

The complex evolutionary history of the tympanic middle ear in frogs and toads (Anura)

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Section S1. Specimens examined and details about character coding

1.1—Considerations about character coding

We scored the presence and absence of the tympanic membrane, tympanic annulus, and columella for Bufonidae and other families of Anura based on dissections, MicroCT images, osteological preparations, and bibliographic information. The morphology of the tympanic membrane and tympanic annulus were studied with the aid of a stereomicroscope. When differentiation of structures in the tympanic region was not evident externally, we performed dissections to ascertain the condition of the tympanic annulus. To study the condition of the columella, specimens were cleared and double-stained for bone and cartilage (Wassersug, 1976). MicroCT scans were performed in air with a desktop Skyscan 1173 (Bruker Skyscan, Aartselaar, Belgium) system at a scanning resolution of 10 μm . The images were reconstructed with NRecon (Bruker SkyScan, Aartselaar, Belgium) with a Feldkamp cone-beam algorithm (Feldkamp *et al.* 1984).

Lynch and Duellman (1997) reviewed some of the confusions and misinterpretations surrounding the conditions of the tympanic membrane and tympanic annulus in many taxonomic studies, and we followed their considerations when scoring the character states of both structures: the definition of a “tympanum” does not necessarily imply the presence of a tympanic membrane but can also refer only to a tympanic annulus. Thus, we only scored the tympanic membrane as present when we observed it ourselves or when published accounts explicitly describe it as a differentiated region of the skin or clearly depict it in the figures provided in publications. Regarding the condition of the columella, we scored it as present even if there are only rudiments of this structure in the adult forms. This latter situation is exceptional and was only reported for a few species of anurans (e.g., *Bombina* and *Telmatobius*).

1.2—Specimens examined.

Collection abbreviations are as follow: AMNH (American Museum of Natural History, New York, United States); CBF (Colección Boliviana de Fauna, La Paz, Bolivia); CENAI (Centro Nacional de Investigaciones Iológicas, Buenos Aires, Argentina); CFBH (Collection Célio F.B. Haddad, Universidade Estadual Paulista, Rio Claro, São Paulo, Brazil); DB (Diego Baldo field series); ICN (Instituto de Ciencias Naturales, Universidad Nacional de Colombia, Bogotá, Colombia); KU (University of Kansas Natural History Museum, Lawrence, United States); LGE (Instituto de Biología Subtropical, Universidad Nacional de Misiones, Posadas, Misiones, Argentina); MACN (Museo Argentino de Ciencias Naturales “Bernardino Rivadavia”, Buenos Aires,

Argentina); MCP (Museu de Ciências e Tecnologia da PUCRS, Porto Alegre, Brazil.); MLP (Museo La Plata, La Plata, Argentina); MNCN (Museo Nacional de Ciencias Naturales, Madrid, Spain); MNRJ (Museu Nacional do Rio de Janeiro, Universidade Federal de Rio de Janeiro, Rio de Janeiro, Brazil); MZUSP (Museu de Zoologia, Universidade de São Paulo, São Paulo, Brazil); MNK (Museo de Historia Natural Noel Kempff, Santa Cruz de la Sierra, Bolivia); TG (Taran Grant field series); TNHC (Texas Memorial Museum, Austin, Texas, USA); UMMZ (University of Michigan Museum of Zoology, Ann Arbor, Michigan, United States); USNM (National Museum of Natural History, Washington, D.C., United States); ZUEC (Museu de História Natural, Universidade Estadual de Campinas, Campinas, São Paulo, Brazil).

BUFONIDAE

Amazophrynella minuta.—**Colombia**: Amazonas: Leticia (ICN 50301).

Anaxyrus canorus.—**United States**: California: Tioga Pass Mono-Tuolumne county border (USNM 311300); Tuolumne Yosemite National Park, Aspen Valley (USNM 311297).

Anaxyrus cognatus.—**United States**: New Mexico: Luna: Columbus (USNM 320094, 320103).

Anaxyrus houstonensis.—**United States**: Texas: Harris Fairbanks (USNM 542211); near Houston airport (USNM 542212).

Anaxyrus microscaphus.—**United States**: New Mexico: Grant: San Lorenzo (USNM 320140); near New Mexico Hwy 35, Mimbres River Drainage (USNM 320144).

Ansonia muelleri.—**Philippines**: Mindanao Island: Agusan Del Norte: Cabadbaran (USNM 305567, 305569).

Atelopus chiriquiensis.—**Costa Rica**: Limon: Pico Blanco (= Cerro Kamuk) (USNM 30643-4).

Atelopus cruciger.—**Venezuela**: Aragure (ICN 14387).

Atelopus flavescens.—**French Guiana**: Cayenne, 82 km S of, 3 km W of Kaw (USNM 331415, 331417).

Atelopus franciscus.—**French Guiana**: Cayenne: Crique Gregoire, Inini (USNM 192815).

Atelopus ignescens.—**Ecuador**: Imbabura: near Odovalo (= Otavalo) (USNM 236903-4).

Atelopus longirostris.—**Ecuador**: Pichincha: Llambo (USNM 193825); Tandayapa (USNM 193835).

Atelopus pulcher.—**Peru**: Amazonas: La Poza (USNM 569373); Shiringa (USNM 569381).

Atelopus varius.—**Colombia**: Chocó: Río Sucio (ICN 31489). **Costa Rica**: San Jose Desamparados, near, along Rio Jorco (USNM 279113, 279119).

Atelopus zeteki.—**Panama**: Coclé: El Valle, Cerro Gaital (USNM 129893, 129896).

Bufo bankorensis.—**Taiwan**: Kaohsiung Hsien: Kosempo (= Chiasien) (USNM 66082-3).

Bufo japonicus.—**Japan**: Honshu Island: Nagano: Karuizawa (USNM 51997–8).

Capensibufo rosei.—**South Africa**: Western Cape: Cape Town, Table Mountain (USNM 159110, 159113).

Dendrophryniscus leucomystax.—**Brazil**: São Paulo: Ilha Comprida (CFBH 19007).

Didynamipus sjostedti.—**Cameroon**: Southwest: Nguti, near, Banyang-Mbo Forest (USNM 505739).

Duttaphrynus scaber.—**Sri Lanka**: North Eastern Mannar: Marichchukkadi (USNM 254716, 254718).

Duttaphrynus stomaticus.—**Nepal**: Narayani: Chitwan Sauraha, vicinity of Smithsonian Institution Camp, Royal Chitwan National Park (USNM 266829, 266836).

Epidalea calamita.—**Spain**: Madrid (MACN 36530). **Germany**: Bavaria: Nuremberg (USNM 579882, 579890).

Frostius pernambucensis.—**Brazil**: Bahia (LGE 7566).

Incilius campbelli.—**Belize**: Toledo: Maya Mountain Forest Reserve, Snake Creek (USNM 498198, 498200).

Incilius canaliferus.—**Mexico**: Chiapas: La Esperanza (USNM 116005, 116019).

Incilius coniferus.—**Panama**: Bocas del Toro: Isla Cristobal Bocatorito camp (USNM 348058–9).

Incilius ibarraí.—**Honduras**: Ocotepeque: El Volcan (USNM 523715, 523723).

Incilius mazatlanensis.—**Mexico**: Sonora: Bahia Kino (USNM 214074, 214077).

Incilius occidentalis.—**Mexico**: Puebla: Tecamachalco (USNM 116539, 116541).

Ingerophrynus celebensis.—**Indonesia**: Celebes: Sulawesi Tengah: Toli Toli (USNM 52986); Bada Toeare (USNM 61189).

Leptophryne borbonica.—**Malaysia**: Selangor: Templer's Park (CENAI 7616).

Melanophryniscus atroluteus.—**Brazil**: Rio Grande do Sul: São Borja (MCP 12667).

Melanophryniscus cambaraensis.—**Brazil**: Rio Grande do Sul: (MCN 13473).

Melanophryniscus cupreuscapularis.—**Argentina**: Corrientes: Capital, Paraje Perichón (DB 1759, 1761).

Melanophryniscus devincenzii.—**Argentina**: Misiones: Candelaria, Ñu Pyahú (DB 753).

Melanophryniscus dorsalis.—**Brazil**: Rio Grande do Sul: Torres (MCP 235, 244).

Melanophryniscus estebani.—**Argentina**: San Luis: Carolina (MACN 35405).

Melanophryniscus fulvoguttatus.—**Brazil**: Mato Grosso Do Sul: Maracaju (USNM 107712, 107722).

Melanophryniscus klappenbachi.—**Argentina**: Chaco: Resistencia (MACN 38532).

Melanophryniscus macrogranulosus.—**Brazil**: Rio Grande do Sul: Maquiné, Barra do Ouro (MCP 8104).

Melanophryniscus montevidensis.—**Uruguay**: Maldonado: Laguna Garzón (DB 4120).

Melanophryniscus pachyrhynus.—**Uruguay**: Maldonado: Sierra de Ánimas (DB 3988).

Melanophryniscus setiba.—**Brazil**: Espírito Santo: Parque Estadual Paulo Cesar Vinha (CFBH 15735, 15745).

Melanophryniscus simplex.—**Brazil**: Santa Catarina: Campos Novos (MCP 9472–3).

Melanophryniscus spectabilis.—**Brazil**: Santa Catarina: (MLP 1808).

Melanophryniscus vilavelhensis.—**Brazil**: Parana: Parque Estadual de Vila Velha (DZUP 208).

Mertensophryne taitana.—**Malawi**: Rumphi (USNM 153417).

Nannophryne variegata.—**Argentina**: Santa Cruz: Lago del Desierto (MACN 41452). **Chile**: Magallanes: Mayne Harbor (USNM 15124).

Nectophryne batesii.—**Cameroon**: Littoral: Nguengue (USNM 571097, 571100).

Nectophrynoides tornieri.—**Tanzania**: Magrotto Mts. (CENAI 7674); Tanga: Muheza (USNM 226759).

Osornophryne bufoniformis.—**Ecuador**: Sucumbíos: Santa Bárbara (USNM 193537, 193540).

Osornophryne guacamayo.—**Colombia**: Putumayo: Santiago (ICN 47811).

Osornophryne talipes.—**Colombia**: Nariño (ICN 12256).

Peltophryne empusa.—**Cuba**: Isla de Pinos: near Santa Fe (MACN 39144).

Peltophryne fustiger.—**Cuba**: Pinar del Río: La Mulata (USNM 51864).

Peltophryne peltoccephala.—**Cuba**: Camagüey: Camagüey (CENAI 8343).

Rentapia hosii.—**Malaysia**: Pahang: Ulu Tahan, Kuala Teku (CENAI 7716).

Rhaebo andinophrynoides.—**Colombia**: Nariño: Barbacoas (ICN 53535).

Rhaebo glaberrimus.—**Colombia**: Meta: Restrepo (ICN 36350).

Rhaebo guttatus.—**Colombia**: Vaupés: Mitú, Villa Fátima (ICN 34808).

Rhaebo haematiticus.—**Colombia**: Caldas: Samaná (ICN 3472, 43493).

Rhinella achalensis.—**Argentina**: Córdoba: Pampa de Achala (MACN 24953).

Rhinella arenarum.—**Argentina**: Salta: Santa Victoria, Lipeo (MACN 39220). **Uruguay**: Montevideo (USNM 70620, 70622).

Rhinella castaneotica.—**Brazil**: Para: Itaituba (USNM 518807, 518809).

Rhinella dapsilis.—**Ecuador**: Pastaza: Río Rutuno, tributary of Río Bobonaza (USNM 196951).
Brazil: Amazonas: Borba, Río Madeira (USNM 201814).

Rhinella dorbignyi.—**Argentina**: Buenos Aires: Dolores (MACN 43695).

Rhinella fernandezae.—**Argentina**: Entre Rios: Chajarí (LGE 8716).

Rhinella icterica.—**Brazil**: São Paulo, Quarter Parque Jabaquara (USNM 100954, 100957).

Rhinella major.—**Argentina**: Chaco: 9 de Julio: Las Breñas (LGE 8719).

Rhinella merianae.—**Guyana**: East Berbice: Dubulay Ranch (USNM 566017–8).

Rhinella ocellata.—**Brazil**: Goiás: Río Araguaia USNM 130177); Mato Grosso: Utuariti, Río Papagaio (USNM 200548); Minas Gerais: Januaria (USNM 121334).

Rhinella ornata.—**Brazil**: Rio de Janeiro (USNM 70613–4).

Rhinella poeppigii.—**Peru**: San Martín (USNM 346829–30).

Rhinella schneideri.—**Bolivia**: Santa Cruz (USNM 281765). **Paraguay**: Boquerón: Filadelfia (USNM 340561).

Rhinella spinulosa.—**Argentina**: Mendoza: Uspallata (MACN 17574, 17567).

Schismaderma carens.—**Malawi**: Rumphu (USNM 153377, 153380). **South Africa**: Natal: Durban (CENAI 5984).

Sclerophrys capensis.—**South Africa**: Western Cape: Cape Town (CENAI 6851).

Sclerophrys gracilipes.—**Congo**: Likouala: Impongui (USNM 576239, 576391).

Sclerophrys mauritanica.—**Morocco**: Tetouan: Larache, 20 km SE of (USNM 346809, 346811).

Sclerophrys tuberosa.—**Cameroon**: Littoral: Ekomtolo (USNM 571083); Southwest: Nfainchang, near, Mt. Entali (USNM 324327).

Strauchbufo raddei.—**China**: Manchuria: Hei Sui (USNM 53371–2).

Vandijkophrynus angusticeps.—**South Africa**: Cape Of Good Hope: Kommetjie, near Cape Town (USNM 165087, 165089); Western Cape: Durbanville, near Cape Town (CENAI 6466).

Vandijkophrynus garipeensis.—**Lesotho**: Butha-Buthe (USNM 239871, 239873).

Werneria mertensiana.—**Cameroon**: Littoral: Nguengue (USNM 571101, 571105).

Wolterstorffina parvipalmata.—**Cameroon**: Littoral: Nguengue (USNM 571108–9).

OUTGROUPS

- Adelphobates castaneoticus*.—**Brazil**: Pará: near Cachoeira Juruá, Río Xingú (AMNH 133451–5).
- Adelphobates galactonotus*.—**Brazil**: Pará: Cachoeira do Limão, Río Tapajós (AMNH 128232–3).
- Allobates femoralis*.—**Colombia**: Putumayo: 10 km (airline) S Mocoa (AMNH 85258, 85260).
- Allobates insperatus*.—**Ecuador**: Napo: Santa Cecilia (KU 109310, 149671).
- Allobates juanii*.—**Colombia**: Meta: Acacias, Portachuelo (ICN 5097).
- Allobates kingsburyi*.—**Ecuador**: Pastaza: Abitagua Napo-Pastaza (UMMZ 217617).
- Allobates talamancae*.—**Costa Rica**: Puntarenas: Osa Peninsula, Corcovado National Park (UMMZ 193379).
- Allobates undulatus*.—**Venezuela**: Amazonas: Cerro Yutajé (AMNH 159141–2).
- Alsodes gargola*.—**Argentina**: Neuquén: Aluminé (MACN 37845)
- Ameerega bassleri*.—**Peru**: San Martín: Pachiza, Río Huallaga (AMNH 43402).
- Ameerega bilinguis*.—**Colombia**: Putumayo: 10 km (airline) S Mocoa, (AMNH 85215, 85219).
- Ameerega hahneli*.—**Peru**: Loreto: 5 rd km NE Previsto, near Boquerón del Padre Abad, upper Río Aguaytía (AMNH 118421).
- Ameerega petersi*.—**Peru**: Huánuco: Monte Alegre, Río Pachitea (AMNH 43016).
- Ameerega picta*.—**Bolivia**: Beni: Prov. Ballivian: Lago del Gringo, 10 km N of Puerto Salinas, 1 km from Beni River (UMMZ 184099).
- Ameerega silverstonei*.—**Peru**: Huánuco: 30 km NE Tingo María, Cordillera Azul (AMNH 91847–9).
- Ameerega trivittata*.—**Suriname**: Brokopondo: Brownsberg Nature Park, near Mazaroni Top (AMNH 118431).
- Andinobates claudiae*.—**Panama**: Bocas del Toro: Isla Colón, near La Gruta (AMNH 103514).
- Andinobates fulguritus*.—**Panama**: Panamá: km 12.8 on El Llano-Cartí Rd, 290 m (AMNH 89448).
- Anomaloglossus beebei*.—**Guyana**: near Kaieteur Falls (AMNH 18683).
- Aplastodiscus perviridis*.—**Argentina**: Misiones: Guaraní (MACN 37040).
- Arcovomer passarelii*.—**Brazil**: Espírito Santo: Linhares (CFBH 2181).
- Aromobates nocturnus*.—**Venezuela**: Trujillo: about 2 km (airline) ESE Agua de Obispos (AMNH 129940, 130014).
- Atelognathus patagonicus*.—**Argentina**: Neuquén: Laguna Blanca (CENAI 1070).
- Batrachyla leptopus*.—**Argentina**: Chubut: Desemboque (MACN 41291).
- Ceratophrys cranwelli*.—**Argentina**: Santa Fe: Vera (MACN 42340).
- Colostethus panamensis*.—**Panama**: Veraguas: 6.12 km N Santa Fe N of Altopiedra and Agricultural School in montane area called Buenos Aires (UMMZ 167459).

Colostethus pratti.—**Panama**: Darién: Río Jaque, 1.5 km above Río Imamadó (AMNH 118364, 118371).

Crossodactylus schmidtii.—**Argentina**: Misiones: Cainguás: Parque Provincial Salto Encantado (LGE 164), San Vicente (MACN 35122).

Chacophrys pierottii.—**Argentina**: Chaco: General Güemes, 10 km S Misión Nueva Pompeya (LGE 7716).

Chiasmocleis avilapiresae.—**Brazil**: Mato Grosso: Aripuanã (MNRJ 44231, 44283).

Chiasmocleis capixaba.—**Brazil**: Bahia: Nova Viçosa (MNRJ 18924, 19155).

Chiasmocleis carvalhoi.—**Brazil**: Rio de Janeiro: Magé (MNRJ 55166).

Chiasmocleis leucosticta.—**Brazil**: São Paulo: Ribeirão Branco (MNRJ 17901).

Chiasmocleis schubarti.—**Brazil**: Linhares: Espírito Santo (MNRJ 22961).

Ctenophryne aequatorialis.—**Ecuador**: Azuay (MNRJ 59150).

Ctenophryne aterrima.—**Costa Rica**: Cartago (MNRJ 59144).

Ctenophryne geayi.—**Brazil**: Mato Grosso: Aripuanã (MNRJ 44208).

Cycloramphus boraceiensis.—**Brazil**: Rio de Janeiro: Paraty (CFBH 17308).

Dasypops schirchi.—**Brazil**: Espírito Santo: Linhares (MNRJ 22684).

