus metapodial segment |
| YES | pedal digit 1 digitopodial skeleton, pedal digit 1 plus metapodial segment, pedal digit 1 |
| YES | pedal digit 4 plus metapodial segment, pedal digit 4, pedal digit 4 digitopodial skeleton |
| NO | metapodial skeleton, metapodium region, metapodium bone |
| NO | iliac endochondral element, iliac pre-cartilage condensation, iliac cartilage element |
| YES | manual digit 2 plus metapodial segment, manual digit 2 digitopodial skeleton, manual digit 2 |
| YES | pedal digit 3, pedal digit 3 digitopodial skeleton, pedal digit 3 plus metapodial segment |
| NO | manual digit 2 metacarpus pre-cartilage condensation, manual digit 2 metacarpus endochondral element, manual digit 2 metacarpus cartilage element |
| YES | digit 3 plus metapodial segment, digit 3 digitopodial skeleton, digit 3 |
| NO | distal tarsal bone 3 endochondral element, distal tarsal bone 3 cartilage, distal tarsal bone 3 pre-cartilage condensation |
| YES | digit 5 digitopodial skeleton, digit 5 plus metapodial segment, digit 5 |
| NO | lower limb segment, hindlimb, hindlimb skeleton |
| NO | pedal digit 1 metatarsal cartilage element, pedal digit 1 metatarsal endochondral element, pedal digit 1 metatarsal pre-cartilage condensation |
| NO | manual digit 4 metacarpus endochondral element, manual digit 4 metacarpus pre-cartilage condensation, manual digit 4 metacarpus cartilage element |
| YES | manual digit 4 digitopodial skeleton, manual digit 4, manual digit 4 plus metapodial segment |
| YES | manual digit plus metapodial segment, manual digit, manual digit digitopodial skeleton |
| NO | manual digit 5 metacarpus endochondral element, manual digit 5 metacarpus cartilage element, manual digit 5 metacarpus pre-cartilage condensation |
| NO | distal tarsal bone 2 pre-cartilage condensation, distal tarsal bone 2 cartilage, distal tarsal bone 2 endochondral element |
| NO | tibia cartilage element, tibia endochondral element, tibia pre-cartilage condensation |
| N/A | **pedal digit 8 digitopodial skeleton, pedal digit 6 digitopodial skeleton, pedal digit 7 digitopodial skeleton** |
| YES | digit 1 digitopodial skeleton, digit 1 plus metapodial segment, digit 1 |
| NO | pes joint, tarsometatarsal joint |
| NO | crurotarsal joint, tibiotalar joint |
| N/A | **pelvic fin**, pelvic fin skeleton |
| NO | inner digits of hand, outer digit of hand |
| NO | epiphysis of third metatarsal bone, proximal epiphysis of third metatarsal bone |
| YES | pes, skeleton of pes |
| NO | epiphysis of metatarsal bone, proximal epiphysis of metatarsal bone |
| YES | alular digit digitopodial skeleton, alular digit plus metapodial segment |
| NO | condyle of femur, distal epiphysis of femur |
| NO | acetabular rim, cotyloid notch |
| NO | proximal epiphysis of radius, epiphysis of radius |
| YES | pelvic appendage skeleton, pelvic appendage |
| N/A | **process 4, process 3** |
| NO | knee, patella |
| YES | manual digit 5, manual digit 5 plus metapodial segment |
| NO | proximal epiphysis of metacarpal bone, epiphysis of metacarpal bone |
| NO | epiphysis of ulna, proximal epiphysis of ulna |
| YES | tarsal skeleton, tarsal region |
| NO | anterior distal condyle of femur, posterior distal condyle of femur |
| NO | metaphysis of femur, proximal metaphysis of femur |

**Supplementary Table 5.** Taxon sampling. The number of source matrices/publications (right-most column) from which taxa (VTO identifier number, left-most column) at various taxonomic ranks, were sampled.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| VTO identifier | Taxon level | Taxon name | | | Pubs. |
| <http://purl.obolibrary.org/obo/VTO\_9001676> | family | Lagerpetidae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9019861> | family | Procolophonidae | | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9004857> | family | Compsognathidae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004906> | family | Dromaeosauridae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9006269> | family | Proterosuchidae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9017472> | family | Plagiosauridae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9005597> | family | Heterodontosauridae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9005686> | family | Trematopidae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9006231> | family | Proterochampsidae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9006311> | family | Amphibamidae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0001480> | family | Sirenidae | |  | 5 |
| <http://purl.obolibrary.org/obo/VTO\_0001489> | family | Ambystomatidae | | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0001538> | family | Amphiumidae | | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0001543> | family | Proteidae | | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_0001560> | family | Plethodontidae | | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0002125> | family | Hynobiidae | |  | 5 |
| <http://purl.obolibrary.org/obo/VTO\_0002204> | family | Cryptobranchidae | | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0002416> | family | Pipidae | |  | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0007889> | family | Ichthyophiidae | | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0008057> | family | Rhinatrematidae | | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9017322> | family | Mastodonsauridae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9023997> | family | Morganucodontidae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9007550> | family | Baphetidae | |  | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9009664> | family | Osteolepidae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9021172> | family | Brachystelechidae | | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9016899> | family | Micromelerpetontidae | | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9006249> | family | Erythrosuchidae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9017046> | family | Branchiosauridae | | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9017404> | family | Tritylodontidae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9019051> | family | Captorhinidae | | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9001211> | family | Albanerpetontidae | | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9019188> | family | Discoglossidae | | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9016925> | family | Zatracheidae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9016427> | family | Colosteidae | |  | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9016960> | family | Rhinesuchidae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9017341> | family | Rhytidosteidae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9017512> | family | Trematosauridae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9020539> | family | Gephyrostegidae | | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9031049> | family | Whatcheeriidae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9021331> | family | Adelogyrinidae | | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9030627> | family | Triadobatrachidae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004596> | genus | *Astylosternus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004602> | genus | *Arthroleptis* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004637> | genus | *Leptopelis* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004653> | genus | *Cardioglossa* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004665> | genus | *Phlyctimantis* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004670> | genus | *Hyperolius* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004743> | genus | *Kassina* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004752> | genus | *Afrixalus* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004983> | genus | *Phrynomantis* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005305> | genus | *Rhinoderma* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005364> | genus | *Odontophrynus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002505> | genus | *Leptobrachium* | | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0002607> | genus | *Megophrys* | |  | 4 |
| <http://purl.obolibrary.org/obo/VTO\_0002625> | genus | *Pelodytes* | |  | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0002634> | genus | *Spea* | |  | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0002639> | genus | *Pelobates* | |  | 5 |
| <http://purl.obolibrary.org/obo/VTO\_0002644> | genus | *Scaphiopus* | |  | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0002649> | genus | *Leiopelma* | |  | 4 |
| <http://purl.obolibrary.org/obo/VTO\_0002655> | genus | *Bombina* | |  | 6 |
| <http://purl.obolibrary.org/obo/VTO\_0002665> | genus | *Barbourula* | |  | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0002669> | genus | *Ascaphus* | |  | 4 |
| <http://purl.obolibrary.org/obo/VTO\_0005511> | genus | *Allophryne* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005803> | genus | *Physalaemus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005829> | genus | *Pleurodema* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006521> | genus | *Phyllomedusa* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006613> | genus | *Hypsiboas* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006676> | genus | *Dendropsophus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006733> | genus | *Scinax* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006777> | genus | *Pseudis* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006883> | genus | *Isthmohyla* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006916> | genus | *Hyla* | |  | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0007300> | genus | *Bufo* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007329> | genus | *Melanophryniscus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0030699> | genus | *Anas* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0033614> | genus | *Neoceratodus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0033619> | genus | *Latimeria* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081091> | genus | *Liaoxitriton* | |  | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0081095> | genus | *Marmorerpeton* | | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0081586> | genus | *Singidella* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081591> | genus | *Pachycentrata* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081593> | genus | *Eoxenopoides* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081601> | genus | *Llankibatrachus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081602> | genus | *Saltenia* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081693> | genus | *Pliobatrachus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082142> | genus | *Cordicephalus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082942> | genus | *Cratia* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9001389> | genus | *Uronemus* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004078> | genus | *Cathayornis* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9008365> | genus | *Rhizodus* | |  | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9010139> | genus | *Dimetrodon* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9016994> | genus | *Edops* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9020355> | genus | *Sauropleura* | |  | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9020357> | genus | *Ptyonius* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9022804> | genus | *Strepsodus* | |  | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9033736> | genus | *Holoptychius* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9010144> | genus | *Edaphosaurus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9010969> | genus | *Chirodipterus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9012954> | genus | *Enaliornis* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9020581> | genus | *Seymouria* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9022956> | genus | *Barameda* | | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9004049> | genus | *Rhizodopsis* | | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9005336> | genus | *Ophiacodon* | |  | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9012983> | genus | *Hesperornis* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9017328> | genus | *Mastodonsaurus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9020399> | genus | *Cardiocephalus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9006420> | genus | *Megalichthys* | | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9017495> | genus | *Dvinosaurus* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0001533> | genus | *Rhyacotriton* | | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0001555> | genus | *Dicamptodon* | | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0001999> | genus | *Salamandra* | |  | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0002414> | genus | *Rhinophrynus* | | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_0002418> | genus | *Xenopus* | |  | 7 |