Dendrobates auratus.—**Costa Rica**: Puntarenas: 8 km ENE Palmar Norte (AMNH 118524).

Panama: Panama: Isla Tobago (AMNH 118528).

Dendrobates tinctorius.—**Brazil**: Amapá: Serra do Navio (KU 93147).

Dendrobates truncatus.—**Colombia**: Tolima: Shore of Río Gualí, 1–2 km above Mariquita (AMNH 118401, 118403).

Dendropsophus minutus.—**Argentina**: Salta: Isla de Cañas (MACN 1302).

Elachistocleis bicolor.—**Argentina**: Formosa: Bermejo, Ing. Enrique H. Faure (MACN 37324).

Dermatonotus muelleri.—**Brazil**: Bahia: Itajibá (MNRJ 19299).

Dyscophus guineti.—pet trade (MNRJ 59154).

Epipedobates boulengeri.—**Colombia**: Cauca: Isla Gorgona (USNM 145253).

Epipedobates espinosai.—**Ecuador**: Pichincha: Río Baba, 5–10 km SSW Santo Domingo de los Colorados (AMNH 118411, 118417).

Elachistocleis bicolor.—**Brazil**: Paraná: Bituruna (MNRJ 6932).

Espadarana prosoblepon.—**Colombia**: Antioquia: Urrao: Parque Natural Nacional Las Orquideas, Quebrada Honda (ICN 19657).

Eupsophus roseus.—**Argentina**: Neuquén: Huiliches: Lago Curruhue (MACN 37981).

Gastrophryne carolinensis.—**United States**: Florida (MZUSP 5753).

Gastrotheca christiani.—**Argentina**: Jujuy: Ledesma, Valle Grande (CENAI 3209).

Gastrotheca riobambae.—**Ecuador**: Imbabura: Cotacachi (MACN 34025).

Geocrinia victoriana.—**Australia**: Victoria: 96 km NW Melbourne (KU 186877).

Haddadus binotatus.—**Brazil**: São Paulo: Serra de Paranapiacaba (MACN 17042).

Hamptophryne boliviana.—**Brazil**: Acre: Marechal Thaumaturgo (MNRJ 28922).

Hylorina sylvatica.—**Chile**: Llanquihué: Chamiza (CENAI 1870).

Hyloxalus awa.—**Ecuador**: Pichincha: 8 km SE Santo Domingo de los Colorados, Hacienda Delta (UMMZ 217614).

Hyloxalus bocagei.—**Ecuador**: Pastaza: Hills N of Mera (UMMZ 182465).

Hyloxalus elachyhistus.—**Ecuador**: Loja (KU 120543).

Hyloxalus pulchellus.—**Ecuador**: Napo: Río Azuela, Quito-Lago Agrio Road, eastern base Volcán Reventador (AMNH 89538).

Hyloxalus sauli.—**Ecuador**: Napo: Río Nachiyacu S of Venecia (UMMZ 182477).

Hyloxalus subpunctatus.—**Colombia**: Cundinamarca: Bogotá, near Monserrate (UMMZ 221158–9).

Hyloxalus sylvaticus.—**Peru**: SW slope Abra de Porculla (KU 164093).

Hyloxalus vertebralis.—**Ecuador**: Cañar: Cuenca (KU 120633–4).

Hypopachus variolosus.—**San Salvador**: El Salvador (MZUSP 77593).

Hypsiboas picturatus.—**Colombia**: Antioquia: Dabeiba (ICN 9279, 9275).

Hypsiboas pulchellus.—**Argentina**: Corrientes: Estancia Celina (LGE 2757, 2759).

Kaloula pulchra.—pet trade (MNRJ 51715).

Lepidobatrachus laevis.—**Argentina**: Formosa: Bermejo: Laguna Yema (MACN 39062).

Leptodactylus bufonius.—**Argentina**: Chaco: General Güemes: Wichi (LGE 12152).

Leptodactylus chaquensis.—**Argentina**: Chaco: General Güemes: near to Misión Nueva Pompeya (LGE 12002).

Leptodactylus latinasus.—**Argentina**: Chaco: 25 km NE Fuerte Esperanza (LGE 10524).

Leptodactylus latrans.—**Argentina**: Corrientes: Capital: Paraje Perichón (LGE 11278).

Leptodactylus mystacinus.—**Argentina**: Misiones: Guaraní: San Vicente (MACN 43782).

Leptodactylus podicipinus.—**Argentina**: Chaco: Antequera (LGE 10523).

Leptodactylus syphax.—**Brazil**: Goiás: Minaçu, Usina Hidrelétrica Serra da Mesa (LGE 10626–7).

Physalaemus ephippifer.—**Brazil**: Pará Santa Bárbara: Reserva Privada Gunma (LGE 2659).

Pseudopaludicola boliviana.—**Argentina**: Corrientes: General Paz: Itá Ibaté (LGE 3026).

Pseudopaludicola saltica.—**Brazil**: Goiás: Sitio D´Abadia (LGE 3066).

Limnomedusa macroglossa.—**Argentina**: Misiones: Colonia Delicia (LGE 10520).

Lysapsus limellum.—**Argentina**: Corrientes: San Miguel, 10 km N Loreto (MACN 39478).

Mannophryne collaris.—**Venezuela**: Mérida (UMMZ 217615).

Mannophryne herminae.—**Venezuela**: Aragua: Río Ocumare (UMMZ 210143–4).

Mannophryne trinitatis.—**Trinidad and Tobago**: Northern Range, 8 km (airline) N Arima (AMNH 118384, 118389).

Minyobates steyermarki.—**Venezuela**: Amazonas: SW sector Cerro Yapacana, 900 m (AMNH 118579).

Mixophyes fasciolatus.—**Australia**: Queensland: Bellthorpe State Forest (KU 179957).

Myersiella microps.—**Brazil**: Rio de Janeiro: Rio de Janeiro (MNRJ 27545).

Odontophrynus achalensis.—**Argentina**: Córdoba: Pampa de Achala (CENAI 2972)

Odontophrynus americanus.—**Argentina**: Misiones: Posadas (LGE 9094–5).

Oophaga arborea.—**Panama**: Chiriquí: continental divide above upper Quebrada de Arena (AMNH 116761).

Oophaga granulifera.—**Costa Rica**: 4.5 km W Rincón de Osa (KU 110223).

Oophaga histrionica.—**Colombia**: Chocó: Risaralda: 7 km (airline) SE Santa Cecilia, upper Río San Juan (AMNH 118458, 118461–2).

Oophaga lehmanni.—**Colombia**: Valle del Cauca: 13 km W Dagua, Río Anchicayá drainage (AMNH 88231, 118442).

Oophaga pumilio.—**Panama**: Bocas del Toro: East end Isla Escudo de Veraguas, (AMNH 118510).

Oophaga speciosa.—**Panama**: Chiriquí: Continental divide above upper Quebrada de Arena (AMNH 118447, 118454).

Oophaga sylvatica.—**Ecuador**: Pichincha: About 10 mi S of Santo Domingo de los Colorados, in banana plantation (AMNH 88225–6).

Oophaga vicentei.—**Panama**: Coclé: East shoulder Cerro Caracol (AMNH 114587).

Paratelmatobius poecilogaster.—**Brazil**: São Paulo: São Luis do Paraitinga (CFBH9877).

Phrynomantis microps.—pet trade (MNRJ 51711).

Phyllobates aurotaenia.—**Colombia**: Chocó: Vicinity of Playa de Oro, upper Río San Juan (AMNH 161108).

Phyllobates bicolor.—**Colombia**: Risaralda: about 7 km (airline) SE Santa Cecilia (AMNH 98256).

Phyllobates lugubris.—**Panama**: Bocas del Toro: ca. 5 km W Almirante (AMNH 118554, 118557).

Phyllobates terribilis.—**Colombia**: Cauca: Quebrada Guanguí, about .5 km above junction with Río Patia, in upper Río Saija drainage, 100–200 m, (AMNH 86319).

Phyllobates vittatus.—**Costa Rica**: Puntarenas: 8 km ENE Palmar Norte, 90 m, (AMNH 118542–5).

Phyllodytes luteolus.—**Brazil**: Bahia: Nova Viçosa (MNRJ 23275)

Phyllomedusa azurea.—**Argentina**: Chaco: Road between Resistencia and Sáenz Peña (CENAI 7772).

Phyllomedusa sauvagii.—**Argentina**: Formosa: Ramón Lista (MACN 38145)

Phyllomedusa tetraploidea.—**Argentina**: Misiones: General Manuel Belgrano, near to Leiten (LGE 2293).

Physalaemus albonotatus.—**Argentina**: Formosa: Tatané (LGE 10513, 10516).

Physalaemus biligonigerus.—**Argentina**: Santiago del Estero: Totorá Pampa (LGE 10527).

Physalaemus cuvieri.—**Argentina**: Misiones: Villa Lanús (LGE 10512).

Physalaemus nattereri.—**Paraguay**: Amambay: Estancia Pirá Potrero, near Río Aquidabán (LGE 10518).

Pleurodema kriegi.—**Argentina**: Córdoba: Pampa de Achala (CENAI 5170).

Pleurodema marmoratum.—**Argentina**: Jujuy: El Quemado (LGE 6193).

Pleurodema tucumanum.—**Argentina**: Santiago del Estero: Totorá Pampa (LGE 10636–7, 10514).

Pristimantis duellmani.—**Ecuador**: Carchi: 14 km SE Maldonado (KU 179268).

Pristimantis gentryi.—**Ecuador**: Cotopaxi: Pilalo, ca. 9 km (airline) E of Latacunga (USNM 239768)

Pristimantis juanchoi.—**Colombia**: Valle Del Cauca: Santiago De Cali (ICN 35063).

Pristimantis palmeri.—**Colombia**: Valle Del Cauca: Carretera El Cairo (ICN 29348).

Pristimantis thymalopsoides.—**Ecuador**: Cotopaxi: Pilaló (KU 177878).

Pristimantis surdus.—**Ecuador**: Pichincha: 7 km W Aloag, N slope Cerro Corazon (KU 109077).

Proceratophrys avelinoi.—**Argentina**: Misiones: Guaraní: San Vicente (MACN 36854).

Proceratophrys boiei.—**Brazil**: Santa Catarina: Florianopolis: Praia dos Naufragados (LGE 10564).

Pseudis minuta.—**Argentina**: Entre Ríos: Islas del Ibicuy (MACN 40425).

Pseudopaludicola falcipes.—**Argentina**: Corrientes: Perugorría (LGE 2969, 3105).

Pseudopaludicola mystacalis.—**Argentina**: Corrientes: Caá Catí (LGE 2842).

Ranitomeya imitator.—**Peru**: San Martín: Km 33, Carretera Tarapoto-Yurimagaus, Valle del Río Cainarache, 500–650 m (KU 209412–3).

Ranitomeya reticulata.—**Peru**: Loreto: 3 km airline SSW Mishana, on Río Nanay, 150 m (AMNH 103676, 103680–1).

Ranitomeya ventrimaculata.—**Peru**: Loreto: 3 km NE Pebas on Río Amazonas, 100 m (AMNH 103603–4).

Rheobates palmatus.—**Colombia**: Cundinamarca: Anolaima (AMNH 13472).

Rhinoderma darwinii.—**Chile**: Valdivia: Mehuín (CENAI 5491).

Scaphiophryne marmorata.—Pet trade (MNRJ 59152).

Scarthyia goinorum.—**Brazil**: Acre: Cruzeiro do Sul (TG 2774).
Silverstoneia flotator.—**Panama**: Coclé: Barro Colorado Island (KU 77678).
Silverstoneia nubicola.—**Panama**: Chiriquí: Río Frijoles (UMMZ 145585).
Scinax acuminatus.—**Argentina**: Chaco: Antequera (LGE 10534).
Scinax fuscovarius.—**Argentina**: Salta: Isla de Cañas (MCN 1301).
Scinax catharinae.—**Brazil** (MZUSP 55892).
Scinax cruentommus.—**Ecuador**: Sucumbios: Santa Cecilia (KU 111928).
Scinax garbei.—**Peru**: Loreto (AMNH 86792).
Scinax nebulosus.—**Bolivia** (MNK 886).
Scinax perpusillus.—**Brazil**: Rio de Janeiro: Recreio das Bandeirantes (THNC 37203).
Scinax ruber.—**Bolivia** (MNK 1640).
Scinax squalirostris.—**Argentina**: Santa Fe: Vera: Ea. Las Gamas (MACN 36970).
Sphaenorhynchus lacteus.—**Brazil**: Acre: Cruzeiro do Sul, Humaitá do Moa (ZUEC 5429).
Stereocyclops histrio.—**Brazil**: Bahia: Una (MZUSP 138155).
Stereocyclops incrassatus.—**Brazil**: Espírito Santo: Linhares (MNRJ 22810).
Stereocyclops parkeri.—**Brazil**: Rio de Janeiro: Macaé (MNRJ 43987, 47478).

Strabomantis necerus.—**Colombia**: Valle Del Cauca: Restrepo: Vereda Campo Alegre (ICN 13229).
Synapturanus mirandaribeiroi.—**Brazil**: Amazonas: Oriximiná (MNRJ 52832).
Telmatobius culeus.—**Bolivia**: La Paz: Manco Kapac, Isla Tariquí, Lago Titicaca (CBF 4050, 4057).
Telmatobius hintoni.—**Bolivia**: Cochabamba: Cochabamba (MNCN 17361–2).
Telmatobius marmoratus.—**Bolivia**: La Paz: Charazani (CBF 3622). Huatajata, Lago Titicaca (CBF 2167).
Telmatobius niger.—**Ecuador**: Cañar: ca 8 km NW Biblián (KU 131795).
Telmatobius sibiricus.—**Bolivia**: Cochabamba: Río Chua Khocha, Sierra de la Siberia, P. N. Carrasco-Ichilo (MNCN 17364).
Telmatobius simonsi.—**Bolivia**: Chuquisaca: El Palmar (CBF 3081–2); Santa Cruz: 15 km from Mairana (MNCN 17366).
Telmatobius truebae.—**Peru**: Amazonas: E slope Abra Chanchillo, 44 km ENE Balsas (KU 212464); Pomacochas (=Florida) (KU 212477–80).
Telmatobius verrucosus.—**Bolivia**: La Paz: Zongo, Laguna Viscachani (CBF 2765); Apolobamba (CBF 5372).
Telmatobius yuracare.—**Bolivia**: Cochabamba: La Siberia (MNCN 16645); Río Apaza (MNCN 16646).

Thoropa taophora.—**Brazil**: São Paulo: Ubatuba (CFBH12734).

Vitreorana uranoscopa.—**Argentina**: Misiones: Parque Provincial Esmeralda (LGE 10521).

Xenohyla truncata.—**Brazil**: Rio de Janeiro: Maricá, Restinga de Maricá (MNRJ 33276).

1.3—Character states scored for each transformation series. 0: absent, 1: present,

?: unknown character state, ^{inf}: character state inferred following the lateral–medial dependency between the presence and absence of tympanic middle ear structures, [†] states codified from late larval stages (> Gosner Stage 42), *adults only have rudiments of columella

Bufonidae included in Pyron (2014)			
Species	Tympanic membrane	Tympanic annulus	Columella
<i>Adenomus kelaartii</i>	0	1	1
<i>Amazophrynella minuta</i>	0	0	0
<i>Anaxyrus americanus</i>	1	1	1
<i>Anaxyrus baxteri</i>	1	1	1 ^{inf}
<i>Anaxyrus boreas</i>	1	1	1
<i>Anaxyrus californicus</i>	1	1	1 ^{inf}
<i>Anaxyrus canorus</i>	1	1	1
<i>Anaxyrus cognatus</i>	1	1	1
<i>Anaxyrus debilis</i>	1	1	1
<i>Anaxyrus exsul</i>	0	1	1
<i>Anaxyrus fowleri</i>	1	1	1
<i>Anaxyrus hemiophrys</i>	1	1	1 ^{inf}
<i>Anaxyrus houstonensis</i>	1	1	1
<i>Anaxyrus microscaphus</i>	1	1	1
<i>Anaxyrus nelsoni</i>	1	1	1 ^{inf}
<i>Anaxyrus punctatus</i>	1	1	1
<i>Anaxyrus quercicus</i>	1	1	1
<i>Anaxyrus retiformis</i>	?	1	1 ^{inf}
<i>Anaxyrus speciosus</i>	1	1	1 ^{inf}
<i>Anaxyrus terrestris</i>	1	1	1
<i>Anaxyrus woodhousii</i>	1	1	1
<i>Ansonia albomaculata</i>	0	1	1 ^{inf}
<i>Ansonia endauensis</i>	1	1	1 ^{inf}
<i>Ansonia fuliginea</i>	1	1	1 ^{inf}
<i>Ansonia guibei</i>	1	1	1 ^{inf}
<i>Ansonia hanitschi</i>	1	1	1 ^{inf}
<i>Ansonia inthanon</i>	1	1	1 ^{inf}
<i>Ansonia kraensis</i>	1	1	1 ^{inf}
<i>Ansonia latirostra</i>	1	1	1 ^{inf}
<i>Ansonia leptopus</i>	1	1	1 ^{inf}
<i>Ansonia longidigita</i>	1	1	1 ^{inf}
<i>Ansonia malayana</i>	1	1	1 ^{inf}
<i>Ansonia mcgregori</i>	0	1	1 ^{inf}
<i>Ansonia minuta</i>	1	1	1
<i>Ansonia muelleri</i>	0	1	1
<i>Ansonia penangensis</i>	1	1	1 ^{inf}
<i>Ansonia platysoma</i>	1	1	1 ^{inf}
<i>Ansonia siamensis</i>	0	1	1 ^{inf}

<i>Ansonia spinulifer</i>	1	1	1 ^{inf}
<i>Atelopus bomolochos</i>	0	0	0
<i>Atelopus chiriquiensis</i>	0	0	0
<i>Atelopus flavescens</i>	0	1	1
<i>Atelopus franciscus</i>	0	0&1	1
<i>Atelopus halihelos</i>	0	?	?
<i>Atelopus ignescens</i>	0	0	0
<i>Atelopus longirostris</i>	0	0	0
<i>Atelopus nanay</i>	0	0	0
<i>Atelopus oxapampae</i>	0	0	0
<i>Atelopus peruensis</i>	0	0	0
<i>Atelopus pulcher</i>	0	1	1
<i>Atelopus seminiiferus</i>	0	0	0
<i>Atelopus senex</i>	0	0	0
<i>Atelopus spumarius</i>	0	1	1
<i>Atelopus spurrelli</i>	0	0	0
<i>Atelopus tricolor</i>	0	0 ^{inf}	0
<i>Atelopus varius</i>	0	0	0
<i>Atelopus zeteki</i>	0	0	0
<i>Barbarophryne brongersmai</i>	1	1	1 ^{inf}
<i>Bufo aspinus</i>	0	0 ^{inf}	0
<i>Bufo bankorensis</i>	1	1	1
<i>Bufo bufo</i>	0&1	1	1
<i>Bufo cryptotympanicus</i>	0	?	?
<i>Bufo eichwaldi</i>	1	1	1 ^{inf}
<i>Bufo gargarizans</i>	1	1	1 ^{inf}
<i>Bufo japonicus</i>	1	1	1
<i>Bufo stejnegeri</i>	0	1	1 ^{inf}
<i>Bufo torrenticola</i>	0	1	1 ^{inf}
<i>Bufo tuberculatus</i>	1	1	1 ^{inf}
<i>Bufo tuberospinus</i>	0	0 ^{inf}	0
<i>Bufo verrucosissimus</i>	1	1	1 ^{inf}
<i>Bufotes balearicus</i>	?	1	1 ^{inf}
<i>Bufotes oblongus</i>	1	1	1 ^{inf}
<i>Bufotes pewzowi</i>	1	1	1 ^{inf}
<i>Bufotes siculus</i>	1	1	1 ^{inf}
<i>Bufotes variabilis</i>	1	1	1 ^{inf}
<i>Bufotes viridis</i>	1	1	1
<i>Capensibufo rosei</i>	0	0	0
<i>Capensibufo tradouwi</i>	1	1	1
<i>Churamiti maridadi</i>	0	0	0
<i>Dendrophryniscus berthaltutzae</i>	0	?	?
<i>Dendrophryniscus brevipollicatus</i>	0	0	0
<i>Dendrophryniscus carvalhoi</i>	0	?	?
<i>Dendrophryniscus krausae</i>	0	?	?
<i>Dendrophryniscus leucomystax</i>	0	0	0

<i>Dendrophryniscus proboscideus</i>	0	0	?
<i>Didynamipus sjostedti</i>	0	0	0
<i>Duttaphrynus atukoralei</i>	?	1	1 ^{inf}
<i>Duttaphrynus brevirostris</i>	?	1	1 ^{inf}
<i>Duttaphrynus crocus</i>	1	1	1 ^{inf}
<i>Duttaphrynus himalayanus</i>	0	1	1 ^{inf}
<i>Duttaphrynus hololius</i>	1	1	1 ^{inf}
<i>Duttaphrynus melanostictus</i>	1	1	1
<i>Duttaphrynus parietalis</i>	1	1	1
<i>Duttaphrynus scaber</i>	1	1	1
<i>Duttaphrynus stomaticus</i>	1	1	1
<i>Duttaphrynus stuarti</i>	1	1	1 ^{inf}
<i>Epidalea calamita</i>	0	1	1
<i>Ghatophryne ornata</i>	1	1	1 ^{inf}
<i>Incilius alvarius</i>	1	1	1
<i>Incilius aucoinae</i>	1	1	1
<i>Incilius bocourti</i>	0	0 ^{inf}	0
<i>Incilius campbelli</i>	1	1	1
<i>Incilius canaliferus</i>	1	1	1
<i>Incilius cavifrons</i>	1	1	1
<i>Incilius chompipe</i>	0	?	?
<i>Incilius coxifer</i>	1	1	1
<i>Incilius coniferus</i>	1	1	1
<i>Incilius cristatus</i>	0	1	1
<i>Incilius cycladen</i>	1	1 ^{inf}	1 ^{inf}
<i>Incilius fastidiosus</i>	0	0	0
<i>Incilius ibarrae</i>	1	1	1
<i>Incilius leucomyos</i>	1	1	1
<i>Incilius luetkenii</i>	1	1	1
<i>Incilius macrocristatus</i>	1	1	1
<i>Incilius marmoreus</i>	1	1	1
<i>Incilius mazatlanensis</i>	1	1	1
<i>Incilius melanochlorus</i>	1	1	1
<i>Incilius nebulifer</i>	?	?	1
<i>Incilius occidentalis</i>	0	1	1
<i>Incilius perplexus</i>	1	1	1
<i>Incilius pisinnus</i>	1	1	1 ^{inf}
<i>Incilius porteri</i>	1	1 ^{inf}	1 ^{inf}
<i>Incilius signifer</i>	1	1	1 ^{inf}
<i>Incilius spiculatus</i>	1	1	1
<i>Incilius tacanensis</i>	1	1 ^{inf}	1 ^{inf}
<i>Incilius tutelarius</i>	1	1	1
<i>Incilius valliceps</i>	1	1	1
<i>Ingerophrynus biporcatus</i>	1	1	1 ^{inf}
<i>Ingerophrynus celebensis</i>	1	1	1
<i>Ingerophrynus divergens</i>	1	1	1 ^{inf}

<i>Ingerophrynus galeatus</i>	1	1	1 ^{inf}
<i>Ingerophrynus macrotis</i>	1	1	1
<i>Ingerophrynus philippinicus</i>	1	1	1 ^{inf}
<i>Leptophryne borbonica</i>	0	1	1
<i>Melanophryniscus devincenzii</i>	0	0	0
<i>Melanophryniscus fulvoguttatus</i>	0	0	0
<i>Melanophryniscus klappenbachi</i>	0	0	0
<i>Melanophryniscus pachyrhynchus</i>	0	0	0
<i>Melanophryniscus rubriventris</i>	0	0	0
<i>Melanophryniscus stelzneri</i>	0	0	0
<i>Mertensophryne anotis</i>	0	0	0
<i>Mertensophryne lindneri</i>	0	0	0
<i>Mertensophryne loveridgei</i>	0	0 ^{inf}	0
<i>Mertensophryne micranotis</i>	0	?	?
<i>Mertensophryne taitana</i>	0	0	0
<i>Mertensophryne uzunguensis</i>	0	0	0
<i>Nannophryne cophotis</i>	0	0 ^{inf}	0
<i>Nannophryne variegata</i>	0	0	0
<i>Nectophryne afra</i>	0	0	0
<i>Nectophryne batesii</i>	0	0 ^{inf}	0
<i>Nectophrynoides minutus</i>	1	1	1
<i>Nectophrynoides tornieri</i>	1	1	1
<i>Nectophrynoides viviparus</i>	1	1	1
<i>Nimbaphrynoides occidentalis</i>	0	0	0
<i>Osornophryne antisana</i>	0	0	0
<i>Osornophryne bufoniformis</i>	0	0	0
<i>Osornophryne guacamayo</i>	0	0	0
<i>Osornophryne puruanta</i>	0	0 ^{inf}	0
<i>Osornophryne sumacoensis</i>	0	?	?
<i>Pedostibes tuberculosus</i>	1	1	1 ^{inf}
<i>Pelophryne brevipes</i>	1	1	1 ^{inf}
<i>Pelophryne misera</i>	1	1	1
<i>Pelophryne signata</i>	1	1	1 ^{inf}
<i>Peltophryne empusa</i>	1	1	1 ^{inf}
<i>Peltophryne fustiger</i>	1	1	1
<i>Peltophryne guentheri</i>	1	1	1 ^{inf}
<i>Peltophryne gundlachi</i>	1	1	1 ^{inf}
<i>Peltophryne lemur</i>	1	1	1
<i>Peltophryne longinasus</i>	0	?	?
<i>Peltophryne pectocephala</i>	1	1	1
<i>Peltophryne taladai</i>	1	1	1
<i>Phrynoidis asper</i>	1	1	1
<i>Phrynoidis juxtasper</i>	1	1	1
<i>Poyntonophrynus damaranus</i>	0	1	1 ^{inf}
<i>Poyntonophrynus dombensis</i>	1	1	1 ^{inf}
<i>Poyntonophrynus fenoulheti</i>	1	1	1 ^{inf}

<i>Poyntonophrynus vertebralis</i>	1	1	1 ^{inf}
<i>Rentapia hosii</i>	1	1	1
<i>Rentapia rugosa</i>	1	1	1 ^{inf}
<i>Rhaebo ecuadorensis</i>	0	1 ^{inf}	1 ^{inf}
<i>Rhaebo glaberrimus</i>	1	1	1
<i>Rhaebo guttatus</i>	1	1	1
<i>Rhaebo nasicus</i>	0	1	1 ^{inf}
<i>Rhinella achavali</i>	1	1	1 ^{inf}
<i>Rhinella amboroensis</i>	0	?	?
<i>Rhinella arenarum</i>	1	1	1
<i>Rhinella arequipensis</i>	1	1	1
<i>Rhinella arunco</i>	1	1	1
<i>Rhinella atacamensis</i>	1	1	1
<i>Rhinella castaneotica</i>	0	1	1
<i>Rhinella chavin</i>	1	1	1
<i>Rhinella dapsilis</i>	1	1	1
<i>Rhinella festae</i>	0	0	0
<i>Rhinella granulosa</i>	1	1	1 ^{inf}
<i>Rhinella humboldti</i>	1	1	1
<i>Rhinella icterica</i>	1	1	1
<i>Rhinella limensis</i>	1	1	1
<i>Rhinella macrorhina</i>	0	0	0
<i>Rhinella manu</i>	1	1	1
<i>Rhinella margaritifera</i>	1	1	1
<i>Rhinella marina</i>	1	1	1
<i>Rhinella nesiotes</i>	1	1	1 ^{inf}
<i>Rhinella ocellata</i>	1	1	1
<i>Rhinella ornata</i>	1	1	1
<i>Rhinella poeppigii</i>	1	1	1
<i>Rhinella rostrata</i>	0	0	0
<i>Rhinella schneideri</i>	1	1	1
<i>Rhinella spinulosa</i>	1	1	1
<i>Rhinella vellardi</i>	?	1	1
<i>Rhinella veraguensis</i>	0	?	1
<i>Sabahphrynus maculatus</i>	0	0	0
<i>Schismaderma carens</i>	1	1	1
<i>Sclerophrys brauni</i>	1	1	1 ^{inf}
<i>Sclerophrys garmani</i>	1	1	1 ^{inf}
<i>Sclerophrys gracilipes</i>	1	1	1
<i>Sclerophrys gutturalis</i>	1	1	1 ^{inf}
<i>Sclerophrys kisolensis</i>	1	1	1 ^{inf}
<i>Sclerophrys latifrons</i>	1	1	1 ^{inf}
<i>Sclerophrys lemairii</i>	1	1	1 ^{inf}
<i>Sclerophrys maculata</i>	1	1	1
<i>Sclerophrys mauritanica</i>	1	1	1
<i>Sclerophrys pantherina</i>	1	1	1

<i>Sclerophrys pardalis</i>	1	1	1
<i>Sclerophrys poweri</i>	1	1	1 ^{inf}
<i>Sclerophrys regularis</i>	1	1	1
<i>Sclerophrys steindachneri</i>	1	1	1 ^{inf}
<i>Sclerophrys tuberosa</i>	1	1	1
<i>Sclerophrys xeros</i>	1	1	1
<i>Strauchbufo raddei</i>	1	1	1
<i>Vandijkophrynus amatolicus</i>	1	1	1 ^{inf}
<i>Vandijkophrynus angusticeps</i>	1	1	1
<i>Vandijkophrynus gariepensis</i>	1	1	1
<i>Vandijkophrynus inyangae</i>	1	1	1 ^{inf}
<i>Vandijkophrynus robinsoni</i>	0	1	1 ^{inf}
<i>Werneria bambutensis</i>	0	?	?
<i>Werneria mertensiana</i>	0	0 ^{inf}	0
<i>Werneria tandyi</i>	0	?	?
<i>Wolterstorffina parvipalmata</i>	0	0 ^{inf}	0
<i>Xanthophryne koynayensis</i>	1	1	1 ^{inf}

Bufonidae not included in Pyron (2014)			
Species	Tympanic membrane	Tympanic annulus	Columella
<i>Adenomus kandianus</i>	0	1	1
<i>Altiphrynoides malcolmi</i>	0	0	0
<i>Altiphrynoides osgoodi</i>	0	0	0
<i>Amazophrynella amazonicola</i>	0	?	?
<i>Amazophrynella bokermanni</i>	0	?	?
<i>Amazophrynella javierbustamantei</i>	0	?	?
<i>Amazophrynella manaos</i>	0	?	?
<i>Amazophrynella matses</i>	0	?	?
<i>Amazophrynella vote</i>	0	?	?
<i>Anaxyrus compactilis</i>	1	1	1 ^{inf}
<i>Anaxyrus kelloggi</i>	?	1	1 ^{inf}
<i>Anaxyrus mexicanus</i>	1	1	1 ^{inf}
<i>Ansonia echinata</i>	0	1	1 ^{inf}
<i>Ansonia glandulosa</i>	1	1	1 ^{inf}
<i>Ansonia jeetsukumarani</i>	1	1	1 ^{inf}
<i>Ansonia latidisca</i>	1	1	1
<i>Ansonia latiffi</i>	1	1	1 ^{inf}
<i>Ansonia lumut</i>	1	1	1 ^{inf}
<i>Ansonia thinthinae</i>	1	1	1 ^{inf}
<i>Ansonia vidua</i>	1	1	1 ^{inf}
<i>Atelopus angelito</i>	0	0	0
<i>Atelopus ardila</i>	0	0	0
<i>Atelopus arthuri</i>	0	0	0
<i>Atelopus balios</i>	0	0	0
<i>Atelopus barbotini</i>	0	?	1
<i>Atelopus boulengeri</i>	0	0	0
<i>Atelopus carbonerensis</i>	0	0	0
<i>Atelopus carrikeri</i>	0	0	0
<i>Atelopus certus</i>	0	0	0
<i>Atelopus chirripoensis</i>	0	0	?
<i>Atelopus chrysocorallus</i>	0	?	?
<i>Atelopus coynei</i>	0	0	0
<i>Atelopus cruciger</i>	0	0	0
<i>Atelopus dimorphus</i>	0	0	0
<i>Atelopus ebenoides</i>	0	0	0
<i>Atelopus elegans</i>	0	0	0
<i>Atelopus epikeisthos</i>	0	?	?
<i>Atelopus eusebianus</i>	0	0	0
<i>Atelopus eusebiodiazi</i>	0	0	?
<i>Atelopus exiguus</i>	0	0	0
<i>Atelopus farci</i>	0	0	0
<i>Atelopus gigas</i>	0	0	0
<i>Atelopus glyphus</i>	0	0	0

<i>Atelopus guanujo</i>	0	0	0
<i>Atelopus guitarraensis</i>	0	0	0
<i>Atelopus hoogmoedi</i>	0	?	1
<i>Atelopus laetissimus</i>	0	0	0
<i>Atelopus limosus</i>	0	0	?
<i>Atelopus loettersi</i>	0	0	0
<i>Atelopus longibrachius</i>	0	0	0
<i>Atelopus lozanoi</i>	0	0	0
<i>Atelopus lynchi</i>	0	0	0
<i>Atelopus mandingues</i>	0	0	0
<i>Atelopus marinkellei</i>	0	?	?
<i>Atelopus mindoensis</i>	0	0	0
<i>Atelopus mittermeieri</i>	0	0	?
<i>Atelopus monohernandezii</i>	0	0	0
<i>Atelopus mucubajiensis</i>	0	0	0
<i>Atelopus muisca</i>	0	0 ^{inf}	0
<i>Atelopus nahumae</i>	0	0	0
<i>Atelopus nepiozomus</i>	0	?	?
<i>Atelopus nicefori</i>	0	0	0
<i>Atelopus nocturnus</i>	0	0	0
<i>Atelopus onorei</i>	0	0	?
<i>Atelopus orcesi</i>	0	0	0
<i>Atelopus oxyrhynchus</i>	0	0	0
<i>Atelopus pachydermus</i>	0	0	0
<i>Atelopus palmatus</i>	0	?	?
<i>Atelopus pastuso</i>	0	0	0
<i>Atelopus patazensis</i>	0	0	?
<i>Atelopus pedimarmoratus</i>	0	1	1 ^{inf}
<i>Atelopus petersi</i>	0	0	0
<i>Atelopus petriruizi</i>	0	0	0
<i>Atelopus pictiventris</i>	0	?	?
<i>Atelopus planispina</i>	0	0	0
<i>Atelopus podocarpus</i>	0	0	0
<i>Atelopus pyrodactylus</i>	0	?	?
<i>Atelopus reticulatus</i>	0	?	?
<i>Atelopus sanjosei</i>	0	0	0
<i>Atelopus sernai</i>	0	0	0
<i>Atelopus simulatus</i>	0	0	0
<i>Atelopus siranus</i>	0	1	1 ^{inf}
<i>Atelopus sonsonensis</i>	0	0	0
<i>Atelopus soriano</i>	0	0	0
<i>Atelopus tamaense</i>	0	?	?
<i>Atelopus subornatus</i>	0	0	0
<i>Atelopus vogli</i>	0	0	0
<i>Atelopus walkeri</i>	0	0	0
<i>Blythophryne beryet</i>	1	1	1

<i>Bufo ailaoanus</i>	0	?	?
<i>Bufo pageoti</i>	0	1	?
<i>Bufoides meghalayana</i>	0	?	?
<i>Bufotes latastii</i>	1	1	1 ^{inf}
<i>Bufotes luristanicus</i>	1	1	1 ^{inf}
<i>Bufotes pseudoraddei</i>	?	1	1 ^{inf}
<i>Bufotes surdus</i>	0	?	?
<i>Bufotes turanensis</i>	1	1	1 ^{inf}
<i>Bufotes zugmayeri</i>	1	1	1 ^{inf}
<i>Dendrophryniscus oreites</i>	0	?	?
<i>Dendrophryniscus organensis</i>	0	?	?
<i>Dendrophryniscus skuki</i>	0	?	?
<i>Dendrophryniscus stawarskyi</i>	0	?	?
<i>Duttaphrynus beddomii</i>	0	1	1 ^{inf}
<i>Duttaphrynus chandai</i>	0	1	1 ^{inf}
<i>Duttaphrynus kiphirensis</i>	1	1	1 ^{inf}
<i>Duttaphrynus kotagamai</i>	1	1	1 ^{inf}
<i>Duttaphrynus mamitensis</i>	1	1	1 ^{inf}
<i>Duttaphrynus manipurensis</i>	1	1	1 ^{inf}
<i>Duttaphrynus microtympanum</i>	?	1	1 ^{inf}
<i>Duttaphrynus mizoramensis</i>	1	1	1 ^{inf}
<i>Duttaphrynus nagalandensis</i>	1	1	1 ^{inf}
<i>Duttaphrynus noellerti</i>	1	1	1 ^{inf}
<i>Duttaphrynus olivaceus</i>	1	1 ^{inf}	1 ^{inf}
<i>Duttaphrynus sumatranus</i>	1	1	1 ^{inf}
<i>Duttaphrynus totol</i>	1	1	1 ^{inf}
<i>Duttaphrynus valhallae</i>	1	1	1 ^{inf}
<i>Duttaphrynus wokhaensis</i>	1	1	1 ^{inf}
<i>Frostius erythrophthalmus</i>	1	1 ^{inf}	1 ^{inf}
<i>Frostius pernambucensis</i>	1	1	1
<i>Ghatophryne rubigina</i>	1	1 ^{inf}	1 ^{inf}
<i>Incilius aurarius</i>	1	1	1 ^{inf}
<i>Incilius epioticus</i>	0	0	0
<i>Incilius guanacaste</i>	0	?	?
<i>Incilius holdridgei</i>	0	0	0
<i>Incilius intermedius</i>	?	1	1 ^{inf}
<i>Incilius karenlipsae</i>	1	1	1 ^{inf}
<i>Incilius majordomus</i>	0	0	0
<i>Incilius mccoysi</i>	0	1	?
<i>Incilius periglenes</i>	0	0	0
<i>Incilius peripatetes</i>	0	0	0
<i>Ingerophrynus claviger</i>	1	1	1 ^{inf}
<i>Ingerophrynus gollum</i>	1	1 ^{inf}	1 ^{inf}
<i>Ingerophrynus kumquat</i>	1	1 ^{inf}	1 ^{inf}
<i>Ingerophrynus parvus</i>	1	1	1 ^{inf}
<i>Ingerophrynus quadriporcatus</i>	1	1	1 ^{inf}