| <http://purl.obolibrary.org/obo/VTO\_0002487> | genus | *Hymenochirus* | | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0002492> | genus | *Pipa* | |  | 5 |
| <http://purl.obolibrary.org/obo/VTO\_0007620> | genus | *Leptodactylus* | | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0007744> | genus | *Ceratophrys* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007750> | genus | *Lepidobatrachus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007754> | genus | *Hemiphractus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007760> | genus | *Flectonotus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007830> | genus | *Discoglossus* | | | 7 |
| <http://purl.obolibrary.org/obo/VTO\_0007837> | genus | *Alytes* | |  | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0002858> | genus | *Hylarana* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003176> | genus | *Hoplobatrachus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003314> | genus | *Ptychadena* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003364> | genus | *Conraua* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003370> | genus | *Aubria* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003391> | genus | *Amietia* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003442> | genus | *Phrynobatrachus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003626> | genus | *Chiromantis* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004521> | genus | *Mixophyes* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004559> | genus | *Heleioporus* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004569> | genus | *Telmatobufo* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0084108> | genus | *Palaeobatrachus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0084118> | genus | *Eopelobates* | |  | 4 |
| <http://purl.obolibrary.org/obo/VTO\_0084130> | genus | *Eodiscoglossus* | | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0084210> | genus | *Batrachophrynus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0084215> | genus | *Chelomophrynus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9000666> | genus | *Brachydectes* | | | 6 |
| <http://purl.obolibrary.org/obo/VTO\_9010115> | genus | *Biarmosuchus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9010133> | genus | *Sphenacodon* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9010160> | genus | *Casea* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9010565> | genus | *Batrachosuchus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9011140> | genus | *Ectosteorhachis* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9016583> | genus | *Trimerorhachis* | | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9017041> | genus | *Tersomius* | |  | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9019053> | genus | *Captorhinus* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9010782> | genus | *Uranolophus* | | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9010794> | genus | *Griphognathus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9010803> | genus | *Dipterus* | |  | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9010964> | genus | *Diabolepis* | |  | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9010965> | genus | *Dipnorhynchus* | | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9011119> | genus | *Glyptolepis* | |  | 7 |
| <http://purl.obolibrary.org/obo/VTO\_9011134> | genus | *Diplocercides* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9019633> | genus | *Rhombomylus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9007375> | genus | *Phaneropleuron* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9017399> | genus | *Exaeretodon* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9008340> | genus | *Glyptopomus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9008342> | genus | *Gyroptychius* | | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9008350> | genus | *Onychodus* | |  | 6 |
| <http://purl.obolibrary.org/obo/VTO\_9008372> | genus | *Powichthys* | |  | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9008373> | genus | *Porolepis* | |  | 6 |
| <http://purl.obolibrary.org/obo/VTO\_9008377> | genus | *Osteolepis* | |  | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9008383> | genus | *Youngolepis* | |  | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9008395> | genus | *Strunius* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9006349> | genus | *Trilophosaurus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9007710> | genus | *Hesperosuchus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9016432> | genus | *Baphetes* | |  | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9016587> | genus | *Dendrerpeton* | | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9017455> | genus | *Pholiderpeton* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9017456> | genus | *Archeria* | |  | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9020415> | genus | *Tuditanus* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9021333> | genus | *Adelospondylus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9020347> | genus | *Diadectes* | |  | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9020561> | genus | *Limnoscelis* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9015174> | genus | *Thomashuxleya* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9015714> | genus | *Silurana* | |  | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9016903> | genus | *Doleserpeton* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9016937> | genus | *Platyoposaurus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9016998> | genus | *Cheliderpeton* | | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9017007> | genus | *Eryops* | |  | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9017436> | genus | *Eogyrinus* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9017467> | genus | *Pelorocephalus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9017717> | genus | *Thoosuchus* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9017726> | genus | *Benthosuchus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9017736> | genus | *Peltobatrachus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9017829> | genus | *Procynosuchus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9019191> | genus | *Notobatrachus* | | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9020527> | genus | *Utegenia* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9020545> | genus | *Ariekanerpeton* | | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9021132> | genus | *Psarolepis* | |  | 6 |
| <http://purl.obolibrary.org/obo/VTO\_9021204> | genus | *Sparodus* | |  | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9022020> | genus | *Densignathus* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9022795> | genus | *Screbinodus* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9022802> | genus | *Medoevia* | |  | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9022990> | genus | *Aztecia* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9022994> | genus | *Gooloogongia* | | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9023922> | genus | *Protolipterna* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9026225> | genus | *Elpistostege* | |  | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9026226> | genus | *Beelarongia* | |  | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9026879> | genus | *Speonesydrion* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9031588> | genus | *Kenichthys* | |  | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9032360> | genus | *Eusthenodon* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9032995> | genus | *Platycephalichthys* | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9033408> | genus | *Styloichthys* | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0033592> | infraclass | Dipnoi | |  | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9022471> | infraorder | Ornithomimosauria | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0001464> | No rank | Sarcopterygii | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0001465> | No rank | Tetrapoda | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004227> | No rank | Microsauria | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9005116> | No rank | Pseudosuchia | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9010240> | No rank | Therocephalia | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9021571> | No rank | Dinosauromorpha | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9003258> | No rank | Urodela | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9022464> | No rank | Maniraptora | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9030428> | No rank | Silesauridae | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004696> | No rank | Sauropodiformes | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9010171> | No rank | Dicynodontia | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9022943> | No rank | Lepidosauromorpha | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9022752> | No rank | Synapsida | |  | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9021502> | No rank | Araeoscelidia | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9027666> | No rank | Biarmosuchia | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9028450> | No rank | Nectridea | |  | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9023112> | No rank | Ornithosuchia | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9034557> | No rank | Genasauria | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0033071> | order | Testudines | |  | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9006350> | order | Rhynchosauria | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0001468> | order | Caudata | |  | 6 |
| <http://purl.obolibrary.org/obo/VTO\_0002210> | order | Anura | |  | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9031593> | order | Choristodera | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9006134> | order | Protorosauria | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9021312> | order | Lysorophia |  | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0004582> | species | *Sooglossus* | *sechellensis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0004591> | species | *Scotobleps* | *gabonicus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004598> | species | *Astylosternus* | *diadematus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0004601> | species | *Trichobatrachus* | *robustus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004604> | species | *Arthroleptis* | *sylvaticus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0004605> | species | *Arthroleptis* | *schubotzi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004612> | species | *Arthroleptis* | *variabilis* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0004624> | species | *Arthroleptis* | *stenodactylus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004629> | species | *Arthroleptis* | *poecilonotus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004634> | species | *Arthroleptis* | *adolfifriederici* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0004636> | species | *Nyctibates* | *corrugatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004638> | species | *Leptopelis* | *bocagii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004643> | species | *Leptopelis* | *vermiculatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004644> | species | *Leptopelis* | *karissimbensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004646> | species | *Leptopelis* | *brevirostris* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004649> | species | *Leptopelis* | *kivuensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004650> | species | *Leptopelis* | *natalensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004652> | species | *Leptopelis* | *modestus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004662> | species | *Cardioglossa* | *gracilis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004663> | species | *Cardioglossa* | *leucomystax* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004666> | species | *Phlyctimantis* | *leonardi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004667> | species | *Phlyctimantis* | *verrucosus* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0004669> | species | *Tachycnemis* | *seychellensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004679> | species | *Hyperolius* | *picturatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004691> | species | *Hyperolius* | *montanus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004693> | species | *Hyperolius* | *phantasticus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004699> | species | *Hyperolius* | *viridiflavus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004702> | species | *Hyperolius* | *argus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004703> | species | *Hyperolius* | *marmoratus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004712> | species | *Hyperolius* | *pusillus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004716> | species | *Hyperolius* | *nasutus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004722> | species | *Hyperolius* | *castaneus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0004739> | species | *Hyperolius* | *kivuensis* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0004742> | species | *Hyperolius* | *tuberilinguis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004744> | species | *Kassina* | *maculata* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004745> | species | *Kassina* | *senegalensis* | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_0004747> | species | *Cryptothylax* | *greshoffii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004758> | species | *Afrixalus* | *fornasini* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0004763> | species | *Afrixalus* | *dorsalis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004767> | species | *Acanthixalus* | *spinosus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004771> | species | *Heterixalus* | *rutenbergi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004782> | species | *Heterixalus* | *madagascariensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004784> | species | *Opisthothylax* | *immaculatus* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0004786> | species | *Semnodactylus* | *wealii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004819> | species | *Breviceps* | *mossambicus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004853> | species | *Hemisus* | *marmoratus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004975> | species | *Dyscophus* | *antongilii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004987> | species | *Phrynomantis* | *bifasciatus* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0005064> | species | *Ramanella* | *variegata* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005157> | species | *Cophixalus* | *cryptotympanum* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005257> | species | *Dermatonotus* | *muelleri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005301> | species | *Cycloramphus* | *fuliginosus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005304> | species | *Cycloramphus* | *boraceiensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005306> | species | *Rhinoderma* | *darwinii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005308> | species | *Zachaenus* | *parvulus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005317> | species | *Eupsophus* | *calcaratus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005321> | species | *Eupsophus* | *roseus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005328> | species | *Proceratophrys* | *boiei* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005349> | species | *Alsodes* | *gargola* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005367> | species | *Odontophrynus* | *americanus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0005372> | species | *Thoropa* | *miliaris* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0002497> | species | *Pseudhymenochirus* | *merlini* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0002510> | species | *Leptobrachium* | *hasseltii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002590> | species | *Xenophrys* | *aceras* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0002619> | species | *Scutiger* | *mammatus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0002629> | species | *Pelodytes* | *punctatus* | | 6 |
| <http://purl.obolibrary.org/obo/VTO\_0002635> | species | *Spea* | *multiplicata* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0002636> | species | *Spea* | *hammondii* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0002637> | species | *Spea* | *bombifrons* | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_0002638> | species | *Spea* | *intermontana* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0002640> | species | *Pelobates* | *fuscus* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0002641> | species | *Pelobates* | *cultripes* | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_0002642> | species | *Pelobates* | *varaldii* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0002643> | species | *Pelobates* | *syriacus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0002645> | species | *Scaphiopus* | *hurterii* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0002646> | species | *Scaphiopus* | *couchii* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_0002647> | species | *Scaphiopus* | *holbrookii* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0002651> | species | *Leiopelma* | *hochstetteri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002656> | species | *Bombina* | *orientalis* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0002658> | species | *Bombina* | *bombina* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002659> | species | *Bombina* | *variegata* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0002662> | species | *Bombina* | *maxima* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002666> | species | *Barbourula* | *busuangensis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0002670> | species | *Ascaphus* | *truei* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0002688> | species | *Platymantis* | *papuensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002690> | species | *Platymantis* | *corrugatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002695> | species | *Batrachylodes* | *vertebralis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005513> | species | *Allophryne* | *ruthveni* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005540> | species | *Oreobates* | *quixensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005682> | species | *Pristimantis* | *fenestratus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005806> | species | *Physalaemus* | *cuvieri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005812> | species | *Physalaemus* | *biligonigerus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005831> | species | *Pleurodema* | *bufoninum* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005844> | species | *Pleurodema* | *cinereum* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005853> | species | *Engystomops* | *pustulosus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005863> | species | *Heleophryne* | *purcelli* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005866> | species | *Hadromophryne* | *natalensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0005904> | species | *Allobates* | *talamancae* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006033> | species | *Colostethus* | *inguinalis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006418> | species | *Litoria* | *infrafrenata* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006445> | species | *Litoria* | *lesueurii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006497> | species | *Cyclorana* | *australis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006528> | species | *Phyllomedusa* | *sauvagii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006656> | species | *Hypsiboas* | *riojanus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0006671> | species | *Hypsiboas* | *lanciformis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0006727> | species | *Dendropsophus* | *nanus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006773> | species | *Scinax* | *fuscovarius* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006775> | species | *Scinax* | *nasicus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006787> | species | *Pseudis* | *paradoxa* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006847> | species | *Osteopilus* | *septentrionalis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006867> | species | *Triprion* | *petasatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0006887> | species | *Isthmohyla* | *rivularis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007065> | species | *Hylodes* | *phyllodes* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007066> | species | *Hylodes* | *perplicatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007067> | species | *Hylodes* | *sazimai* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007068> | species | *Hylodes* | *meridionalis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007069> | species | *Hylodes* | *ornatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007070> | species | *Hylodes* | *dactylocinus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007071> | species | *Hylodes* | *nasus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0007073> | species | *Megaelosia* | *goeldii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007075> | species | *Crossodactylus* | *caramaschii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007078> | species | *Crossodactylus* | *schmidti* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007087> | species | *Schismaderma* | *carens* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007123> | species | *Duttaphrynus* | *melanostictus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007162> | species | *Incilius* | *coccifer* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007166> | species | *Incilius* | *valliceps* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007173> | species | *Incilius* | *coniferus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007184> | species | *Incilius* | *luetkenii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007185> | species | *Incilius* | *alvarius* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007194> | species | *Ingerophrynus* | *macrotis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007207> | species | *Amietophrynus* | *regularis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007210> | species | *Amietophrynus* | *maculatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007211> | species | *Amietophrynus* | *pardalis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007214> | species | *Amietophrynus* | *xeros* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007236> | species | *Rhaebo* | *nasicus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007237> | species | *Rhaebo* | *haematiticus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007238> | species | *Rhaebo* | *guttatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007246> | species | *Peltophryne* | *lemur* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007256> | species | *Pseudepidalea* | *viridis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007290> | species | *Nannophryne* | *variegata* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0007291> | species | *Nannophryne* | *cophotis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007293> | species | *Pedostibes* | *hosii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007309> | species | *Bufo* | *bufo* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007335> | species | *Melanophryniscus* | *rubriventris* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007337> | species | *Melanophryniscus* | *stelzneri* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0007349> | species | *Osornophryne* | *bufoniformis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007359> | species | *Anaxyrus* | *americanus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007362> | species | *Anaxyrus* | *fowleri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007366> | species | *Anaxyrus* | *terrestris* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007370> | species | *Anaxyrus* | *punctatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007371> | species | *Anaxyrus* | *quercicus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007375> | species | *Anaxyrus* | *woodhousii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007377> | species | *Anaxyrus* | *cognatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007378> | species | *Anaxyrus* | *debilis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007379> | species | *Anaxyrus* | *exsul* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007380> | species | *Anaxyrus* | *boreas* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007384> | species | *Phrynoidis* | *juxtaspera* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007428> | species | *Rhinella* | *atacamensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007430> | species | *Rhinella* | *limensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007432> | species | *Rhinella* | *humboldti* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007433> | species | *Rhinella* | *arunco* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007434> | species | *Rhinella* | *veraguensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007436> | species | *Rhinella* | *schneideri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007437> | species | *Rhinella* | *vellardi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007439> | species | *Rhinella* | *marina* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007440> | species | *Rhinella* | *ocellata* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007441> | species | *Rhinella* | *poeppigii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0011674> | species | *Lemur* | *catta* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0011993> | species | *Homo* | *sapiens* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0012076> | species | *Saimiri* | *sciureus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0012203> | species | *Tarsius* | *syrichta* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0012274> | species | *Oryctolagus* | *cuniculus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0012605> | species | *Cavia* | *porcellus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0012970> | species | *Castor* | *canadensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0013012> | species | *Spermophilus* | *tridecemlineatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0014927> | species | *Rattus* | *norvegicus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0015229> | species | *Didelphis* | *virginiana* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0015257> | species | *Dromiciops* | *gliroides* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0015581> | species | *Ornithorhynchus* | *anatinus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0015584> | species | *Tachyglossus* | *aculeatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0022386> | species | *Tyrannosaurus* | *rex* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0031728> | species | *Gallus* | *gallus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0033069> | species | *Alligator* | *mississippiensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081294> | species | *Rhinella* | *amabilis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081320> | species | *Rhinella* | *rubropunctata* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081339> | species | *Truebella* | *tothastes* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081340> | species | *Truebella* | *skoptes* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081407> | species | *Rhaebo* | *blombergi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081411> | species | *Rhaebo* | *caeruleostictus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0081436> | species | *Nannophryne* | *corynetes* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081569> | species | *Phrynoidis* | *aspera* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081587> | species | *Xenopus* | *tropicalis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081590> | species | *Xenopus* | *epitropicalis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081596> | species | *Pipa* | *arrabali* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081597> | species | *Pipa* | *myersi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081599> | species | *Pipa* | *snethlageae* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081625> | species | *Hylodes* | *asper* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081632> | species | *Hylodes* | *lateristrigatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081645> | species | *Crossodactylus* | *gaudichaudii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081646> | species | *Crossodactylus* | *dantei* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081651> | species | *Thoropa* | *lutzi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081691> | species | *Cycloramphus* | *semipalmatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081694> | species | *Agalychnis* | *lemur* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0081703> | species | *Phyllomedusa* | *vaillantii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082180> | species | *Phrynobatrachus* | *sulfureogularis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082241> | species | *Megophrys* | *montana* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0082560> | species | *Pristimantis* | *huicundo* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082673> | species | *Ptychadena* | *uzungwensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082676> | species | *Ptychadena* | *chrysogaster* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082841> | species | *Arthroleptis* | *phrynoides* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082846> | species | *Arthroleptis* | *lameerei* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082861> | species | *Leptodactylodon* | *ventrimarmoratus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082877> | species | *Leptopelis* | *viridis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082878> | species | *Leptopelis* | *macrotis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082884> | species | *Leptopelis* | *boulengeri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082894> | species | *Leptopelis* | *notatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082896> | species | *Leptopelis* | *spiritusnoctis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082900> | species | *Leptopelis* | *christyi* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0082901> | species | *Leptopelis* | *mossambicus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082907> | species | *Cardioglossa* | *cyaneospila* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082912> | species | *Cardioglossa* | *escalerae* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082944> | species | *Nothophryne* | *broadleyi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082948> | species | *Anhydrophryne* | *hewitti* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082960> | species | *Ericabatrachus* | *baleensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082973> | species | *Kassina* | *maculifer* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082974> | species | *Kassina* | *decorata* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082975> | species | *Kassina* | *kuvangensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082982> | species | *Kassina* | *mertensi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082983> | species | *Kassina* | *cochranae* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082984> | species | *Kassina* | *cassinoides* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082985> | species | *Kassina* | *fusca* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082986> | species | *Kassina* | *lamottei* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082990> | species | *Chrysobatrachus* | *cupreonitens* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082993> | species | *Kassinula* | *wittei* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082997> | species | *Callixalus* | *pictus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0082998> | species | *Afrixalus* | *quadrivittatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0083011> | species | *Afrixalus* | *osorioi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0083018> | species | *Afrixalus* | *septentrionalis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0083019> | species | *Afrixalus* | *fulvovittatus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0083022> | species | *Afrixalus* | *nigeriensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0083058> | species | *Hyperolius* | *balfouri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0083096> | species | *Hyperolius* | *parallelus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0083113> | species | *Paracassina* | *kounhiensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0083114> | species | *Paracassina* | *obscura* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9001329> | species | *Euryodus* | *dalyae* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9001330> | species | *Hyloplesion* | *longicostatum* | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9001336> | species | *Odonterpeton* | *triangulare* | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9001337> | species | *Ptyonius* | *marshi* | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9001339> | species | *Microbrachis* | *pelikani* | | 6 |
| <http://purl.obolibrary.org/obo/VTO\_9001341> | species | *Lepterpeton* | *dobbsii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9001345> | species | *Saxonerpeton* | *geinitzi* | | 6 |
| <http://purl.obolibrary.org/obo/VTO\_9001346> | species | *Sauropleura* | *scalaris* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9001347> | species | *Sauropleura* | *bairdi* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9001353> | species | *Rhynchonkos* | *stovalli* | | 9 |
| <http://purl.obolibrary.org/obo/VTO\_9001357> | species | *Almasaurus* | *habbazi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9001618> | species | *Moeritherium* | *lyonsi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9001644> | species | *Rapaxavis* | *pani* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9001772> | species | *Ukhaatherium* | *nessovi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9001875> | species | *Edops* | *craigi* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9001958> | species | *Mesenosaurus* | *romeri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9002114> | species | *Cordicephalus* | *gracilis* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9002117> | species | *Thoraciliacus* | *rostriceps* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9002148> | species | *Pucadelphys* | *andinus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9002397> | species | *Barameda* | *decipiens* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9002428> | species | *Pachycentrata* | *taqueti* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9002430> | species | *Llankibatrachus* | *truebae* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9002442> | species | *Singidella* | *latecostata* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9002454> | species | *Shelania* | *laurenti* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9002455> | species | *Shelania* | *pascuali* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9002549> | species | *Watongia* | *meieri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9002593> | species | *Calyptocephalella* | *gayi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9002594> | species | *Protorothyris* | *archeri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9002730> | species | *Mesosuchus* | *browni* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9002783> | species | *Hapalops* | *elongatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9002982> | species | *Chunerpeton* | *tianyiensis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9003126> | species | *Callobatrachus* | *sanyanensis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9003160> | species | *Liaoningornis* | *longidigitris* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9003199> | species | *Silesaurus* | *opolensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9003242> | species | *Isodectes* | *obtusus* | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9003267> | species | *Otogornis* | *genghisi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9003293> | species | *Seymouria* | *baylorensis* | | 7 |
| <http://purl.obolibrary.org/obo/VTO\_9003301> | species | *Xiongguanlong* | *baimoensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9003389> | species | *Diplocaulus* | *magnicornis* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9003390> | species | *Acheloma* | *cumminsi* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9003391> | species | *Dromomeron* | *romeri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9003401> | species | *Paramys* | *delicatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9003530> | species | *Dromomeron* | *gregorii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9003564> | species | *Eoalulavis* | *hoyasi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9003677> | species | *Iberomesornis* | *romerali* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004077> | species | *Eocathayornis* | *walkeri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004083> | species | *Chaoyangia* | *beishanensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004085> | species | *Eoconfuciusornis* | *zhengi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004091> | species | *Longipteryx* | *chaoyangensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004112> | species | *Proterogyrinus* | *scheelei* | | 11 |
| <http://purl.obolibrary.org/obo/VTO\_9004123> | species | *Archaeorhynchus* | *spathula* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004135> | species | *Ambiortus* | *dementjevi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004204> | species | *Rhadinosteus* | *parvus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004231> | species | *Parahesperornis* | *alexi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004238> | species | *Llistrofus* | *pricei* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9004239> | species | *Cardiocephalus* | *peabodyi* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9004249> | species | *Baptornis* | *varneri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004304> | species | *Pseudolagosuchus* | *major* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004370> | species | *Echinerpeton* | *intermedium* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004371> | species | *Luperosaurus* | *kayi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004686> | species | *Eodromaeus* | *murphi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004725> | species | *Angelosaurus* | *dolani* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004726> | species | *Caseopsis* | *agilis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9004865> | species | *Ichthyornis* | *dispar* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9005155> | species | *Dvinosaurus* | *primus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9005202> | species | *Icaronycteris* | *index* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9005238> | species | *Zhangheotherium* | *quinquecuspidens* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9005632> | species | *Sinosauropteryx* | *prima* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9005643> | species | *Velociraptor* | *mongoliensis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9005890> | species | *Zhongornis* | *haoae* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9005999> | species | *Xilousuchus* | *sapingensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9006289> | species | *Protosuchus* | *haughtoni* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9006338> | species | *Kayentasuchus* | *walkeri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9006340> | species | *Litargosuchus* | *leptorhynchus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9006360> | species | *Diademodon* | *tetragonus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9006500> | species | *Batrachotomus* | *kupferzellensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9007300> | species | *Yizhoubatrachus* | *macilentus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0001486> | species | *Siren* | *lacertina* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0001487> | species | *Siren* | *intermedia* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0001515> | species | *Ambystoma* | *tigrinum* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0001531> | species | *Ambystoma* | *californiense* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0001537> | species | *Rhyacotriton* | *kezeri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0001541> | species | *Amphiuma* | *tridactylum* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0001542> | species | *Amphiuma* | *means* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0001551> | species | *Necturus* | *beyeri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0001559> | species | *Dicamptodon* | *aterrimus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0001640> | species | *Aneides* | *flavipunctatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0001660> | species | *Desmognathus* | *ochrophaeus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002102> | species | *Pleurodeles* | *waltl* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002115> | species | *Notophthalmus* | *viridescens* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002138> | species | *Onychodactylus* | *japonicus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002152> | species | *Salamandrella* | *keyserlingii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002164> | species | *Paradactylodon* | *mustersi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002169> | species | *Hynobius* | *nebulosus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002186> | species | *Hynobius* | *leechii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002207> | species | *Andrias* | *davidianus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002209> | species | *Cryptobranchus* | *alleganiensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002415> | species | *Rhinophrynus* | *dorsalis* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0002433> | species | *Xenopus* | *muelleri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002436> | species | *Xenopus* | *fraseri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002475> | species | *Xenopus* | *laevis* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0002477> | species | *Xenopus* | *borealis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002479> | species | *Xenopus* | *clivii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002482> | species | *Xenopus* | *wittei* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002488> | species | *Hymenochirus* | *boettgeri* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0002493> | species | *Pipa* | *pipa* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002494> | species | *Pipa* | *parva* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002495> | species | *Pipa* | *carvalhoi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007446> | species | *Rhinella* | *arequipensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007449> | species | *Rhinella* | *chavin* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007450> | species | *Rhinella* | *margaritifera* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007459> | species | *Rhinella* | *spinulosa* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007470> | species | *Rhinella* | *mirandaribeiroi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007477> | species | *Rhinella* | *granulosa* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0007481> | species | *Rhinella* | *arenarum* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007483> | species | *Rhinella* | *crucifer* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007594> | species | *Lithodytes* | *lineatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007640> | species | *Leptodactylus* | *pentadactylus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007644> | species | *Leptodactylus* | *chaquensis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0007645> | species | *Leptodactylus* | *bufonius* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0007646> | species | *Leptodactylus* | *leptodactyloides* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007647> | species | *Leptodactylus* | *insularum* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007648> | species | *Leptodactylus* | *diedrus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007649> | species | *Leptodactylus* | *silvanimbus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007650> | species | *Leptodactylus* | *riveroi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007657> | species | *Leptodactylus* | *discodactylus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007660> | species | *Leptodactylus* | *knudseni* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007671> | species | *Leptodactylus* | *melanonotus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0007694> | species | *Leptodactylus* | *fuscus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007705> | species | *Batrachyla* | *antartandica* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007743> | species | *Chacophrys* | *pierottii* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0007745> | species | *Ceratophrys* | *cranwelli* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007748> | species | *Ceratophrys* | *ornata* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007749> | species | *Ceratophrys* | *cornuta* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007751> | species | *Lepidobatrachus* | *laevis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0007762> | species | *Flectonotus* | *fitzgeraldi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007814> | species | *Gastrotheca* | *gracilis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0007833> | species | *Discoglossus* | *pictus* | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_0007843> | species | *Alytes* | *obstetricans* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0008000> | species | *Typhlonectes* | *compressicauda* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0008079> | species | *Tamandua* | *tetradactyla* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0008116> | species | *Dasypus* | *novemcinctus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0008138> | species | *Trichechus* | *manatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0008154> | species | *Procavia* | *capensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0008183> | species | *Rhynchocyon* | *cirnei* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0008222> | species | *Echinops* | *telfairi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0008228> | species | *Orycteropus* | *afer* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0008242> | species | *Amblysomus* | *hottentotus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0008268> | species | *Loxodonta* | *africana* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0008511> | species | *Sorex* | *araneus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0008614> | species | *Erinaceus* | *europaeus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0008659> | species | *Solenodon* | *paradoxus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0008705> | species | *Talpa* | *europaea* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0008725> | species | *Manis* | *pentadactyla* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0008902> | species | *Pteropus* | *giganteus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0009582> | species | *Pteronotus* | *parnellii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0009590> | species | *Nycteris* | *thebaica* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0009815> | species | *Myotis* | *lucifugus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0010172> | species | *Rhinopoma* | *hardwickii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0010274> | species | *Saccopteryx* | *bilineata* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0010361> | species | *Equus* | *caballus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0010655> | species | *Canis* | *lupus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0010811> | species | *Felis* | *silvestris* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0010969> | species | *Lama* | *glama* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0011065> | species | *Bos* | *taurus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0011351> | species | *Sus* | *scrofa* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0011379> | species | *Hippopotamus* | *amphibius* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0011432> | species | *Tursiops* | *truncatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0011559> | species | *Caperea* | *marginata* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0011594> | species | *Tupaia* | *glis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0011609> | species | *Ptilocercus* | *lowii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0011618> | species | *Cynocephalus* | *volans* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0011620> | species | *Galeopterus* | *variegatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002698> | species | *Ceratobatrachus* | *guentheri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002729> | species | *Rana* | *temporaria* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0002790> | species | *Rana* | *pipiens* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002856> | species | *Amolops* | *ricketti* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002866> | species | *Hylarana* | *galamensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0002915> | species | *Hylarana* | *albolabris* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0002929> | species | *Staurois* | *natator* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0003059> | species | *Occidozyga* | *laevis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003097> | species | *Limnonectes* | *blythii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003151> | species | *Nannophrys* | *ceylonensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003183> | species | *Hoplobatrachus* | *occipitalis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0003187> | species | *Euphlyctis* | *cyanophlyctis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003197> | species | *Sphaerotheca* | *breviceps* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003203> | species | *Nanorana* | *parkeri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003320> | species | *Ptychadena* | *christyi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003327> | species | *Ptychadena* | *mascareniensis* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0003336> | species | *Ptychadena* | *anchietae* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003344> | species | *Hildebrandtia* | *ornata* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003350> | species | *Petropedetes* | *natator* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003355> | species | *Petropedetes* | *johnstoni* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003358> | species | *Petropedetes* | *parkeri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003360> | species | *Petropedetes* | *martiensseni* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003363> | species | *Petropedetes* | *cameronensis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0003366> | species | *Conraua* | *goliath* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003367> | species | *Conraua* | *crassipes* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0003371> | species | *Aubria* | *subsigillata* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0003373> | species | *Pyxicephalus* | *edulis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003375> | species | *Pyxicephalus* | *adspersus* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0003378> | species | *Poyntonia* | *paludicola* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003380> | species | *Anhydrophryne* | *rattrayi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003382> | species | *Microbatrachella* | *capensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003385> | species | *Cacosternum* | *capense* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003389> | species | *Cacosternum* | *boettgeri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003390> | species | *Cacosternum* | *nanum* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003392> | species | *Amietia* | *angolensis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0003394> | species | *Amietia* | *fuscigula* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003401> | species | *Natalobatrachus* | *bonebergi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003407> | species | *Arthroleptella* | *landdrosia* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003422> | species | *Tomopterna* | *marmorata* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003432> | species | *Tomopterna* | *tandyi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003438> | species | *Strongylopus* | *grayii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003458> | species | *Phrynobatrachus* | *acutirostris* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0003465> | species | *Phrynobatrachus* | *versicolor* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003474> | species | *Phrynobatrachus* | *petropedetoides* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003493> | species | *Phrynobatrachus* | *sandersoni* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003500> | species | *Phrynobatrachus* | *natalensis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0003504> | species | *Phrynobatrachus* | *plicatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003512> | species | *Phrynobatrachus* | *krefftii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003513> | species | *Phrynobatrachus* | *cricogaster* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003515> | species | *Phrynobatrachus* | *dendrobates* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003518> | species | *Phrynobatrachus* | *africanus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0003520> | species | *Phrynobatrachus* | *acridoides* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003629> | species | *Chiromantis* | *rufescens* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0003633> | species | *Chiromantis* | *xerampelina* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003865> | species | *Philautus* | *surdus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003942> | species | *Buergeria* | *japonica* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003951> | species | *Guibemantis* | *bicalcaratus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0003965> | species | *Guibemantis* | *liber* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0004086> | species | *Mantidactylus* | *femoralis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004158> | species | *Mantidactylus* | *opiparis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004304> | species | *Mantella* | *aurantiaca* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0004387> | species | *Boophis* | *madagascariensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004525> | species | *Mixophyes* | *schevilli* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004548> | species | *Limnodynastes* | *peronii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004555> | species | *Limnodynastes* | *dorsalis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0004572> | species | *Telmatobufo* | *venustus* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_0083434> | species | *Platyplectrum* | *ornatum* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0083482> | species | *Lepidobatrachus* | *llanensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0083486> | species | *Leptodactylus* | *latrans* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_0083503> | species | *Leptodactylus* | *latinasus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0083531> | species | *Adenomera* | *marmorata* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0083716> | species | *Craugastor* | *occidentalis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0083801> | species | *Batrachylodes* | *elegans* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0083806> | species | *Discodeles* | *bufoniformis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0084008> | species | *Callulops* | *doriae* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0084184> | species | *Telmatobius* | *scrocchii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0084202> | species | *Telmatobius* | *jelskii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_0084206> | species | *Telmatobius* | *schreiteri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9000049> | species | *Vancleavea* | *campi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9000203> | species | *Poposaurus* | *gracilis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9000204> | species | *Hesperosuchus* | *agilis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9000205> | species | *Postosuchus* | *kirkpatricki* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9000216> | species | *Pseudopalatus* | *pristinus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9000394> | species | *Titanophoneus* | *potens* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9000671> | species | *Balanerpeton* | *woodi* | | 9 |
| <http://purl.obolibrary.org/obo/VTO\_9000702> | species | *Capetus* | *palustris* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9000719> | species | *Platyrhinops* | *lyelli* | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9000722> | species | *Lethiscus* | *stocki* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9000724> | species | *Panderichthys* | *rhombolepis* | | 13 |
| <http://purl.obolibrary.org/obo/VTO\_9000725> | species | *Pholiderpeton* | *scutigerum* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9000726> | species | *Micromelerpeton* | *credneri* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9000727> | species | *Neldasaurus* | *wrightae* | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9000742> | species | *Kotlassia* | *prima* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9000744> | species | *Leptorophus* | *tener* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9000745> | species | *Ecolsonia* | *cutlerensis* | | 8 |
| <http://purl.obolibrary.org/obo/VTO\_9000746> | species | *Eoherpeton* | *watsoni* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9000747> | species | *Eoscopus* | *lockardi* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9009700> | species | *Micraroter* | *erythrogeios* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9009752> | species | *Gobipteryx* | *minuta* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9009863> | species | *Hollanda* | *luceria* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9009864> | species | *Shenqiornis* | *mengi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9009879> | species | *Captorhinus* | *aguti* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9009883> | species | *Tersomius* | *texensis* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9009884> | species | *Trimerorhachis* | *insignis* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9009886> | species | *Pengornis* | *houi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9010550> | species | *Lapillopsis* | *nana* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9010863> | species | *Carodnia* | *vieirai* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9011078> | species | *Haptodus* | *baylei* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9011081> | species | *Edaphosaurus* | *boanerges* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9011083> | species | *Haptodus* | *garnettensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9011085> | species | *Edaphosaurus* | *novomexicanus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9011090> | species | *Archaeothyris* | *florensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9011107> | species | *Stereophallodon* | *ciscoensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9011117> | species | *Aerosaurus* | *greenleeorum* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9011118> | species | *Aerosaurus* | *wellesi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9011120> | species | *Mycterosaurus* | *longiceps* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9011138> | species | *Ruthiromia* | *elcobriensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9011149> | species | *Ennatosaurus* | *tecton* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9011162> | species | *Cotylorhynchus* | *hancocki* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9011175> | species | *Pelodosotis* | *elongatum* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9011491> | species | *Secodontosaurus* | *obtusidens* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9011513> | species | *Asilisaurus* | *kongwe* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9011673> | species | *Sauripterus* | *taylori* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9011736> | species | *Tseajaia* | *campi* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9012235> | species | *Notharctus* | *tenebrosus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9012304> | species | *Euryodus* | *primus* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9012690> | species | *Procochleosaurus* | *jarrowensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9012712> | species | *Chenoprosopus* | *lewisi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9012775> | species | *Varanodon* | *agilis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9012812> | species | *Diadectes* | *absitus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9012969> | species | *Hyopsodus* | *paulus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9000749> | species | *Eucritta* | *melanolimnetes* | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9000751> | species | *Eusthenopteron* | *foordi* | | 11 |
| <http://purl.obolibrary.org/obo/VTO\_9000752> | species | *Ichthyostega* | *stensioei* | | 13 |
| <http://purl.obolibrary.org/obo/VTO\_9000753> | species | *Eocursor* | *parvus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9000757> | species | *Caerorhachis* | *bairdi* | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9000758> | species | *Bruktererpeton* | *fiebigi* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9000759> | species | *Broiliellus* | *brevis* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9000762> | species | *Baphetes* | *kirkbyi* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9000764> | species | *Discosauriscus* | *austriacus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9000765> | species | *Crassigyrinus* | *scoticus* | | 11 |