<i>Laurentophryne parkeri</i>	0	0	0
<i>Leptophryne cruentata</i>	0	1	1 ^{inf}
<i>Melanophryniscus admirabilis</i>	0	?	?
<i>Melanophryniscus alipioi</i>	0	?	?
<i>Melanophryniscus atroluteus</i>	0	0	0
<i>Melanophryniscus biancae</i>	0	?	?
<i>Melanophryniscus cambaraensis</i>	0	?	?
<i>Melanophryniscus cupreuscapularis</i>	0	?	?
<i>Melanophryniscus dorsalis</i>	0	?	?
<i>Melanophryniscus estebani</i>	0	?	?
<i>Melanophryniscus krauczuki</i>	0	0	0
<i>Melanophryniscus langonei</i>	0	?	?
<i>Melanophryniscus macrogranulosus</i>	0	0	0
<i>Melanophryniscus milanoi</i>	0	?	?
<i>Melanophryniscus montevidensis</i>	0	0	0
<i>Melanophryniscus moreirae</i>	0	0	0
<i>Melanophryniscus paraguayensis</i>	0	?	?
<i>Melanophryniscus peritus</i>	0	?	?
<i>Melanophryniscus sanmartini</i>	0	?	?
<i>Melanophryniscus setiba</i>	0	0	0
<i>Melanophryniscus simplex</i>	0	?	?
<i>Melanophryniscus spectabilis</i>	0	?	?
<i>Melanophryniscus tumifrons</i>	0	0	0
<i>Melanophryniscus vilavelhensis</i>	0	?	?
<i>Melanophryniscus xanthostomus</i>	0	?	?
<i>Mertensophryne howelli</i>	0	0 ^{inf}	0
<i>Mertensophryne lonnbergi</i>	0	0	0
<i>Mertensophryne melanopleura</i>	0	0	?
<i>Mertensophryne mocquardi</i>	0	?	?
<i>Mertensophryne nairobiensis</i>	0	?	?
<i>Mertensophryne nyikae</i>	0	?	?
<i>Mertensophryne schmidtii</i>	0	0	0
<i>Mertensophryne usambarae</i>	0	0 ^{inf}	0
<i>Metaphryniscus sosai</i>	0	0	?
<i>Nannophryne apolobambica</i>	0	0	?
<i>Nannophryne corynetes</i>	0	0	0
<i>Nectophrynoides asperginis</i>	0	?	1
<i>Nectophrynoides cryptus</i>	0&1	0	0
<i>Nectophrynoides frontierei</i>	0	0	0
<i>Nectophrynoides laevis</i>	0	?	?
<i>Nectophrynoides laticeps</i>	0	1	1 ^{inf}
<i>Nectophrynoides paulae</i>	1	1	1 ^{inf}
<i>Nectophrynoides poyntoni</i>	1	1	1
<i>Nectophrynoides pseudotornieri</i>	0	?	?
<i>Nectophrynoides vestergaardi</i>	1	1	1
<i>Nectophrynoides wendyae</i>	0	?	?

<i>Oreophrynella cryptica</i>	0	?	?
<i>Oreophrynella dendronastes</i>	0	?	?
<i>Oreophrynella huberi</i>	0	?	?
<i>Oreophrynella nigra</i>	0	?	?
<i>Oreophrynella quelchii</i>	0	0	0
<i>Oreophrynella seegobini</i>	0	?	?
<i>Oreophrynella vasquezi</i>	0	?	?
<i>Oreophrynella weassipuensis</i>	0	?	?
<i>Osornophryne angel</i>	0	?	?
<i>Osornophryne cofanorum</i>	0	?	?
<i>Osornophryne occidentalis</i>	0	0	?
<i>Osornophryne percrassa</i>	0	0	0
<i>Osornophryne simpsoni</i>	0	0	0
<i>Osornophryne talipes</i>	0	?	?
<i>Parapelophryne scalpta</i>	0	1	1
<i>Pedostibes kemp</i>	0	?	?
<i>Pelophryne albotaeniata</i>	1	1	1
<i>Pelophryne api</i>	1	1	1 ^{inf}
<i>Pelophryne guentheri</i>	1	1	1 ^{inf}
<i>Pelophryne lighti</i>	1	1	1 ^{inf}
<i>Pelophryne linanitensis</i>	1	1	1 ^{inf}
<i>Pelophryne murudensis</i>	1	1	1 ^{inf}
<i>Pelophryne rhopophilia</i>	1	1	1 ^{inf}
<i>Pelophryne saravacensis</i>	0	1	1 ^{inf}
<i>Peltophryne cataulaciceps</i>	0	1	1 ^{inf}
<i>Peltophryne florentinoi</i>	1	1	1 ^{inf}
<i>Peltophryne fluviatica</i>	?	1	1 ^{inf}
<i>Peltophryne fracta</i>	?	1	1 ^{inf}
<i>Poyntonophrynus beirani</i>	0	1	1 ^{inf}
<i>Poyntonophrynus grandisonae</i>	1	1	1
<i>Poyntonophrynus hoeschi</i>	0	1	1 ^{inf}
<i>Poyntonophrynus kavangensis</i>	1	1	1 ^{inf}
<i>Poyntonophrynus lughensis</i>	1	1 ^{inf}	1 ^{inf}
<i>Poyntonophrynus parkeri</i>	?	1	1 ^{inf}
<i>Pseudobufo subasper</i>	1	1	1
<i>Pedostibes everetti</i>	1	1	1 ^{inf}
<i>Rhaebo andinophrynoides</i>	1	1	1 ^{inf}
<i>Rhaebo atelopoides</i>	1	1	1
<i>Rhaebo blombergi</i>	1	1	1
<i>Rhaebo caeruleostictus</i>	0	1	1
<i>Rhaebo colomai</i>	0	1	1
<i>Rhaebo haematiticus</i>	1	1	1
<i>Rhaebo hypomelas</i>	1	1	1 ^{inf}
<i>Rhaebo lynchi</i>	1	1 ^{inf}	1 ^{inf}
<i>Rhaebo olallai</i>	0	1	1
<i>Rhinella abei</i>	1	1	1 ^{inf}

<i>Rhinella achalensis</i>	1	1	1
<i>Rhinella acrolopha</i>	0	0	0
<i>Rhinella acutirostris</i>	1	1	1 ^{inf}
<i>Rhinella alata</i>	1	1	1 ^{inf}
<i>Rhinella amabilis</i>	1	1	1
<i>Rhinella arborescandens</i>	0	0	0
<i>Rhinella azarai</i>	1	1	1 ^{inf}
<i>Rhinella bergi</i>	1	1	1 ^{inf}
<i>Rhinella bernardoi</i>	1	1	1 ^{inf}
<i>Rhinella casconi</i>	1	1	1 ^{inf}
<i>Rhinella centralis</i>	1	1	1 ^{inf}
<i>Rhinella ceratophrys</i>	1	1	1 ^{inf}
<i>Rhinella cerradensis</i>	1	1	1 ^{inf}
<i>Rhinella chrysophora</i>	0	1	1
<i>Rhinella cristinae</i>	0	0	0
<i>Rhinella crucifer</i>	1	1	1
<i>Rhinella diptycha</i>	?	1	1 ^{inf}
<i>Rhinella dorbignyi</i>	0&1	1	1 ^{inf}
<i>Rhinella fernandezae</i>	0&1	1	1
<i>Rhinella fissipes</i>	0	?	?
<i>Rhinella gallardoi</i>	1	1	1 ^{inf}
<i>Rhinella gildae</i>	1	1	1 ^{inf}
<i>Rhinella gnustae</i>	1	1	1 ^{inf}
<i>Rhinella henseli</i>	1	1	1 ^{inf}
<i>Rhinella hoogmoedi</i>	1	1	1 ^{inf}
<i>Rhinella inca</i>	1	1	?
<i>Rhinella inopina</i>	1	1	1 ^{inf}
<i>Rhinella iserni</i>	0	0	0
<i>Rhinella jimi</i>	1	1	1 ^{inf}
<i>Rhinella justiniano</i>	0	?	?
<i>Rhinella leptoscelis</i>	1	1	1 ^{inf}
<i>Rhinella lescurei</i>	1	1	1 ^{inf}
<i>Rhinella lindae</i>	0&1	0&1	1
<i>Rhinella magnussoni</i>	1	1	1 ^{inf}
<i>Rhinella major</i>	1	1	1
<i>Rhinella martyi</i>	1	1	1 ^{inf}
<i>Rhinella merianae</i>	1	1	1 ^{inf}
<i>Rhinella mirandaribeiroi</i>	1	1	1
<i>Rhinella multiverrucosa</i>	1	1	1
<i>Rhinella nattereri</i>	1	1	1 ^{inf}
<i>Rhinella nicefori</i>	0	0	0
<i>Rhinella paraguas</i>	0	0	1
<i>Rhinella paraguayensis</i>	0	1	1 ^{inf}
<i>Rhinella proboscidea</i>	1	1	1
<i>Rhinella pygmaea</i>	1	1	1
<i>Rhinella quechua</i>	0	?	?

<i>Rhinella roqueana</i>	1	1 ^{inf}	1 ^{inf}
<i>Rhinella rubescens</i>	1	1	1
<i>Rhinella rubropunctata</i>	1	1	1
<i>Rhinella ruizi</i>	0	0	0
<i>Rhinella rumbolli</i>	1	1	1 ^{inf}
<i>Rhinella scitula</i>	1	1	1 ^{inf}
<i>Rhinella sclerocephala</i>	1	1	1 ^{inf}
<i>Rhinella sebbeni</i>	1	1	1 ^{inf}
<i>Rhinella stanlaidi</i>	1	1	1
<i>Rhinella sternosignata</i>	1	1	1
<i>Rhinella tacana</i>	1	1	1 ^{inf}
<i>Rhinella tenrec</i>	0	0	0
<i>Rhinella truebae</i>	1	1 ^{inf}	1 ^{inf}
<i>Rhinella veredas</i>	1	1	1 ^{inf}
<i>Rhinella yanachaga</i>	1	1	1
<i>Rhinella yunga</i>	0	?	?
<i>Sclerophrys arabica</i>	1	1	1 ^{inf}
<i>Sclerophrys asmarae</i>	1	1	1 ^{inf}
<i>Sclerophrys blanfordii</i>	?	1	1 ^{inf}
<i>Sclerophrys buchneri</i>	1	1	1 ^{inf}
<i>Sclerophrys capensis</i>	1	1	1 ^{inf}
<i>Sclerophrys channingi</i>	1	1	1 ^{inf}
<i>Sclerophrys chudeaui</i>	0	1	1 ^{inf}
<i>Sclerophrys cristiglans</i>	1	1	1 ^{inf}
<i>Sclerophrys danielae</i>	1	1	1 ^{inf}
<i>Sclerophrys dodsoni</i>	1	1	1 ^{inf}
<i>Sclerophrys fuliginata</i>	1	1	1 ^{inf}
<i>Sclerophrys funerea</i>	?	?	1
<i>Sclerophrys kassasii</i>	1	1	1 ^{inf}
<i>Sclerophrys kerinyagae</i>	1	1	1 ^{inf}
<i>Sclerophrys pentoni</i>	?	1	1 ^{inf}
<i>Sclerophrys perreti</i>	1	1	1 ^{inf}
<i>Sclerophrys reesi</i>	1	1	1 ^{inf}
<i>Sclerophrys superciliaris</i>	1	1	1 ^{inf}
<i>Sclerophrys taiensis</i>	1	1	1 ^{inf}
<i>Sclerophrys urunguensis</i>	1	1	1 ^{inf}
<i>Sclerophrys vittata</i>	1	1	1 ^{inf}
<i>Truebella skoptes</i>	0	0	0
<i>Truebella tothastes</i>	0	0	0
<i>Werneria iboundji</i>	0	?	?
<i>Werneria preussi</i>	0	0	0
<i>Werneria submontana</i>	0	?	?
<i>Wolterstorffina mirei</i>	0	0	0
<i>Xanthophryne tigerina</i>	0	1	1 ^{inf}

Anura included in Pyron (2014)				
Family	Species	Tympanic membrane	Tympanic annulus	Columella
Allophrynidae	<i>Allophryne ruthveni</i>	1	1	1
Alsodidae	<i>Alsodes barrioi</i>	0	0	0
	<i>Alsodes coppingeri</i>	0	0	0
	<i>Alsodes gargola</i>	0	0	0
	<i>Alsodes nodosus</i>	0	1	1
	<i>Alsodes pehuenche</i>	0 ^{inf}	0 ^{inf}	0
	<i>Alsodes tumultuosus</i>	0	0	0
	<i>Alsodes valdiviensis</i>	0	0	0
	<i>Alsodes vanzolinii</i>	0 ^{inf}	0 ^{inf}	0
	<i>Eupsophus calcaratus</i>	?	?	1
	<i>Eupsophus contulmoensis</i>	1	1 ^{inf}	1 ^{inf}
	<i>Eupsophus emiliopugini</i>	?	1	1 ^{inf}
	<i>Eupsophus roseus</i>	1	1	1
	<i>Eupsophus septentrionalis</i>	1	1 ^{inf}	1
	<i>Eupsophus vertebralis</i>	1	1	1
	<i>Limnomedusa macroglossa</i>	0	1	1
Alytidae	<i>Alytes cisternasii</i>	?	1	1 ^{inf}
	<i>Alytes obstetricans</i>	1	1	1
	<i>Discoglossus montalentii</i>	?	1	1 ^{inf}
	<i>Discoglossus pictus</i>	0	?	1
	<i>Discoglossus sardus</i>	?	1	1
	<i>Discoglossus scovazzi</i>	?	1	1 ^{inf}
Aromobatidae	<i>Allobates brunneus</i>	1	1	1 ^{inf}
	<i>Allobates femoralis</i>	?	1	1
	<i>Allobates granti</i>	?	1	1 ^{inf}
	<i>Allobates insperatus</i>	?	1	1
	<i>Allobates juanii</i>	?	1	1
	<i>Allobates kingsburyi</i>	?	1	1
	<i>Allobates talamancae</i>	0	1	1
	<i>Allobates undulatus</i>	?	1	1
	<i>Anomaloglossus baebatrachus</i>	1	1	1 ^{inf}
	<i>Anomaloglossus beebei</i>	?	1	1 ^{inf}
	<i>Anomaloglossus kaiei</i>	0	1	?
	<i>Aromobates nocturnus</i>	?	1	1
	<i>Mannophryne collaris</i>	?	1	1
	<i>Mannophryne herminae</i>	1	1	1
	<i>Mannophryne trinitatis</i>	?	1	1
	<i>Rheobates palmatus</i>	?	1	1 ^{inf}
Arthroleptidae	<i>Arthroleptis adolfifriederici</i>	?	?	1
	<i>Arthroleptis affinis</i>	1	1	1 ^{inf}
	<i>Arthroleptis poecilonotus</i>	?	1	1
	<i>Arthroleptis stenodactylus</i>	0&1	1	1

Arthroleptidae (cont.)	<i>Arthroleptis taeniatus</i>	1	1	1
	<i>Arthroleptis reichi</i>	?	?	1
	<i>Arthroleptis schubotzi</i>	?	?	1
	<i>Arthroleptis tanneri</i>	1	1	1 ^{inf}
	<i>Arthroleptis variabilis</i>	0	1	1
	<i>Arthroleptis wahlbergii</i>	?	1	1 ^{inf}
	<i>Arthroleptis xenodactyloides</i>	1	1	1
	<i>Astylosternus batesii</i>	0	1	1 ^{inf}
	<i>Astylosternus diadematus</i>	1	1	1
	<i>Cardioglossa gracilis</i>	1	1	1
	<i>Cardioglossa leucomystax</i>	1	1	1 ^{inf}
	<i>Cardioglossa manengouba</i>	0	1	1 ^{inf}
	<i>Cardioglossa oreas</i>	0	1	1 ^{inf}
	<i>Leptodactylodon bicolor</i>	0	?	?
	<i>Leptopelis argenteus</i>	?	1	1 ^{inf}
	<i>Leptopelis bocagii</i>	0	1	1
	<i>Leptopelis calcaratus</i>	?	1	1
	<i>Leptopelis kivuensis</i>	1	1	1 ^{inf}
	<i>Leptopelis millsoni</i>	?	1	1
	<i>Leptopelis vermiculatus</i>	1	1	1
	<i>Nyctibates corrugatus</i>	0	1	1
	<i>Scotobleps gabonicus</i>	1	1	1
	<i>Trichobatrachus robustus</i>	0	1	1
Ascaphidae	<i>Ascaphus truei</i>	0	0	0
Batrachylidae	<i>Atelognathus patagonicus</i>	0 ^{inf}	0 ^{inf}	0
	<i>Atelognathus salai</i>	0 ^{inf}	0 ^{inf}	0
	<i>Batrachyla leptopus</i>	1	1	1
	<i>Batrachyla taeniata</i>	?	?	1
	<i>Hylorina sylvatica</i>	1	1	1
Bombinatoridae	<i>Barbourula busuangensis</i>	0	?	1
	<i>Bombina bombina</i>	0	0	0
	<i>Bombina maxima</i>	?	?	1 [*]
	<i>Bombina orientalis</i>	0	0	1 [*]
	<i>Bombina pachypus</i>	?	?	1 [*]
	<i>Bombina variegata</i>	0	0	1 [*]
Brachycephalidae	<i>Brachycephalus alipioi</i>	0	0	?
	<i>Brachycephalus brunneus</i>	0	0	0
	<i>Brachycephalus didactylus</i>	0	0	0
	<i>Brachycephalus ephippium</i>	0	0	0
	<i>Brachycephalus ferruginus</i>	0	0	0
	<i>Brachycephalus hermogenesi</i>	0	0	0
	<i>Brachycephalus izeckshoni</i>	0	0	0
	<i>Brachycephalus nodoterga</i>	0	0	0
	<i>Brachycephalus pernix</i>	0	0	0
	<i>Brachycephalus pitanga</i>	0	0	?