| <http://purl.obolibrary.org/obo/VTO\_9000766> | species | *Colosteus* | *scutellatus* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9000767> | species | *Acherontiscus* | *caledoniae* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9000769> | species | *Archeria* | *crassidisca* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9000771> | species | *Adelospondylus* | *watsoni* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9000772> | species | *Amphibamus* | *grandiceps* | | 7 |
| <http://purl.obolibrary.org/obo/VTO\_9000773> | species | *Apateon* | *pedestris* | | 6 |
| <http://purl.obolibrary.org/obo/VTO\_9000793> | species | *Tiktaalik* | *roseae* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9000906> | species | *Guanlong* | *wucaii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9000961> | species | *Batropetes* | *fritschi* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9001034> | species | *Tuditanus* | *punctulatus* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9001060> | species | *Urocordylus* | *wandesfordii* | | 6 |
| <http://purl.obolibrary.org/obo/VTO\_9007484> | species | *Ceratosaurus* | *nasicornis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9007548> | species | *Utaherpeton* | *franklini* | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9007555> | species | *Stegotretus* | *agyrus* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9007565> | species | *Keraterpeton* | *galvani* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9007897> | species | *Eoraptor* | *lunensis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9008132> | species | *Caudipteryx* | *zoui* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9008239> | species | *Longicrusavis* | *houi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9008241> | species | *Tropidosuchus* | *romeri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9008398> | species | *Dissorophus* | *multicinctus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9008399> | species | *Micropholis* | *stowi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9008428> | species | *Lydekkerina* | *huxleyi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9008432> | species | *Sclerocephalus* | *haeuseri* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9008469> | species | *Acroplous* | *vorax* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9008475> | species | *Lesothosaurus* | *diagnosticus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9008511> | species | *Tambachia* | *trogallas* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9008624> | species | *Tawa* | *hallae* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9008632> | species | *Spea* | *neuter* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9009115> | species | *Dilophosaurus* | *wetherilli* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9009125> | species | *Tarbosaurus* | *bataar* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9009130> | species | *Daspletosaurus* | *torosus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9009249> | species | *Herrerasaurus* | *ischigualastensis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9009250> | species | *Staurikosaurus* | *pricei* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9009326> | species | *Arizonasaurus* | *babbitti* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9009415> | species | *Dibothrosuchus* | *elaphros* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9009456> | species | *Dendrerpeton* | *acadianum* | | 9 |
| <http://purl.obolibrary.org/obo/VTO\_9009698> | species | *Hapsidopareion* | *lepton* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9001122> | species | *Varanosaurus* | *acutirostris* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9001192> | species | *Gephyrostegus* | *bohemicus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9001278> | species | *Batrachiderpeton* | *reticulatum* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9001280> | species | *Asaphestera* | *intermedia* | | 7 |
| <http://purl.obolibrary.org/obo/VTO\_9001287> | species | *Adelogyrinus* | *simorhynchus* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9001290> | species | *Acanthostega* | *gunnari* | | 16 |
| <http://purl.obolibrary.org/obo/VTO\_9001324> | species | *Diceratosaurus* | *brevirostris* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9001325> | species | *Ctenerpeton* | *alveolatum* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9001326> | species | *Greererpeton* | *burkemorani* | | 9 |
| <http://purl.obolibrary.org/obo/VTO\_9001328> | species | *Diploceraspis* | *burkei* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9013106> | species | *Maelestes* | *gobiensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9013228> | species | *Casea* | *broilii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9013239> | species | *Limnoscelis* | *paludis* | | 8 |
| <http://purl.obolibrary.org/obo/VTO\_9013283> | species | *Acanthostomatops* | *vorax* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9013415> | species | *Sinopa* | *rapax* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9013444> | species | *Xenopus* | *romeri* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9013826> | species | *Gansus* | *yumenensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9014211> | species | *Valdotriton* | *gracilis* | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9014220> | species | *Czatkobatrachus* | *polonicus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9014341> | species | *Karaurus* | *sharovi* | | 6 |
| <http://purl.obolibrary.org/obo/VTO\_9014401> | species | *Citipati* | *osmolskae* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9014801> | species | *Konzhukovia* | *vetusta* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9015079> | species | *Rhinophrynus* | *canadensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9015122> | species | *Iridotriton* | *hechti* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9015214> | species | *Chelomophrynus* | *bayi* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9015697> | species | *Changchengornis* | *hengdaoziensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9015725> | species | *Pangerpeton* | *sinensis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9015832> | species | *Angelosaurus* | *romeri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9015844> | species | *Cotylorhynchus* | *bransoni* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9016007> | species | *Protungulatum* | *donnae* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9016235> | species | *Leptictis* | *dakotensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9016319> | species | *Limenavis* | *patagonica* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9016448> | species | *Jeholotriton* | *paradoxus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9016620> | species | *Shuvosaurus* | *inexpectatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9016863> | species | *Gracilisuchus* | *stipanicicorum* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9017055> | species | *Elsornis* | *keni* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9017076> | species | *Chanaresuchus* | *bonapartei* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9017200> | species | *Pisanosaurus* | *mertii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9017260> | species | *Oromycter* | *dolesorum* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9017337> | species | *Trichasaurus* | *texensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9017490> | species | *Stokesosaurus* | *clevelandi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9018113> | species | *Henkelotherium* | *guimarotae* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9019257> | species | *Gerobatrachus* | *hottoni* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9019369> | species | *Orthosuchus* | *stormbergi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9019417> | species | *Archaeovenator* | *hamiltonensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9019475> | species | *Proterosuchus* | *fergusi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9019883> | species | *Whatcheeria* | *deltae* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9020003> | species | *Revueltosaurus* | *callenderi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9020245> | species | *Heleosaurus* | *scholtzi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9020299> | species | *Terrestrisuchus* | *gracilis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9020521> | species | *Doleserpeton* | *annectens* | | 7 |
| <http://purl.obolibrary.org/obo/VTO\_9020611> | species | *Solenodonsaurus* | *janenschi* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9020631> | species | *Palaeobatrachus* | *occidentalis* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9020735> | species | *Protosuchus* | *richardsoni* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9020755> | species | *Mesohippus* | *bairdi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9020879> | species | *Silvanerpeton* | *miripedes* | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9020973> | species | *Prolacerta* | *broomi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9020990> | species | *Dromicosuchus* | *grallator* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9021038> | species | *Pyozia* | *mesenensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9021120> | species | *Buettneria* | *maleriensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9021280> | species | *Mesonyx* | *obtusidens* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9021359> | species | *Metacheiromys* | *marshi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9021619> | species | *Eotyrannus* | *lengi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9021661> | species | *Shenzhousaurus* | *orientalis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9021684> | species | *Rodhocetus* | *balochistanensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9021685> | species | *Artiocetus* | *clavis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9021699> | species | *Sinornithomimus* | *dongi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9021969> | species | *Archegosaurus* | *decheni* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9022352> | species | *Riojasuchus* | *tenuisceps* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9022367> | species | *Ianthasaurus* | *hardestiorum* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9022368> | species | *Petrolacosaurus* | *kansensis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9022401> | species | *Cutleria* | *wilmarthi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9022403> | species | *Pantylus* | *cordatus* | | 8 |