Brachycephalidae (cont.)	<i>Brachycephalus pombali</i>	0	0	0
	<i>Brachycephalus vertebralis</i>	0	0	0
	<i>Ischnocnema bolbodactyla</i>	1	1	1 ^{inf}
	<i>Ischnocnema erythromera</i>	1	1	1 ^{inf}
	<i>Ischnocnema guentheri</i>	1	1	1
	<i>Ischnocnema hoehnei</i>	1	1	1 ^{inf}
	<i>Ischnocnema holti</i>	0	1	1 ^{inf}
	<i>Ischnocnema izecksohni</i>	1	1	1 ^{inf}
	<i>Ischnocnema juipoca</i>	1	1	1 ^{inf}
	<i>Ischnocnema lactea</i>	1	1	1 ^{inf}
	<i>Ischnocnema nasuta</i>	1	1	1
	<i>Ischnocnema octavioi</i>	1	1	1
	<i>Ischnocnema oea</i>	1	1	1 ^{inf}
	<i>Ischnocnema parva</i>	1	1	1
	<i>Ischnocnema sambaqui</i>	1	1	1 ^{inf}
	<i>Ischnocnema spanios</i>	0	?	?
	<i>Ischnocnema venancioi</i>	1	1	1
	<i>Ischnocnema verrucosa</i>	1	1	1 ^{inf}
Brevicipitidae	<i>Balebreviceps hillmani</i>	0	0	0
	<i>Breviceps fuscus</i>	0	?	1
	<i>Breviceps mossambicus</i>	0	1	1
	<i>Callulina kreffti</i>	1	1	1
	<i>Probreviceps loveridgei</i>	0	1	1
	<i>Probreviceps macrodactylus</i>	0	1	1
	<i>Probreviceps rungwensis</i>	0	1	1
	<i>Probreviceps uluguruensis</i>	0	1	1
	<i>Spelaeophryne methneri</i>	?	1	1
Calyptocephalellidae	<i>Calyptocephalella gayi</i>	1	1	1
	<i>Telmatobufo bullocki</i>	0	0	0
	<i>Telmatobufo venustus</i>	0	0	0
Centrolenidae	<i>Celsiella revocata</i>	?	1	1 ^{inf}
	<i>Celsiella vozmedianoi</i>	?	1	1 ^{inf}
	<i>Centrolene altitudinale</i>	1	1	1 ^{inf}
	<i>Centrolene bacatum</i>	1	1	1 ^{inf}
	<i>Centrolene ballux</i>	?	1	1 ^{inf}
	<i>Centrolene buckleyi</i>	0	1	1 ^{inf}
	<i>Centrolene condor</i>	0	1	1 ^{inf}
	<i>Centrolene daidaleum</i>	1	1	1 ^{inf}
	<i>Centrolene geckoideum</i>	1	1	1 ^{inf}
	<i>Centrolene heloderma</i>	?	1	1 ^{inf}
	<i>Centrolene peristictum</i>	1	1	1 ^{inf}
	<i>Centrolene pipilatum</i>	1	1	1 ^{inf}
	<i>Centrolene venezuelense</i>	?	1	1 ^{inf}
	<i>Cochranella euknemos</i>	1	1	1
	<i>Cochranella litoralis</i>	?	1	1 ^{inf}

Centrolenidae (cont.)	<i>Cochranella nola</i>	?	1	1 ^{inf}
	<i>Espadarana andina</i>	1	1	1 ^{inf}
	<i>Espadarana callistomma</i>	1	1	1
	<i>Espadarana prosoblepon</i>	1	1	1 ^{inf}
	<i>Hyalinobatrachium aureoguttatum</i>	1	1	1
	<i>Hyalinobatrachium bergeri</i>	0	1	1 ^{inf}
	<i>Hyalinobatrachium colymbiphylum</i>	0	1	1
	<i>Hyalinobatrachium eccentricum</i>	?	1	1 ^{inf}
	<i>Hyalinobatrachium fleischmanni</i>	0&1	1	1
	<i>Hyalinobatrachium iaspidiense</i>	0	1	1 ^{inf}
	<i>Hyalinobatrachium ibama</i>	?	1	1 ^{inf}
	<i>Hyalinobatrachium igniocularis</i>	?	1	1 ^{inf}
	<i>Hyalinobatrachium mondolfii</i>	0	1	1 ^{inf}
	<i>Hyalinobatrachium munozorum</i>	0	1	1 ^{inf}
	<i>Hyalinobatrachium orocostale</i>	0	1	1 ^{inf}
	<i>Hyalinobatrachium talamancae</i>	0	1	1 ^{inf}
	<i>Hyalinobatrachium taylori</i>	1	1	1 ^{inf}
	<i>Ikakogi tayrona</i>	0	1	1
	<i>Nymphargus bejaranoi</i>	1	1	1 ^{inf}
	<i>Nymphargus cochranae</i>	1	1	1 ^{inf}
	<i>Nymphargus grandisonae</i>	?	1	1 ^{inf}
	<i>Nymphargus griffithsi</i>	?	1	1 ^{inf}
	<i>Nymphargus megacheirus</i>	?	1	1 ^{inf}
	<i>Nymphargus posadae</i>	0	1	1 ^{inf}
	<i>Nymphargus siren</i>	1	1	1 ^{inf}
	<i>Nymphargus wileyi</i>	1	1	1 ^{inf}
	<i>Rulyrana adiazeta</i>	?	1	1 ^{inf}
	<i>Rulyrana flavopunctata</i>	?	1	1 ^{inf}
	<i>Sachatamia albomaculata</i>	1	1	1 ^{inf}
	<i>Sachatamia ilex</i>	0	1	1 ^{inf}
	<i>Teratohyla midas</i>	1	1	1 ^{inf}
	<i>Teratohyla pulverata</i>	1	1	1 ^{inf}
	<i>Vitreorana antisthenesi</i>	1	1	1 ^{inf}
	<i>Vitreorana gorzulae</i>	0	1	1 ^{inf}
	<i>Vitreorana ritae</i>	1	1	1 ^{inf}
	<i>Vitreorana uranoscopa</i>	1	1	1
Ceratobatrachidae	<i>Alcalus baluensis</i>	?	1	1 ^{inf}
	<i>Cornufer guentheri</i>	?	1	1
	<i>Cornufer guppyi</i>	?	1	1
	<i>Cornufer papuensis</i>	1	1	1 ^{inf}

Ceratobatrachidae (cont.)	<i>Cornufer vertebralis</i>	0	1	1
	<i>Platymantis corrugatus</i>	1	1	1
	<i>Platymantis dorsalis</i>	?	1	1
	<i>Platymantis hazelae</i>	?	1	1
Ceratophryidae	<i>Ceratophrys cornuta</i>	0	1	1 ^{inf}
	<i>Ceratophrys ornata</i>	1	1	1
	<i>Chacophrys pierottii</i>	1	1	1
	<i>Lepidobatrachus laevis</i>	1	1	1
Conrauidae	<i>Conraua crassipes</i>	0	1	1
	<i>Conraua goliath</i>	?	1	1
Craugastoridae	<i>Barycholos pulcher</i>	1	1	1
	<i>Bryophryne cophites</i>	0	0	0
	<i>Ceuthomantis smaragdinus</i>	1	1	1
	<i>Craugastor alfredi</i>	1	1	1 ^{inf}
	<i>Craugastor andi</i>	1	1	1 ^{inf}
	<i>Craugastor angelicus</i>	1	1	1 ^{inf}
	<i>Craugastor augusti</i>	1	1	1
	<i>Craugastor bocourti</i>	1	1	1 ^{inf}
	<i>Craugastor bransfordii</i>	1	1	1 ^{inf}
	<i>Craugastor crassidigitus</i>	1	1	1 ^{inf}
	<i>Craugastor cuaquero</i>	1	1	1 ^{inf}
	<i>Craugastor daryi</i>	1	1	1 ^{inf}
	<i>Craugastor emcelae</i>	1	1	1 ^{inf}
	<i>Craugastor fitzingeri</i>	1	1	1
	<i>Craugastor fleischmanni</i>	1	1	1 ^{inf}
	<i>Craugastor laticeps</i>	1	1	1 ^{inf}
	<i>Craugastor lineatus</i>	1	1	1 ^{inf}
	<i>Craugastor loki</i>	1	1	1 ^{inf}
	<i>Craugastor longirostris</i>	1	1	1
	<i>Craugastor megacephalus</i>	1	1	1 ^{inf}
	<i>Craugastor melanostictus</i>	1	1	1 ^{inf}
	<i>Craugastor mexicanus</i>	1	1	1 ^{inf}
	<i>Craugastor montanus</i>	1	1	1 ^{inf}
	<i>Craugastor obesus</i>	1	1	1 ^{inf}
	<i>Craugastor podiciferus</i>	1	1	1
	<i>Craugastor punctariolus</i>	1	1	1 ^{inf}
	<i>Craugastor pygmaeus</i>	1	1	1 ^{inf}
	<i>Craugastor raniformis</i>	1	1	1 ^{inf}
	<i>Craugastor ranoides</i>	1	1	1 ^{inf}
	<i>Craugastor rhodopis</i>	1	1	1
	<i>Craugastor rugulosus</i>	1	1	1 ^{inf}
	<i>Craugastor rupinius</i>	1	1	1 ^{inf}
	<i>Craugastor sandersoni</i>	1	1	1 ^{inf}
	<i>Craugastor spatulatus</i>	1	1	1 ^{inf}
	<i>Craugastor stuarti</i>	1	1	1 ^{inf}

Craugastoridae (cont.)	<i>Craugastor tabasarae</i>	1	1	1 ^{inf}
	<i>Craugastor talamancae</i>	1	1	1 ^{inf}
	<i>Craugastor tarahumaraensis</i>	1	1	1 ^{inf}
	<i>Craugastor uno</i>	1	1	1 ^{inf}
	<i>Euparkerella brasiliensis</i>	0	0	0
	<i>Haddadus binotatus</i>	1	1	1
	<i>Holoaden bradei</i>	0	0	0
	<i>Holoaden luederwaldti</i>	0	0	?
	<i>Hypodactylus brunneus</i>	1	1	1 ^{inf}
	<i>Hypodactylus dolops</i>	1	1	1
	<i>Hypodactylus elassodiscus</i>	1	1	1 ^{inf}
	<i>Hypodactylus peraccai</i>	1	1	1 ^{inf}
	<i>Lynchiuss flavomaculatus</i>	1	1	1
	<i>Lynchiuss nebulanastes</i>	1	1	1
	<i>Lynchiuss parkeri</i>	0	1	1 ^{inf}
	<i>Lynchiuss simmonsii</i>	1	1	1 ^{inf}
	<i>Noblella heyeri</i>	1	1 ^{inf}	1
	<i>Noblella lochites</i>	1	1	1 ^{inf}
	<i>Noblella myrmecoides</i>	1	1	1
	<i>Noblella peruviana</i>	1	1	1
	<i>Oreobates barituensis</i>	1	1	1 ^{inf}
	<i>Oreobates choristolemma</i>	1	1	1 ^{inf}
	<i>Oreobates cruralis</i>	1	1	1 ^{inf}
	<i>Oreobates discoidalis</i>	1	1	1
	<i>Oreobates granulosus</i>	1	1	1 ^{inf}
	<i>Oreobates heterodactylus</i>	1	1	1 ^{inf}
	<i>Oreobates ibischi</i>	1	1	1 ^{inf}
	<i>Oreobates lehri</i>	1	1	1 ^{inf}
	<i>Oreobates madidi</i>	1	1	1 ^{inf}
	<i>Oreobates pereger</i>	1	1	1 ^{inf}
	<i>Oreobates quixensis</i>	1	1	1
	<i>Oreobates sanctaecrucis</i>	1	1	1 ^{inf}
	<i>Oreobates sanderi</i>	1	1	1 ^{inf}
	<i>Oreobates saxatilis</i>	1	1	1 ^{inf}
	<i>Phrynopus barthlenae</i>	0	0	?
	<i>Phrynopus bracki</i>	0	0	?
	<i>Phrynopus bufoides</i>	0	0	?
	<i>Phrynopus horstpauli</i>	0	0	?
	<i>Phrynopus juninensis</i>	0	0	0
	<i>Phrynopus kauneorum</i>	0	0	?
	<i>Phrynopus pesantesi</i>	0	0	?
	<i>Phrynopus tautzorum</i>	0	0	?
	<i>Pristimantis acatallelus</i>	0	1	1 ^{inf}
	<i>Pristimantis acerus</i>	1	1	1 ^{inf}
	<i>Pristimantis achatinus</i>	1	1	1

Craugastoridae (cont.)	<i>Pristimantis actites</i>	1	1	1 ^{inf}
	<i>Pristimantis acuminatus</i>	0	1	1 ^{inf}
	<i>Pristimantis altae</i>	1	1	1 ^{inf}
	<i>Pristimantis altamazonicus</i>	0	1	1
	<i>Pristimantis angustilineatus</i>	1	1	1 ^{inf}
	<i>Pristimantis aniptopalmatus</i>	?	1	1 ^{inf}
	<i>Pristimantis appendiculatus</i>	1	1	1 ^{inf}
	<i>Pristimantis ardalonychus</i>	0	1	1 ^{inf}
	<i>Pristimantis bipunctatus</i>	?	1	1 ^{inf}
	<i>Pristimantis bogotensis</i>	1	1	1
	<i>Pristimantis brevifrons</i>	1	1	1 ^{inf}
	<i>Pristimantis bromeliaceus</i>	1	1	1 ^{inf}
	<i>Pristimantis buccinator</i>	1	1	1 ^{inf}
	<i>Pristimantis buckleyi</i>	1	1	1 ^{inf}
	<i>Pristimantis cajamarcensis</i>	1	1	1 ^{inf}
	<i>Pristimantis calcaratus</i>	1	1	1 ^{inf}
	<i>Pristimantis calcarulatus</i>	1	1	1 ^{inf}
	<i>Pristimantis caprifer</i>	1	1	1 ^{inf}
	<i>Pristimantis caryophyllaceus</i>	?	?	1
	<i>Pristimantis celator</i>	?	1	1 ^{inf}
	<i>Pristimantis cerasinus</i>	1	1 ^{inf}	1
	<i>Pristimantis ceuthospilus</i>	1	1	1 ^{inf}
	<i>Pristimantis chalceus</i>	0	1	1
	<i>Pristimantis chiastonotus</i>	1	1	1 ^{inf}
	<i>Pristimantis chloronotus</i>	1	1	1
	<i>Pristimantis citriogaster</i>	1	1	1 ^{inf}
	<i>Pristimantis colomai</i>	1	1	1 ^{inf}
	<i>Pristimantis condor</i>	1	1	1 ^{inf}
	<i>Pristimantis conspicillatus</i>	1	1	1
	<i>Pristimantis cremnobates</i>	1	1	1 ^{inf}
	<i>Pristimantis crenunguis</i>	1	1	1 ^{inf}
	<i>Pristimantis croceoinguinis</i>	0	1	1
	<i>Pristimantis crucifer</i>	1	1	1 ^{inf}
	<i>Pristimantis cruentus</i>	0	1	1
	<i>Pristimantis cryophilus</i>	1	1	1 ^{inf}
	<i>Pristimantis curtipes</i>	0	1	1
	<i>Pristimantis danae</i>	1	1	1 ^{inf}
	<i>Pristimantis devillei</i>	1	1	1
	<i>Pristimantis diadematus</i>	1	1	1 ^{inf}
	<i>Pristimantis dissimulatus</i>	1	1	1 ^{inf}
	<i>Pristimantis duellmani</i>	0	0	0
	<i>Pristimantis eriphus</i>	1	1	1 ^{inf}
	<i>Pristimantis erythropleura</i>	0	1	1 ^{inf}
	<i>Pristimantis euphronides</i>	1	1	1 ^{inf}
	<i>Pristimantis fenestratus</i>	1	1	1 ^{inf}

Craugastoridae (cont.)	<i>Pristimantis frater</i>	1	1	1
	<i>Pristimantis gaigei</i>	1	1	1
	<i>Pristimantis galdi</i>	1	1	1
	<i>Pristimantis gentry</i>	0	1	1 ^{inf}
	<i>Pristimantis glandulosus</i>	1	1	1 ^{inf}
	<i>Pristimantis gutturalis</i>	1	1	1 ^{inf}
	<i>Pristimantis hectus</i>	1	1	1 ^{inf}
	<i>Pristimantis imitatrix</i>	0	0	?
	<i>Pristimantis inguinalis</i>	?	1	1 ^{inf}
	<i>Pristimantis inusitatus</i>	1	1	1 ^{inf}
	<i>Pristimantis juanchoi</i>	1	1	1 ^{inf}
	<i>Pristimantis jubatus</i>	1	1	1 ^{inf}
	<i>Pristimantis kelephus</i>	1	1	1 ^{inf}
	<i>Pristimantis koehleri</i>	1	1	1 ^{inf}
	<i>Pristimantis labiosus</i>	1	1	1 ^{inf}
	<i>Pristimantis lanthanites</i>	1	1	1 ^{inf}
	<i>Pristimantis latidiscus</i>	1	1	1 ^{inf}
	<i>Pristimantis leoni</i>	0	1	1 ^{inf}
	<i>Pristimantis librarius</i>	?	1	1 ^{inf}
	<i>Pristimantis lirellus</i>	0	0	?
	<i>Pristimantis llojsintuta</i>	1	1	1 ^{inf}
	<i>Pristimantis luteolateralis</i>	1	1	1 ^{inf}
	<i>Pristimantis lymani</i>	1	1	1 ^{inf}
	<i>Pristimantis malkini</i>	1	1	1 ^{inf}
	<i>Pristimantis marmoratus</i>	1	1	1 ^{inf}
	<i>Pristimantis martiae</i>	0	1	1 ^{inf}
	<i>Pristimantis melanogaster</i>	0	1	1 ^{inf}
	<i>Pristimantis miyatai</i>	0	1	1 ^{inf}
	<i>Pristimantis moro</i>	0	?	?
	<i>Pristimantis museosus</i>	1	1	1 ^{inf}
	<i>Pristimantis myops</i>	1	1	1 ^{inf}
	<i>Pristimantis nervicus</i>	1	1	1 ^{inf}
	<i>Pristimantis nyctophylax</i>	?	1	1 ^{inf}
	<i>Pristimantis ockendeni</i>	1	1	1 ^{inf}
	<i>Pristimantis ocreatus</i>	0	1	1 ^{inf}
	<i>Pristimantis orcesi</i>	1	1	1 ^{inf}
	<i>Pristimantis orestes</i>	1	1	1 ^{inf}
	<i>Pristimantis paisa</i>	0	1	1 ^{inf}
	<i>Pristimantis palmeri</i>	1	1	1
	<i>Pristimantis pardalis</i>	1	1	1 ^{inf}
	<i>Pristimantis parvillus</i>	1	1	1 ^{inf}
	<i>Pristimantis peruvianus</i>	1	1	1 ^{inf}
	<i>Pristimantis petrobardus</i>	1	1	1 ^{inf}
	<i>Pristimantis phoxocephalus</i>	1	1	1 ^{inf}
	<i>Pristimantis pirrensis</i>	1	1	1 ^{inf}

Craugastoridae (cont.)	<i>Pristimantis platydactylus</i>	1	1	1 ^{inf}
	<i>Pristimantis prolatus</i>	1	1	1 ^{inf}
	<i>Pristimantis ptochus</i>	?	1	1 ^{inf}
	<i>Pristimantis pulvinatus</i>	1	1	1 ^{inf}
	<i>Pristimantis pycnodermis</i>	1	1	1 ^{inf}
	<i>Pristimantis pyrrhomerus</i>	1	1	1 ^{inf}
	<i>Pristimantis quantus</i>	1	1	1 ^{inf}
	<i>Pristimantis quaquaversus</i>	0	0	?
	<i>Pristimantis quinquagesimus</i>	1	1	1 ^{inf}
	<i>Pristimantis ramagii</i>	1	1	1 ^{inf}
	<i>Pristimantis reichlei</i>	1	1	1 ^{inf}
	<i>Pristimantis rhabdocnemus</i>	0	0	?
	<i>Pristimantis rhabdolaemus</i>	1	1	1 ^{inf}
	<i>Pristimantis rhodoplichus</i>	1	1	1 ^{inf}
	<i>Pristimantis ridens</i>	1	1	1
	<i>Pristimantis riveti</i>	1	1	1 ^{inf}
	<i>Pristimantis rozei</i>	1	1	1 ^{inf}
	<i>Pristimantis sagittulus</i>	1	1	1 ^{inf}
	<i>Pristimantis samaipatae</i>	1	1	1 ^{inf}
	<i>Pristimantis savagei</i>	1	1	1 ^{inf}
	<i>Pristimantis schultei</i>	1	1	1 ^{inf}
	<i>Pristimantis shrevei</i>	1	1	1 ^{inf}
	<i>Pristimantis simonbolivari</i>	1	1	1 ^{inf}
	<i>Pristimantis simonsii</i>	0	0	0
	<i>Pristimantis skydmainos</i>	1	1	1 ^{inf}
	<i>Pristimantis spinosus</i>	1	1	1 ^{inf}
	<i>Pristimantis stictogaster</i>	1	1	1 ^{inf}
	<i>Pristimantis subsigillatus</i>	1	1	1 ^{inf}
	<i>Pristimantis suetus</i>	1	1	1 ^{inf}
	<i>Pristimantis supernatis</i>	1	1	1 ^{inf}
	<i>Pristimantis surdus</i>	0	0	0
	<i>Pristimantis taeniatus</i>	1	1	1 ^{inf}
	<i>Pristimantis terraebolivaris</i>	1	1	1 ^{inf}
	<i>Pristimantis thectopternus</i>	1	1	1 ^{inf}
	<i>Pristimantis thymalopsoides</i>	1	1	1 ^{inf}
	<i>Pristimantis thymelensis</i>	0	1	1 ^{inf}
	<i>Pristimantis toftae</i>	1	1	1 ^{inf}
	<i>Pristimantis truebae</i>	0	1	1 ^{inf}
	<i>Pristimantis unistrigatus</i>	1	1	1
	<i>Pristimantis urichi</i>	1	1	1 ^{inf}
	<i>Pristimantis ventrimarmoratus</i>	0	1	1 ^{inf}
	<i>Pristimantis verecundus</i>	1	1	1 ^{inf}
	<i>Pristimantis versicolor</i>	1	1	1 ^{inf}
	<i>Pristimantis vertebralis</i>	1	1	1 ^{inf}
	<i>Pristimantis viejas</i>	1	1	1 ^{inf}

Craugastoridae (cont.)	<i>Pristimantis walkeri</i>	1	1	1 ^{inf}
	<i>Pristimantis wiensi</i>	?	1	1 ^{inf}
	<i>Pristimantis wnigrum</i>	1	1	1
	<i>Pristimantis zophus</i>	1	1	1 ^{inf}
	<i>Psychrophrynella iatamasi</i>	0	?	?
	<i>Psychrophrynella wettsteini</i>	1	1 ^{inf}	1
	<i>Strabomantis anomalus</i>	1	1	1 ^{inf}
	<i>Strabomantis biporcatus</i>	1	1	1 ^{inf}
	<i>Strabomantis bufoniformis</i>	1	1	1
	<i>Strabomantis necerus</i>	1	1	1
	<i>Strabomantis sulcatus</i>	1	1	1
	<i>Yunganastes ashkapara</i>	1	1	1 ^{inf}
	<i>Yunganastes bisignatus</i>	1	1	1 ^{inf}
	<i>Yunganastes fraudator</i>	1	1	1 ^{inf}
	<i>Yunganastes mercedesae</i>	1	1	1 ^{inf}
	<i>Yunganastes pluvicanorus</i>	1	1	1 ^{inf}
Cycloramphidae	<i>Cycloramphus boraceiensis</i>	0	?	?
	<i>Cycloramphus eleutherodactylus</i>	0	1	1
	<i>Thoropa miliaris</i>	?	1	1
	<i>Thoropa taophora</i>	1	1	1 ^{inf}
	<i>Zachaenus parvulus</i>	0	1	1
Dendrobatidae	<i>Adelphobates castaneoticus</i>	?	1	1
	<i>Adelphobates galactonotus</i>	?	1	1
	<i>Ameerega bassleri</i>	?	1	1
	<i>Ameerega bilinguis</i>	1	1	1
	<i>Ameerega hahneli</i>	?	1	1
	<i>Ameerega macero</i>	?	1	1 ^{inf}
	<i>Ameerega parvula</i>	?	1	1 ^{inf}
	<i>Ameerega petersi</i>	?	1	1
	<i>Ameerega picta</i>	?	1	1
	<i>Ameerega silverstonei</i>	?	1	1
	<i>Ameerega simulans</i>	1	1	1
	<i>Ameerega trivittata</i>	?	1	1
	<i>Andinobates claudiae</i>	?	1	1
	<i>Andinobates fulguritus</i>	?	1	1
	<i>Colostethus fugax</i>	?	1	1 ^{inf}
	<i>Colostethus inguinalis</i>	1	1	1
	<i>Colostethus latinasus</i>	?	1	1 ^{inf}
	<i>Colostethus panamensis</i>	?	1	1
	<i>Colostethus pratti</i>	?	1	1
	<i>Dendrobates auratus</i>	1	1	1
	<i>Dendrobates tinctorius</i>	?	1	1
	<i>Dendrobates truncatus</i>	?	1	1
	<i>Epipedobates anthonyi</i>	?	?	1

Dendrobatidae (cont.)	<i>Epipedobates boulengeri</i>	?	1	1
	<i>Epipedobates espinosai</i>	?	1	1
	<i>Excidobates captivus</i>	?	1	1 ^{inf}
	<i>Excidobates mystriosus</i>	?	1	1 ^{inf}
	<i>Hyloxalus awa</i>	?	1	1
	<i>Hyloxalus bocagei</i>	1	1	1
	<i>Hyloxalus chlorocraspedus</i>	?	1	1 ^{inf}
	<i>Hyloxalus elachyhistus</i>	?	1	1
	<i>Hyloxalus nexipus</i>	?	1	1 ^{inf}
	<i>Hyloxalus pulchellus</i>	?	1	1
	<i>Hyloxalus sauli</i>	?	1	1
	<i>Hyloxalus subpunctatus</i>	1	1	1
	<i>Hyloxalus sylvaticus</i>	?	1	1
	<i>Hyloxalus vertebralis</i>	?	1	1
	<i>Minyobates steyermarki</i>	?	1	1
	<i>Oophaga arborea</i>	?	1	1
	<i>Oophaga granulifera</i>	?	1	1
	<i>Oophaga histrionica</i>	?	1	1
	<i>Oophaga lehmanni</i>	?	1	1
	<i>Oophaga pumilio</i>	0	1	1
	<i>Oophaga speciosa</i>	?	1	1
	<i>Oophaga sylvatica</i>	?	1	1
	<i>Oophaga vicentei</i>	?	1	1
	<i>Phyllobates aurotaenia</i>	?	1	1
	<i>Phyllobates bicolor</i>	?	1	1
	<i>Phyllobates lugubris</i>	?	1	1
	<i>Phyllobates terribilis</i>	?	1	1
	<i>Phyllobates vittatus</i>	?	1	1
	<i>Ranitomeya amazonica</i>	?	1	1 ^{int}
	<i>Ranitomeya imitator</i>	?	1	1
	<i>Ranitomeya reticulata</i>	?	1	1
	<i>Ranitomeya ventrimaculata</i>	1	1	1
	<i>Silverstoneia flotator</i>	?	1	1
	<i>Silverstoneia nubicola</i>	?	1	1
Dicroglossidae	<i>Euphlyctis cyanophlyctis</i>	0	1	1
	<i>Euphlyctis hexadactylus</i>	?	1	1 ^{inf}
	<i>Fejervarya cancrivora</i>	1	1	1 ^{inf}
	<i>Fejervarya caperata</i>	0	1	1 ^{inf}
	<i>Fejervarya granosa</i>	0	1	1 ^{inf}
	<i>Fejervarya kudremukhensis</i>	0	1	1 ^{inf}
	<i>Fejervarya iskandari</i>	?	1	1 ^{inf}
	<i>Fejervarya limnocharis</i>	?	1	1 ^{inf}
	<i>Fejervarya mudduraja</i>	0	1	1 ^{inf}
	<i>Fejervarya rufescens</i>	?	1	1 ^{inf}
	<i>Fejervarya sahyadris</i>	?	1	1

Dicroglossidae (cont.)	<i>Hoplobatrachus occipitalis</i>	1	1	1
	<i>Hoplobatrachus rugulosus</i>	?	1	1 ^{inf}
	<i>Hoplobatrachus tigerinus</i>	1	1	1
	<i>Ingerana tenasserimensis</i>	?	1	1 ^{inf}
	<i>Limnonectes asperatus</i>	?	1	1 ^{inf}
	<i>Limnonectes blythii</i>	0	1	1
	<i>Limnonectes dabanus</i>	?	1	1 ^{inf}
	<i>Limnonectes doriae</i>	?	1	1 ^{inf}
	<i>Limnonectes finchi</i>	1	1	1 ^{inf}
	<i>Limnonectes hascheanus</i>	1	1	1 ^{inf}
	<i>Limnonectes ibanorum</i>	?	1	1 ^{inf}
	<i>Limnonectes kuhlii</i>	0	1	1
	<i>Limnonectes laticeps</i>	0	1	1 ^{inf}
	<i>Limnonectes leporinus</i>	1	1	1 ^{inf}
	<i>Limnonectes leytenensis</i>	1	1	1 ^{inf}
	<i>Limnonectes macrodon</i>	?	1	1 ^{inf}
	<i>Limnonectes magnus</i>	?	1	1 ^{inf}
	<i>Limnonectes malesianus</i>	1	1	1 ^{inf}
	<i>Limnonectes microdiscus</i>	?	1	1 ^{inf}
	<i>Limnonectes microtympanum</i>	?	1	1 ^{inf}
	<i>Limnonectes modestus</i>	?	1	1 ^{inf}
	<i>Limnonectes palavanensis</i>	1	1	1 ^{inf}
	<i>Limnonectes paramacrodon</i>	1	1	1 ^{inf}
	<i>Limnonectes plicatellus</i>	1	1	1 ^{inf}
	<i>Limnonectes woodworthi</i>	?	1	1 ^{inf}
	<i>Nannophrys ceylonensis</i>	1	1	1
	<i>Nannophrys marmorata</i>	?	?	1
	<i>Nanorana aenea</i>	?	1	1 ^{inf}
	<i>Nanorana arnoldi</i>	?	1	1 ^{inf}
	<i>Nanorana liebigii</i>	0	1	1
	<i>Nanorana parkeri</i>	0	0	0
	<i>Nanorana pleski</i>	0	1	1
	<i>Nanorana quadranus</i>	?	1	1 ^{inf}
	<i>Nanorana ventripunctata</i>	0	0 ^{inf}	0
	<i>Nanorana yunnanensis</i>	0	1	1 ^{inf}
	<i>Occidozyga baluensis</i>	?	1	1 ^{inf}
	<i>Occidozyga laevis</i>	0&1	1	1
	<i>Occidozyga lima</i>	0	?	1
	<i>Quasipaa delacouri</i>	?	1	1 ^{inf}
	<i>Quasipaa shini</i>	0	1	1 ^{inf}
	<i>Quasipaa spinosa</i>	?	?	1
	<i>Sphaerotheca breviceps</i>	?	1	1 ^{inf}
	<i>Sphaerotheca dobsonii</i>	?	1	1 ^{inf}
Eleutherodactylidae	<i>Adelophryne adiastrata</i>	1	1	1 ^{inf}
	<i>Adelophryne baturitensis</i>	1	1	1 ^{inf}

Eleutherodactylidae (cont.)	<i>Adelophryne gutturosa</i>	1	1	1 ^{inf}
	<i>Adelophryne maranguapensis</i>	1	1	1 ^{inf}
	<i>Adelophryne pachydactyla</i>	1	1	1 ^{inf}
	<i>Adelophryne patamona</i>	1	1	1 ^{inf}
	<i>Diasporus diastema</i>	1	1	1
	<i>Diasporus hylaeformis</i>	1	1	1 ^{inf}
	<i>Diasporus vocator</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus abbotti</i>	1	1	1
	<i>Eleutherodactylus acmonis</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus adelus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus albipes</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus alcoae</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus alticola</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus amadeus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus amplinympa</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus andrewsi</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus antillensis</i>	1	1	1
	<i>Eleutherodactylus apostates</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus armstrongi</i>	1	1	1
	<i>Eleutherodactylus atkinsi</i>	1	1	1
	<i>Eleutherodactylus audanti</i>	1	1	1
	<i>Eleutherodactylus auriculatoides</i>	1	1	1
	<i>Eleutherodactylus auriculatus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus bakeri</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus barlagnei</i>	1	1	1
	<i>Eleutherodactylus bartonsmithi</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus blairhedgesi</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus bothroboans</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus bresslerae</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus brevirostris</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus brittoni</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus caribe</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus casparii</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus cavernicola</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus chlorophenax</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus cochranæ</i>	1	1	1
	<i>Eleutherodactylus cooki</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus coqui</i>	1	1	1
	<i>Eleutherodactylus corona</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus counouspeus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus cubanus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus cundalli</i>	1	1	1

Eleutherodactylidae (cont.)	<i>Eleutherodactylus cuneatus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus darlingtoni</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus dimidiatus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus dolomedes</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus eileenae</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus emiliae</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus eneidae</i>	1	1	1
	<i>Eleutherodactylus etheridgei</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus eunaster</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus flavescens</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus fowleri</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus furcyensis</i>	1	1	1
	<i>Eleutherodactylus fuscus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus glamyrus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus glandulifer</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus glanduliferoides</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus glaphycompus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus glaucoreius</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus goini</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus gossei</i>	1	1	1
	<i>Eleutherodactylus grabhami</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus grahami</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus greyi</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus griphus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus gryllus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus guanahacabibes</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus quantanamera</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus gundlachi</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus haitianus</i>	1	1	1
	<i>Eleutherodactylus hedricki</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus heminota</i>	1	1	1
	<i>Eleutherodactylus hypostenor</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus iberia</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus inoptatus</i>	1	1	1
	<i>Eleutherodactylus intermedius</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus ionthus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus jamaicensis</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus jaumei</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus johnstonei</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus jugans</i>	1	1	1
	<i>Eleutherodactylus junori</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus klinikowskii</i>	1	1	1 ^{inf}

Eleutherodactylidae (cont.)	<i>Eleutherodactylus lamprotes</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus leberi</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus lentus</i>	1	1	1
	<i>Eleutherodactylus leonci</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus limbatus</i>	1	1	1
	<i>Eleutherodactylus locustus</i>	1	1	1
	<i>Eleutherodactylus luteolus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus maestrensis</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus mariposa</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus marnockii</i>	1	1	1
	<i>Eleutherodactylus martinicensis</i>	1	1	1
	<i>Eleutherodactylus melacara</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus minutus</i>	1	1	1
	<i>Eleutherodactylus monensis</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus nitidus</i>	1	1	1
	<i>Eleutherodactylus nortoni</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus nubicola</i>	1	1	1
	<i>Eleutherodactylus orcutti</i>	1	1	1
	<i>Eleutherodactylus orientalis</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus oxyrhyncus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus pantoni</i>	1	1	1
	<i>Eleutherodactylus parabates</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus parapelates</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus patriciae</i>	1	1	1
	<i>Eleutherodactylus paulsoni</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus pentasyringos</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus pezopetrus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus pictissimus</i>	1	1	1
	<i>Eleutherodactylus pinarensis</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus pinchoni</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus pipilans</i>	1	1	1
	<i>Eleutherodactylus pituinus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus planirostris</i>	1	1	1
	<i>Eleutherodactylus poolei</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus portoricensis</i>	1	1	1
	<i>Eleutherodactylus principalis</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus probalaeus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus rhodesi</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus richmondi</i>	1	1	1
	<i>Eleutherodactylus ricordii</i>	1	1	1
	<i>Eleutherodactylus riparius</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus rivularis</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus rogersi</i>	1	1	1 ^{inf}