| <http://purl.obolibrary.org/obo/VTO\_9022418> | species | *Zalambdalestes* | *lechei* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9022461> | species | *Archaeopteryx* | *lithographica* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9022466> | species | *Ornitholestes* | *hermanni* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9022478> | species | *Coelophysis* | *bauri* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9022733> | species | *Patagopteryx* | *deferrariisi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9022816> | species | *Vulcanobatrachus* | *mandelai* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9022908> | species | *Eryops* | *megacephalus* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9023666> | species | *Onchiodon* | *labyrinthicus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9023733> | species | *Euparkeria* | *capensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9024076> | species | *Gomphos* | *elkema* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9024729> | species | *Gorgosaurus* | *libratus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9024841> | species | *Eucoelophysis* | *baldwini* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9024844> | species | *Saturnalia* | *tupiniquim* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9024872> | species | *Lagerpeton* | *chanarensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9024879> | species | *Marasuchus* | *lilloensis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9024954> | species | *Basilosaurus* | *cetoides* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9024993> | species | *Vorona* | *berivotrensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9025019> | species | *Rahonavis* | *ostromi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9025032> | species | *Cotylorhynchus* | *romeri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9025033> | species | *Casea* | *rutena* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9025078> | species | *Longosuchus* | *meadei* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9025313> | species | *Smilosuchus* | *gregorii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9025372> | species | *Parasuchus* | *hislopi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9025537> | species | *Paleothyris* | *acadiana* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9025556> | species | *Effigia* | *okeeffeae* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9025652> | species | *Huaxiagnathus* | *orientalis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9025659> | species | *Eudimorphodon* | *ranzii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9025670> | species | *Sinornithosaurus* | *millenii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9025724> | species | *Compsognathus* | *longipes* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9026227> | species | *Diplocercides* | *heiligenstockiensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9026228> | species | *Diplocercides* | *kayseri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9026311> | species | *Thrinaxodon* | *liorhinus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9026333> | species | *Turfanosuchus* | *dabanensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9026368> | species | *Boluochia* | *zhengi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9026430> | species | *Haldanodon* | *exspectatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9026451> | species | *Hongshanornis* | *longicresta* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9026542> | species | *Sapeornis* | *chaoyangensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9026544> | species | *Jeholornis* | *prima* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9026610> | species | *Phonerpeton* | *pricei* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9026647> | species | *Coelophysis* | *rhodesiensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9026655> | species | *Scutellosaurus* | *lawleri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9026662> | species | *Lewisuchus* | *admixtus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9026727> | species | *Raptorex* | *kriegsteini* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9026811> | species | *Morganucodon* | *watsoni* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9027322> | species | *Orobates* | *pabsti* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9027738> | species | *Scincosaurus* | *crassus* | | 6 |
| <http://purl.obolibrary.org/obo/VTO\_9027739> | species | *Schoenfelderpeton* | *prescheri* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9027741> | species | *Sauropleura* | *pectinata* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9027743> | species | *Ptyonius* | *marshii* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9027749> | species | *Ventastega* | *curonica* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9027750> | species | *Tulerpeton* | *curtum* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9027781> | species | *Oestocephalus* | *amphiuminum* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9027972> | species | *Yanornis* | *martini* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9027995> | species | *Yixianornis* | *grabaui* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9028016> | species | *Rauisuchus* | *tiradentes* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9028045> | species | *Peronedon* | *primus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9028129> | species | *Longirostravis* | *hani* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9028135> | species | *Confuciusornis* | *sanctus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9028136> | species | *Prestosuchus* | *chiniquensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9028138> | species | *Confuciusornis* | *dui* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9028141> | species | *Vescornis* | *hebeiensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9028180> | species | *Eoenantiornis* | *buhleri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9028303> | species | *Albertosaurus* | *sarcophagus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9028505> | species | *Phlegethontia* | *longissima* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9028514> | species | *Phlegethontia* | *linearis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9028566> | species | *Eomaia* | *scansoria* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9028587> | species | *Concornis* | *lacustris* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9028597> | species | *Neuquenornis* | *volans* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9029041> | species | *Onychonycteris* | *finneyi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9029104> | species | *Dimorphodon* | *macronyx* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9029295> | species | *Wawelia* | *gerholdi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9029398> | species | *Eoxenopoides* | *reuningi* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9029400> | species | *Saltenia* | *ibanezi* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9029450> | species | *Stagonolepis* | *robertsoni* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9029452> | species | *Fasolasuchus* | *tenax* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9029456> | species | *Lotosaurus* | *adentus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9029471> | species | *Saurosuchus* | *galilei* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9029488> | species | *Ticinosuchus* | *ferox* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9029498> | species | *Eocaecilia* | *micropodia* | | 8 |
| <http://purl.obolibrary.org/obo/VTO\_9029517> | species | *Archaeotherium* | *mortoni* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9029620> | species | *Sphenosuchus* | *acutus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9029828> | species | *Coelophysis* | *kayentakatae* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9029845> | species | *Plateosaurus* | *engelhardti* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9029956> | species | *Notobatrachus* | *degiustoi* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9029979> | species | *Vieraella* | *herbstii* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9030094> | species | *Apheliscus* | *insidiosus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9030129> | species | *Mesophryne* | *beipiaoensis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9030270> | species | *Eurycephalella* | *alcinae* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9030272> | species | *Arariphrynus* | *placidoi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9030400> | species | *Aetosaurus* | *ferratus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9030432> | species | *Erythrosuchus* | *africanus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9030624> | species | *Triadobatrachus* | *massinoti* | | 10 |
| <http://purl.obolibrary.org/obo/VTO\_9030628> | species | *Prosalirus* | *bitis* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9030659> | species | *Regalerpeton* | *weichangensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9030719> | species | *Macropelobates* | *osborni* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9030864> | species | *Guiyu* | *oneiros* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9031003> | species | *Panphagia* | *protos* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9031042> | species | *Pederpes* | *finneyae* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9031047> | species | *Westlothiana* | *lizziae* | | 5 |
| <http://purl.obolibrary.org/obo/VTO\_9031057> | species | *Heterodontosaurus* | *tucki* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9031101> | species | *Baptornis* | *advenus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9031132> | species | *Allosaurus* | *fragilis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9031143> | species | *Baurubatrachus* | *pricei* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9031636> | species | *Didolodus* | *multicuspis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9031738> | species | *Efraasia* | *minor* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9032047> | species | *Protopteryx* | *fengningensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9032270> | species | *Postosuchus* | *alisonae* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9032336> | species | *Mandageria* | *fairfaxi* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9032341> | species | *Elkobatrachus* | *brocki* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9032346> | species | *Marsdenichthys* | *longioccipitus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9032353> | species | *Gogonasus* | *andrewsae* | | 4 |
| <http://purl.obolibrary.org/obo/VTO\_9032383> | species | *Elginerpeton* | *pancheni* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9032578> | species | *Vegavis* | *iaai* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9032591> | species | *Tribosphenomys* | *minutus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9032787> | species | *Perryella* | *olsoni* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9032794> | species | *Ossinodus* | *pueri* | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9032805> | species | *Qianosuchus* | *mixtus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9033012> | species | *Siderops* | *kehli* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9033017> | species | *Tristichopterus* | *alatus* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9033026> | species | *Xenobrachyops* | *allos* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9033030> | species | *Keratobrachyops* | *australis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9033046> | species | *Thabanchuia* | *oomie* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9033057> | species | *Spodichthys* | *buetleri* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9033166> | species | *Phenacodus* | *intermedius* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9033202> | species | *Sillosuchus* | *longicervix* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9033754> | species | *Apsaravis* | *ukhaana* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9033840> | species | *Dilong* | *paradoxus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9033866> | species | *Vulpavus* | *profectus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9033867> | species | *Sacisaurus* | *agudoensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9033872> | species | *Vulpavus* | *ovatus* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9034144> | species | *Zhongjianornis* | *yangi* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9034147> | species | *Jinzhouornis* | *zhangjiyingia* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9034151> | species | *Jianchangornis* | *microdonta* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9034163> | species | *Songlingornis* | *linghensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9034278> | species | *Jixiangornis* | *orientalis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9034348> | species | *Shenzhouraptor* | *sinensis* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9034427> | species | *Varanops* | *brevirostris* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9034455> | species | *Shanweiniao* | *cooperorum* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9034461> | species | *Canowindra* | *grossi* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9034467> | species | *Cladarosymblema* | *narrienense* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9034469> | species | *Tinirau* | *clackae* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9034475> | species | *Cabonnichthys* | *burnsi* | | 2 |
| <http://purl.obolibrary.org/obo/VTO\_9034516> | species | *Ornithosuchus* | *longidens* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9046489> | species | *Hynerpeton* | *bassetti* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9046491> | species | *Sterropterygion* | *brandei* | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9015969> | subfamily | Sphenacodontinae | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9010061> | suborder | Dinocephalia | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9018461> | suborder | Gorgonopsia | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9020315> | suborder | Aistopoda | | | 3 |
| <http://purl.obolibrary.org/obo/VTO\_9023510> | superfamily | Anthracosauroidea | | | 1 |
| <http://purl.obolibrary.org/obo/VTO\_9002426> | tribe | Hymenochirini | | | 1 |