Eleutherodactylidae (cont.)	<i>Eleutherodactylus ronaldi</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus rufifemoralis</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus ruthae</i>	1	1	1
	<i>Eleutherodactylus schmidtii</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus schwartzi</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus sciagraphus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus simulans</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus sisypodemus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus sommeri</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus symingtoni</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus thomasi</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus thorectes</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus toa</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus tonyi</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus turquinensis</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus unicolor</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus varians</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus varleyi</i>	1	1	1
	<i>Eleutherodactylus ventrilineatus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus weinlandi</i>	1	1	1
	<i>Eleutherodactylus wetmorei</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus wightmanae</i>	1	1	1
	<i>Eleutherodactylus zeus</i>	1	1	1 ^{inf}
	<i>Eleutherodactylus zugii</i>	1	1	1
	<i>Phyzelaphryne miriamae</i>	1	1	1 ^{inf}
Heleophrynidae	<i>Hadromophryne natalensis</i>	0	?	1
	<i>Heleophryne purcelli</i>	0	1	1
Hemiphractidae	<i>Flectonotus fitzgeraldi</i>	?	1	1 ^{inf}
	<i>Flectonotus pygmaeus</i>	?	1	1 ^{inf}
	<i>Gastrotheca argenteovirens</i>	?	1	1 ^{inf}
	<i>Gastrotheca atympana</i>	0	0	1
	<i>Gastrotheca aureomaculata</i>	1	1	1 ^{inf}
	<i>Gastrotheca christiani</i>	1	1	1
	<i>Gastrotheca chrysosticta</i>	1	1	1 ^{inf}
	<i>Gastrotheca cornuta</i>	1	1	1 ^{inf}
	<i>Gastrotheca dendronastes</i>	?	1	1
	<i>Gastrotheca dunni</i>	?	1	1
	<i>Gastrotheca excubitor</i>	1	1	1 ^{inf}
	<i>Gastrotheca fissipes</i>	1	1	1 ^{inf}
	<i>Gastrotheca galeata</i>	?	1	1
	<i>Gastrotheca gracilis</i>	1	1	1 ^{inf}
	<i>Gastrotheca griswoldi</i>	?	1	1
	<i>Gastrotheca guentheri</i>	?	1	1

Hemiphractidae (cont.)	<i>Gastrotheca helenae</i>	0	1	1
	<i>Gastrotheca litonedis</i>	?	1	1
	<i>Gastrotheca longipes</i>	?	1	1
	<i>Gastrotheca marsupiata</i>	?	1	1
	<i>Gastrotheca monticola</i>	?	1	1
	<i>Gastrotheca nicefori</i>	1	1	1
	<i>Gastrotheca ochoai</i>	?	1	1
	<i>Gastrotheca orophylax</i>	?	1	1
	<i>Gastrotheca peruana</i>	?	1	1
	<i>Gastrotheca plumbea</i>	?	1	1 ^{inf}
	<i>Gastrotheca pseustes</i>	?	1	1
	<i>Gastrotheca psychrophila</i>	?	1	1
	<i>Gastrotheca riobambae</i>	1	1	1 ^{inf}
	<i>Gastrotheca ruizi</i>	?	1	1
	<i>Gastrotheca stictopleura</i>	?	1	1
	<i>Gastrotheca trachyceps</i>	?	1	1
	<i>Gastrotheca weinlandii</i>	?	1	1
	<i>Gastrotheca zeugocystis</i>	?	1	1
	<i>Gastrotheca walkeri</i>	0	1	1
	<i>Hemiphractus bubalus</i>	?	1	1
	<i>Hemiphractus helioi</i>	?	1	1
	<i>Hemiphractus proboscideus</i>	?	1	1
	<i>Hemiphractus scutatus</i>	?	1	1
	<i>Stefania evansi</i>	1	1	1
	<i>Stefania ginesi</i>	1	1	1
	<i>Stefania scalae</i>	?	1	1
	<i>Stefania schuberti</i>	1	1	1
Hemisotidae	<i>Hemismus marmoratus</i>	0	0	0
Hylidae	<i>Acris crepitans</i>	?	1	1
	<i>Acris gryllus</i>	?	1	1 ^{inf}
	<i>Agalychnis annae</i>	?	1	1 ^{inf}
	<i>Agalychnis aspera</i>	?	1	1 ^{inf}
	<i>Agalychnis callidryas</i>	1	1	1
	<i>Agalychnis dacnicolor</i>	1	1	1
	<i>Agalychnis granulosa</i>	?	1	1
	<i>Agalychnis hulli</i>	0	1	1 ^{inf}
	<i>Agalychnis lemur</i>	?	1	1
	<i>Agalychnis litodryas</i>	?	1	1 ^{inf}
	<i>Agalychnis moreletii</i>	?	1	1
	<i>Agalychnis saltator</i>	?	1	1 ^{inf}
	<i>Agalychnis spurrelli</i>	?	1	1
	<i>Anotheca spinosa</i>	1	1	1 ^{inf}
	<i>Aparasphenodon brunoii</i>	?	?	1
	<i>Aplastodiscus albofrenatus</i>	1	1	1 ^{inf}
	<i>Aplastodiscus albosignatus</i>	1	1	1 ^{inf}

Hylidae (cont.)	<i>Aplastodiscus arildae</i>	?	1	1 ^{inf}
	<i>Aplastodiscus cavicola</i>	?	1	1 ^{inf}
	<i>Aplastodiscus eugenioi</i>	?	1	1 ^{inf}
	<i>Aplastodiscus leucopygius</i>	?	1	1 ^{inf}
	<i>Aplastodiscus perviridis</i>	1	1	1
	<i>Aplastodiscus weygoldti</i>	?	1	1 ^{inf}
	<i>Argenteohyla siemersi</i>	1	1	1
	<i>Bokermannohyla astartea</i>	1	1	1 ^{inf}
	<i>Bokermannohyla circumdata</i>	1	1	1 ^{inf}
	<i>Bokermannohyla hylax</i>	1	1	1 ^{inf}
	<i>Bokermannohyla martinsi</i>	?	1	1 ^{inf}
	<i>Bromeliahyla bromeliacia</i>	?	1	1
	<i>Charadrahyla nephila</i>	?	1	1 ^{inf}
	<i>Charadrahyla taeniopus</i>	?	1	1 ^{inf}
	<i>Corythomantis greeningi</i>	?	?	1
	<i>Cruziohyla calcarifer</i>	1	1	1 ^{inf}
	<i>Dendropsophus anceps</i>	1	1	1 ^{inf}
	<i>Dendropsophus berthaltutae</i>	1	1	1 ^{inf}
	<i>Dendropsophus bifurcus</i>	1	1	1 ^{inf}
	<i>Dendropsophus bipunctatus</i>	1	1	1 ^{inf}
	<i>Dendropsophus branneri</i>	1	1	1 ^{inf}
	<i>Dendropsophus brevifrons</i>	?	1	1 ^{inf}
	<i>Dendropsophus ebraccatus</i>	1	1 ^{inf}	1
	<i>Dendropsophus elegans</i>	?	1	1 ^{inf}
	<i>Dendropsophus gaucheri</i>	?	1	1 ^{inf}
	<i>Dendropsophus juliani</i>	?	1	1 ^{inf}
	<i>Dendropsophus koechlini</i>	?	1	1 ^{inf}
	<i>Dendropsophus labialis</i>	?	1	1 ^{inf}
	<i>Dendropsophus marmoratus</i>	1	1	1 ^{inf}
	<i>Dendropsophus melanargyreus</i>	?	1	1 ^{inf}
	<i>Dendropsophus microcephalus</i>	1	1	1
	<i>Dendropsophus minutus</i>	1	1	1
	<i>Dendropsophus miyatai</i>	?	1	1 ^{inf}
	<i>Dendropsophus nanus</i>	1	1	1 ^{inf}
	<i>Dendropsophus parviceps</i>	?	1	1 ^{inf}
	<i>Dendropsophus pelidna</i>	1	1	1 ^{inf}
	<i>Dendropsophus rhodopeplus</i>	?	1	1 ^{inf}
	<i>Dendropsophus robertmertensi</i>	?	1	1 ^{inf}
	<i>Dendropsophus rubicundulus</i>	?	1	1 ^{inf}
	<i>Dendropsophus sarayacuensis</i>	?	1	1 ^{inf}
	<i>Dendropsophus sartoti</i>	?	1	1 ^{inf}
	<i>Dendropsophus schubarti</i>	0&1	1	1 ^{inf}
	<i>Dendropsophus seniculus</i>	1	1	1 ^{inf}
	<i>Dendropsophus timbeba</i>	0	1	1 ^{inf}
	<i>Dendropsophus triangulum</i>	?	1	1 ^{inf}

Hylidae (cont.)	<i>Dendropsophus tritaeniatatus</i>	?	1	1 ^{inf}
	<i>Diaglena spatulata</i>	?	1	1
	<i>Duellmanohyla rufiocularis</i>	?	1	1 ^{inf}
	<i>Duellmanohyla soralia</i>	1	1	1 ^{inf}
	<i>Ecnomiohyla miliaria</i>	1	1	1 ^{inf}
	<i>Ecnomiohyla miotympanum</i>	?	1	1
	<i>Exerodonta abdivita</i>	?	1	1 ^{inf}
	<i>Exerodonta chimalaà</i>	?	1	1 ^{inf}
	<i>Exerodonta melanomma</i>	?	?	1
	<i>Exerodonta perkinsi</i>	?	1	1 ^{inf}
	<i>Exerodonta smaragdina</i>	?	1	1 ^{inf}
	<i>Exerodonta sumichrasti</i>	?	1	1
	<i>Exerodonta xera</i>	?	1	1 ^{inf}
	<i>Hyla annectans</i>	?	1	1 ^{inf}
	<i>Hyla andersonii</i>	1	1	1 ^{inf}
	<i>Hyla arborea</i>	?	1	1
	<i>Hyla arenicolor</i>	?	?	1
	<i>Hyla avivoca</i>	1	1	1 ^{inf}
	<i>Hyla chinensis</i>	?	1	1
	<i>Hyla chrysoscelis</i>	1	1	1 ^{inf}
	<i>Hyla cinerea</i>	1	1	1
	<i>Hyla euphorbiacea</i>	?	1	1 ^{inf}
	<i>Hyla eximia</i>	?	?	1
	<i>Hyla femoralis</i>	1	1	1 ^{inf}
	<i>Hyla gratiosa</i>	1	1	1 ^{inf}
	<i>Hyla meridionalis</i>	1	1	1 ^{inf}
	<i>Hyla plicata</i>	?	1	1 ^{inf}
	<i>Hyla squirella</i>	1	1	1 ^{inf}
	<i>Hyla versicolor</i>	1	1 ^{inf}	1
	<i>Hyla walkeri</i>	1	1	1 ^{inf}
	<i>Hyla wrightorum</i>	1	1	1 ^{inf}
	<i>Hyloscirtus alytolylax</i>	?	1	1 ^{inf}
	<i>Hyloscirtus armatus</i>	?	1	1 ^{inf}
	<i>Hyloscirtus colymba</i>	?	1	1
	<i>Hyloscirtus larinopygion</i>	1	1	1 ^{inf}
	<i>Hyloscirtus lindae</i>	?	1	1
	<i>Hyloscirtus pacha</i>	?	?	1
	<i>Hyloscirtus palmeri</i>	0	1	1 ^{inf}
	<i>Hyloscirtus pantostictus</i>	1	1	1
	<i>Hyloscirtus phyllognathus</i>	?	1	1 ^{inf}
	<i>Hyloscirtus psarolaimus</i>	1	1	1
	<i>Hyloscirtus ptychodactylus</i>	1	1	1
	<i>Hyloscirtus simmonsii</i>	?	1	1 ^{inf}
	<i>Hyloscirtus staufferorum</i>	1	1	1
	<i>Hyloscirtus tapichalaca</i>	?	1	1

Hylidae (cont.)	<i>Hyloscirtus tigrinus</i>	1	1	1 ^{inf}
	<i>Hypsiboas albomarginatus</i>	1	1	1
	<i>Hypsiboas albopunctatus</i>	?	1	1 ^{inf}
	<i>Hypsiboas andinus</i>	?	1	1 ^{inf}
	<i>Hypsiboas balzani</i>	?	1	1 ^{inf}
	<i>Hypsiboas bischoffi</i>	1	1	1 ^{inf}
	<i>Hypsiboas boans</i>	1	1	1 ^{inf}
	<i>Hypsiboas caingua</i>	1	1	1 ^{inf}
	<i>Hypsiboas calcaratus</i>	?	1	1 ^{inf}
	<i>Hypsiboas cinerascens</i>	0	1	1 ^{inf}
	<i>Hypsiboas cordobae</i>	?	1	1 ^{inf}
	<i>Hypsiboas crepitans</i>	?	1	1 ^{inf}
	<i>Hypsiboas dentei</i>	?	1	1 ^{inf}
	<i>Hypsiboas ericae</i>	?	1	1 ^{inf}
	<i>Hypsiboas faber</i>	1	1	1 ^{inf}
	<i>Hypsiboas fasciatus</i>	?	1	1 ^{inf}
	<i>Hypsiboas geographicus</i>	1	1	1 ^{inf}
	<i>Hypsiboas guentheri</i>	?	1	1 ^{inf}
	<i>Hypsiboas heilprini</i>	?	?	1
	<i>Hypsiboas joaquini</i>	0	1	1 ^{inf}
	<i>Hypsiboas lanciformis</i>	1	1	1 ^{inf}
	<i>Hypsiboas latistriatus</i>	?	1	1 ^{inf}
	<i>Hypsiboas leptolineatus</i>	?	1	1 ^{inf}
	<i>Hypsiboas lundii</i>	?	1	1 ^{inf}
	<i>Hypsiboas marginatus</i>	0	1	1 ^{inf}
	<i>Hypsiboas marianitae</i>	?	1	1 ^{inf}
	<i>Hypsiboas melanopleura</i>	?	1	1 ^{inf}
	<i>Hypsiboas microderma</i>	?	1	1 ^{inf}
	<i>Hypsiboas multifasciatus</i>	?	1	1 ^{inf}
	<i>Hypsiboas nympha</i>	?	1	1 ^{inf}
	<i>Hypsiboas ornatissimus</i>	1	1	1 ^{inf}
	<i>Hypsiboas pardalis</i>	?	1	1 ^{inf}
	<i>Hypsiboas pellucens</i>	?	1	1 ^{inf}
	<i>Hypsiboas picturatus</i>	1	1	1 ^{inf}
	<i>Hypsiboas polytaenius</i>	1	1	1 ^{inf}
	<i>Hypsiboas prasinus</i>	?	1	1 ^{inf}
	<i>Hypsiboas pulchellus</i>	1	1	1 ^{inf}
	<i>Hypsiboas punctatus</i>	1	1	1 ^{inf}
	<i>Hypsiboas raniceps</i>	1	1	1 ^{inf}
	<i>Hypsiboas riojanus</i>	1	1	1 ^{inf}
	<i>Hypsiboas roraima</i>	?	1	1 ^{inf}
	<i>Hypsiboas rosenbergi</i>	1	1	1
	<i>Hypsiboas rufitelus</i>	?	?	1
	<i>Hypsiboas semiguttatus</i>	?	1	1 ^{inf}
	<i>Hypsiboas semilineatus</i>	1	1	1 ^{inf}

Hylidae (cont.)	<i>Hypsiboas sibleszi</i>	?	1	1 ^{inf}
	<i>Isthmohyla pseudopuma</i>	1	1	1 ^{inf}
	<i>Isthmohyla rivularis</i>	0	1	1 ^{inf}
	<i>Isthmohyla tica</i>	?	1	1
	<i>Itapothyla langsdorfii</i>	1	1	1 ^{inf}
	<i>Litoria adelaidensis</i>	1	1	1 ^{inf}
	<i>Litoria alboguttata</i>	1	1	1 ^{inf}
	<i>Litoria amboinensis</i>	1	1	1 ^{inf}
	<i>Litoria andiirrmalin</i>	1	1	1 ^{inf}
	<i>Litoria angiana</i>	?	?	1
	<i>Litoria arfakiana</i>	?	1	1 ^{inf}
	<i>Litoria aurea</i>	1	1	1 ^{inf}
	<i>Litoria australis</i>	1	1	1
	<i>Litoria barringtonensis</i>	1	1	1 ^{inf}
	<i>Litoria bicolor</i>	1	1	1 ^{inf}
	<i>Litoria booroolongensis</i>	1	1	1 ^{inf}
	<i>Litoria brevipes</i>	1	1	1
	<i>Litoria burrowsi</i>	1	1	1 ^{inf}
	<i>Litoria caerulea</i>	1	1	1
	<i>Litoria cavernicola</i>	1	1	1 ^{inf}
	<i>Litoria chloris</i>	?	1	1 ^{inf}
	<i>Litoria citropa</i>	1	1	1 ^{inf}
	<i>Litoria congenita</i>	1	1	1 ^{inf}
	<i>Litoria coplandi</i>	1	1	1 ^{inf}
	<i>Litoria cryptotis</i>	?	1	1 ^{inf}
	<i>Litoria cultripes</i>	1	1	1
	<i>Litoria cyclorhyncha</i>	1	1	1 ^{inf}
	<i>Litoria dahlii</i>	1	1	1
	<i>Litoria darlingtoni</i>	1	1	1 ^{inf}
	<i>Litoria daviesae</i>	?	1	1 ^{inf}
	<i>Litoria dayi</i>	0	1	1 ^{inf}
	<i>Litoria dentata</i>	1	1	1 ^{inf}
	<i>Litoria electrica</i>	1	1	1 ^{inf}
	<i>Litoria eucnemis</i>	1	1	1 ^{inf}
	<i>Litoria ewingii</i>	1	1	1
	<i>Litoria fallax</i>	1	1	1 ^{inf}
	<i>Litoria freycineti</i>	1	1	1 ^{inf}
	<i>Litoria genimaculata</i>	1	1	1 ^{inf}
	<i>Litoria gilleni</i>	1	1	1 ^{inf}
	<i>Litoria gracilentia</i>	?	1	1 ^{inf}
	<i>Litoria havina</i>	1	1	1 ^{inf}
	<i>Litoria impura</i>	1	1	1 ^{inf}
	<i>Litoria inermis</i>	?	1	1 ^{inf}
	<i>Litoria jervisiensis</i>	1	1	1 ^{inf}
	<i>Litoria jungguy</i>	1	1	1 ^{inf}

Hylidae (cont.)	<i>Litoria kumae</i>	1	1	1 ^{inf}
	<i>Litoria latopalmata</i>	?	?	1
	<i>Litoria lesueurii</i>	1	1	1
	<i>Litoria longipes</i>	1	1	1 ^{inf}
	<i>Litoria longirostris</i>	1	1	1 ^{inf}
	<i>Litoria maculosa</i>	1	1	1 ^{inf}
	<i>Litoria maini</i>	1	1	1 ^{inf}
	<i>Litoria manya</i>	?	1	1 ^{inf}
	<i>Litoria meiriana</i>	1	1	1 ^{inf}
	<i>Litoria microbelos</i>	1	1	1 ^{inf}
	<i>Litoria micromembrana</i>	?	?	1
	<i>Litoria modica</i>	?	?	1
	<i>Litoria moorei</i>	1	1	1
	<i>Litoria nannotis</i>	0	?	?
	<i>Litoria nasuta</i>	1	1	1 ^{inf}
	<i>Litoria nigrofrenata</i>	1	1	1 ^{inf}
	<i>Litoria novaehollandiae</i>	1	1	1 ^{inf}
	<i>Litoria nudidigita</i>	?	1	1 ^{inf}
	<i>Litoria nyakalensis</i>	0	1	1 ^{inf}
	<i>Litoria pallida</i>	?	1	1 ^{inf}
	<i>Litoria paraewingi</i>	1	1	1 ^{inf}
	<i>Litoria pearsoniana</i>	1	1	1 ^{inf}
	<i>Litoria peronii</i>	1	1	1 ^{inf}
	<i>Litoria personata</i>	1	1	1 ^{inf}
	<i>Litoria phyllochroa</i>	0	1	1
	<i>Litoria platycephala</i>	1	1	1
	<i>Litoria pronimia</i>	1	1	1 ^{inf}
	<i>Litoria raniformis</i>	1	1	1 ^{inf}
	<i>Litoria revelata</i>	1	1	1 ^{inf}
	<i>Litoria rheocola</i>	?	1	1 ^{inf}
	<i>Litoria rothi</i>	1	1	1 ^{inf}
	<i>Litoria rubella</i>	1	1	1 ^{inf}
	<i>Litoria splendida</i>	1	1	1 ^{inf}
	<i>Litoria subglandulosa</i>	0	1	1 ^{inf}
	<i>Litoria tornieri</i>	1	1	1 ^{inf}
	<i>Litoria tyleri</i>	1	1	1 ^{inf}
	<i>Litoria vagitus</i>	1	1	1 ^{inf}
	<i>Litoria verreauxii</i>	1	1	1
	<i>Litoria verrucosa</i>	1	1	1 ^{inf}
	<i>Litoria watjulumensis</i>	1	1	1 ^{inf}
	<i>Litoria wilcoxii</i>	1	1	1 ^{inf}
	<i>Litoria xanthomera</i>	1	1	1 ^{inf}
	<i>Lysapsus limellum</i>	1	1	1 ^{inf}
	<i>Megastomatohyala mixe</i>	0	1	1 ^{inf}
	<i>Myersiophyla imparquesi</i>	1	1	1 ^{inf}

Hylidae (cont.)	<i>Myersiohyla kanaima</i>	?	1	1 ^{inf}
	<i>Nyctimantis rugiceps</i>	?	1	1 ^{inf}
	<i>Nyctimystes brevipalmatus</i>	1	1	1 ^{inf}
	<i>Nyctimystes foricula</i>	?	?	1
	<i>Nyctimystes infrafrrenatus</i>	1	1	1
	<i>Nyctimystes kubori</i>	?	?	1
	<i>Nyctimystes narinosus</i>	?	?	1
	<i>Nyctimystes papua</i>	?	?	1
	<i>Nyctimystes pulcher</i>	?	1	1
	<i>Nyctymistes zweifeli</i>	?	?	1
	<i>Osteocephalus alboguttatus</i>	?	1	1 ^{inf}
	<i>Osteocephalus buckleyi</i>	1	1	1 ^{inf}
	<i>Osteocephalus cabrerai</i>	1	1	1 ^{inf}
	<i>Osteocephalus deridens</i>	1	1	1 ^{inf}
	<i>Osteocephalus fuscifascies</i>	1	1	1 ^{inf}
	<i>Osteocephalus leprieurii</i>	1	1	1
	<i>Osteocephalus mutabor</i>	1	1	1 ^{inf}
	<i>Osteocephalus planiceps</i>	1	1	1 ^{inf}
	<i>Osteocephalus oophagus</i>	1	1	1 ^{inf}
	<i>Osteocephalus taurinus</i>	?	?	1
	<i>Osteocephalus verruciger</i>	1	1	1 ^{inf}
	<i>Osteocephalus yasuni</i>	1	1	1 ^{inf}
	<i>Osteopilus brunneus</i>	?	1	1 ^{inf}
	<i>Osteopilus crucialis</i>	?	1	1 ^{inf}
	<i>Osteopilus dominicensis</i>	?	1	1 ^{inf}
	<i>Osteopilus marianae</i>	?	1	1 ^{inf}
	<i>Osteopilus pulchrilineatus</i>	?	1	1 ^{inf}
	<i>Osteopilus septentrionalis</i>	1	1	1
	<i>Osteopilus vastus</i>	?	1	1 ^{inf}
	<i>Osteopilus wilderi</i>	?	?	1
	<i>Phasmahyla cochranæ</i>	?	1	1 ^{inf}
	<i>Phasmahyla cruzi</i>	?	1	1 ^{inf}
	<i>Phasmahyla exilis</i>	?	1	1 ^{inf}
	<i>Phasmahyla guttata</i>	?	?	1
	<i>Phasmahyla jandaia</i>	?	1	1 ^{inf}
	<i>Phrynomedusa marginata</i>	?	1	1 ^{inf}
	<i>Phyllodytes auratus</i>	?	1	1 ^{inf}
	<i>Phyllodytes luteolus</i>	?	?	1
	<i>Phyllomedusa atelopoides</i>	?	1	1
	<i>Phyllomedusa ayeaye</i>	?	1	1 ^{inf}
	<i>Phyllomedusa azurea</i>	1	1	1
	<i>Phyllomedusa bahiana</i>	?	1	1 ^{inf}
	<i>Phyllomedusa baltea</i>	?	1	1 ^{inf}
	<i>Phyllomedusa bicolor</i>	0	1	1
	<i>Phyllomedusa boliviana</i>	?	1	1 ^{inf}

Hylidae (cont.)	<i>Phyllomedusa burmeisteri</i>	?	1	1 ^{inf}
	<i>Phyllomedusa camba</i>	0	1	1 ^{inf}
	<i>Phyllomedusa centralis</i>	?	1	1 ^{inf}
	<i>Phyllomedusa duellmani</i>	?	1	1 ^{inf}
	<i>Phyllomedusa hypochondrialis</i>	?	1	1 ^{inf}
	<i>Phyllomedusa iheringii</i>	?	1	1 ^{inf}
	<i>Phyllomedusa megacephala</i>	?	1	1 ^{inf}
	<i>Phyllomedusa neildi</i>	?	1	1 ^{inf}
	<i>Phyllomedusa nordestina</i>	?	1	1 ^{inf}
	<i>Phyllomedusa oreades</i>	?	1	1 ^{inf}
	<i>Phyllomedusa palliata</i>	1	1	1 ^{inf}
	<i>Phyllomedusa perinesos</i>	?	1	1 ^{inf}
	<i>Phyllomedusa rohdei</i>	?	1	1 ^{inf}
	<i>Phyllomedusa sauvagii</i>	1	1	1
	<i>Phyllomedusa tarsius</i>	1	1	1 ^{inf}
	<i>Phyllomedusa tetraploidea</i>	?	1	1 ^{inf}
	<i>Phyllomedusa tomopterna</i>	0	1	1 ^{inf}
	<i>Phyllomedusa trinitatis</i>	?	1	1 ^{inf}
	<i>Phyllomedusa vaillanti</i>	?	1	1 ^{inf}
	<i>Plectrohyla ameibothalame</i>	?	1	1 ^{inf}
	<i>Plectrohyla arborescens</i>	?	1	1 ^{inf}
	<i>Plectrohyla bistincta</i>	?	1	1 ^{inf}
	<i>Plectrohyla calthula</i>	?	1	1 ^{inf}
	<i>Plectrohyla chrysopleura</i>	?	1	1 ^{inf}
	<i>Plectrohyla cyclada</i>	?	1	1 ^{inf}
	<i>Plectrohyla glandulosa</i>	?	1	1 ^{inf}
	<i>Plectrohyla guatemalensis</i>	?	1	1 ^{inf}
	<i>Plectrohyla mutadai</i>	?	1	1 ^{inf}
	<i>Plectrohyla pentheter</i>	?	1	1 ^{inf}
	<i>Plectrohyla siopela</i>	?	1	1
	<i>Pseudacris brachypona</i>	1	1	1 ^{inf}
	<i>Pseudacris brimleyi</i>	1	1	1 ^{inf}
	<i>Pseudacris cadaverina</i>	1	1	1 ^{inf}
	<i>Pseudacris clarkii</i>	?	?	1
	<i>Pseudacris crucifer</i>	1	1	1 ^{inf}
	<i>Pseudacris feriarum</i>	1	1	1 ^{inf}
	<i>Pseudacris fouqueti</i>	1	1	1 ^{inf}
	<i>Pseudacris illinoensis</i>	1	1	1 ^{inf}
	<i>Pseudacris kalmi</i>	1	1	1 ^{inf}
	<i>Pseudacris maculata</i>	1	1	1 ^{inf}
	<i>Pseudacris nigrita</i>	?	1	1 ^{inf}
	<i>Pseudacris ocularis</i>	?	1	1
	<i>Pseudacris ornata</i>	?	1	1
	<i>Pseudacris regilla</i>	?	1	1
	<i>Pseudacris streckeri</i>	1	1 ^{inf}	1

Hylidae (cont.)	<i>Pseudacris triseriata</i>	?	1	1 ^{inf}
	<i>Pseudis bolbodactyla</i>	?	1	1 ^{inf}
	<i>Pseudis cardosoi</i>	?	1	1 ^{inf}
	<i>Pseudis fusca</i>	?	1	1 ^{inf}
	<i>Pseudis minuta</i>	1	1	1
	<i>Pseudis paradoxa</i>	1	1	1
	<i>Pseudis tocantins</i>	?	1	1 ^{inf}
	<i>Ptychohyla dendrophasma</i>	?	1	1 ^{inf}
	<i>Ptychohyla euthysanota</i>	?	1	1 ^{inf}
	<i>Ptychohyla hypomykter</i>	?	1	1 ^{inf}
	<i>Ptychohyla leonhardschultzei</i>	?	1	1 ^{inf}
	<i>Ptychohyla spinipollex</i>	?	1	1
	<i>Ptychohyla zophodes</i>	?	1	1 ^{inf}
	<i>Scarthyla goinorum</i>	1	1	1
	<i>Scinax acuminatus</i>	1	1	1 ^{inf}
	<i>Scinax berthae</i>	1	1	1 ^{inf}
	<i>Scinax boesemani</i>	1	1	1 ^{inf}
	<i>Scinax boulengeri</i>	1	1 ^{inf}	1
	<i>Scinax catharinae</i>	?	1	1
	<i>Scinax crospedospilus</i>	?	1	1
	<i>Scinax cruentommus</i>	?	1	1
	<i>Scinax elaeochrous</i>	?	1	1
	<i>Scinax faivovichi</i>	1	1	1 ^{inf}
	<i>Scinax fuscovarius</i>	1	1	1 ^{inf}
	<i>Scinax garbei</i>	1	1	1
	<i>Scinax nasicus</i>	?	1	1 ^{inf}
	<i>Scinax nebulosus</i>	?	1	1
	<i>Scinax perpusillus</i>	1	1	1
	<i>Scinax rostratus</i>	?	1	1
	<i>Scinax ruber</i>	?	1	1
	<i>Scinax squalirostris</i>	?	1	1
	<i>Scinax staufferi</i>	?	1	1 ^{inf}
	<i>Scinax uruguayus</i>	1	1	1 ^{inf}
	<i>Smilisca baudinii</i>	1	1	1 ^{inf}
	<i>Smilisca cyanosticta</i>	?	1	1 ^{inf}
	<i>Smilisca fodiens</i>	?	1	1
	<i>Smilisca phaeota</i>	1	1	1
	<i>Smilisca puma</i>	?	1	1 ^{inf}
	<i>Smilisca sila</i>	?	1	1 ^{inf}
	<i>Smilisca sordida</i>	?	1	1
	<i>Sphaenorhynchus lacteus</i>	1	1	1
	<i>Tepuhyla talbergae</i>	1	1	1 ^{inf}
	<i>Tepuihyla aecii</i>	?	1	1 ^{inf}
	<i>Tepuihyla edelcae</i>	?	1	1 ^{inf}
	<i>Tepuihyla exophthalma</i>	1	1	1

Hylidae (cont.)	<i>Tepuihyla rodriguezi</i>	?	1	1 ^{inf}
	<i>Tlalocohyla godmani</i>	?	1	1 ^{inf}
	<i>Tlalocohyla loquax</i>	1	1	1
	<i>Tlalocohyla picta</i>	?	1	1 ^{inf}
	<i>Tlalocohyla smithtii</i>	?	1	1 ^{inf}
	<i>Trachycephalus hadroceph</i>	1	1	1 ^{inf}
	<i>Trachycephalus jordani</i>	?	?	1
	<i>Trachycephalus mesophaeus</i>	1	1	1 ^{inf}
	<i>Trachycephalus nigromaculatus</i>	?	?	1
	<i>Trachycephalus resinifictrix</i>	1	1	1 ^{inf}
	<i>Trachycephalus typhonius</i>	1	1	1
	<i>Tripion petasatus</i>	?	1	1
	<i>Xenohyla truncata</i>	1	1	1
Hylodidae	<i>Crossodactylus schmidtii</i>	1	1	1
	<i>Hylodes ornatus</i>	?	1	1 ^{inf}
	<i>Megaelosia goeldii</i>	?	?	1
Hyperoliidae	<i>Acanthixalus spinosus</i>	0	1	1 ^{inf}
	<i>Afrixalus dorsalis</i>	?	1	1 ^{inf}
	<i>Afrixalus fornasini</i>	0	1	1
	<i>Afrixalus laevis</i>	?	?	1
	<i>Alexteroon obstetricans</i>	?	1	1 ^{inf}
	<i>Cryptothylax greshoffi</i>	?	1	1
	<i>Heterixalus alboguttatus</i>	?	1	1 ^{inf}
	<i>Heterixalus betsileo</i>	0	?	1
	<i>Heterixalus boettgeri</i>	0	1	1 ^{inf}
	<i>Heterixalus carbonei</i>	?	1	1 ^{inf}
	<i>Heterixalus madagascariensis</i>	0	1	1
	<i>Heterixalus punctatus</i>	?	1	1 ^{inf}
	<i>Heterixalus tricolor</i>	?	1	1 ^{inf}
	<i>Hyperolius benguellensis</i>	0	?	1
	<i>Hyperolius castaneus</i>	?	1	1
	<i>Hyperolius chlorosteus</i>	?	1	1 ^{inf}
	<i>Hyperolius concolor</i>	?	1	1 ^{inf}
	<i>Hyperolius guttulatus</i>	?	1	1 ^{inf}
	<i>Hyperolius nasutus</i>	0	1	1
	<i>Hyperolius ocellatus</i>	?	1	1
	<i>Hyperolius phantasticus</i>	?	1	1
	<i>Hyperolius puncticulatus</i>	?	1	1 ^{inf}
	<i>Hyperolius pusillus</i>	0	?	1
	<i>Hyperolius tuberilinguis</i>	0	1	1 ^{inf}
	<i>Hyperolius viridiflavus</i>	1	1	1
	<i>Kassina maculata</i>	0	1	1 ^{inf}
	<i>Kassina senegalensis</i>	0	1	1
	<i>Morerella cyanophthalma</i>	1	1	1

Hyperoliidae (cont.)	<i>Opisthotylax immaculatus</i>	0	?	1
	<i>Phlyctimantis leonardi</i>	?	1	1 ^{inf}
	<i>Phlyctimantis verrucosus</i>	0	1	1
	<i>Semnodactylus wealii</i>	0	1	1 ^{inf}
	<i>Tachycinemis seychellensis</i>	?	1	1 ^{inf}
Leiopelmatidae	<i>Leiopelma archeyi</i>	0 ^{inf}	0 ^{inf}	0
	<i>Leiopelma hochstetteri</i>	0	0	0
Leptodactylidae	<i>Adenomera andreae</i>	1	1	1 ^{inf}
	<i>Adenomera heyeri</i>	1	1	1
	<i>Adenomera hylaedactyla</i>	1	1	1
	<i>Edalorhina perezii</i>	1	1	1
	<i>Engystomops coloradum</i>	1	1 ^{inf}	1 ^{inf}
	<i>Engystomops guayaco</i>	1	1 ^{inf}	1 ^{inf}
	<i>Engystomops montubio</i>	1	1 ^{inf}	1 ^{inf}
	<i>Engystomops petersi</i>	1	1	1
	<i>Engystomops pustulatus</i>	1	1	1
	<i>Engystomops pustulosus</i>	1	?	1
	<i>Engystomops randi</i>	1	1 ^{inf}	1 ^{inf}
	<i>Leptodactylus albilabris</i>	1	1	1
	<i>Leptodactylus bolivianus</i>	1	1	1
	<i>Leptodactylus bufonius</i>	1	1	1
	<i>Leptodactylus chaquensis</i>	1	1	1
	<i>Leptodactylus diedrus</i>	1	1	1 ^{inf}
	<i>Leptodactylus discodactylus</i>	1	1	1 ^{inf}
	<i>Leptodactylus didymus</i>	1	1	1 ^{inf}
	<i>Leptodactylus elenae</i>	1	1	1 ^{inf}
	<i>Leptodactylus fallax</i>	1	1	1 ^{inf}
	<i>Leptodactylus fuscus</i>	1	1	1
	<i>Leptodactylus gracilis</i>	1	1	1
	<i>Leptodactylus griseigularis</i>	1	1	1 ^{inf}
	<i>Leptodactylus knudseni</i>	1	1	1 ^{inf}
	<i>Leptodactylus labyrinthicus</i>	1	1	1 ^{inf}
	<i>Leptodactylus latrans</i>	1	1	1
	<i>Leptodactylus leptodactyloides</i>	1	1	1 ^{inf}
	<i>Leptodactylus longirostris</i>	1	1	1 ^{inf}
	<i>Leptodactylus melanonotus</i>	1	1	1
	<i>Leptodactylus myersi</i>	1	1	1 ^{inf}
	<i>Leptodactylus mystaceus</i>	1	1	1
	<i>Leptodactylus mystacinus</i>	1	1	1
	<i>Leptodactylus notoaktites</i>	1	1	1 ^{inf}
	<i>Leptodactylus pentadactylus</i>	1	1	1
	<i>Leptodactylus plaumanni</i>	1	1	1 ^{inf}
	<i>Leptodactylus podicipinus</i>	1	1	1
	<i>Leptodactylus rhodonotus</i>	1	1	1 ^{inf}
	<i>Leptodactylus rhodomystax</i>	1	1	1 ^{inf}

Leptodactylidae (cont.)	<i>Leptodactylus riveroi</i>	1	1	1 ^{inf}
	<i>Leptodactylus silvanimbus</i>	1	1	1 ^{inf}
	<i>Leptodactylus spixi</i>	1	1	1 ^{inf}
	<i>Leptodactylus stenodema</i>	1	1	1 ^{inf}
	<i>Leptodactylus syphax</i>	1	1	1
	<i>Leptodactylus validus</i>	1	1	1 ^{inf}
	<i>Leptodactylus vastus</i>	1	1	1 ^{inf}
	<i>Leptodactylus wagneri</i>	1	1	1
	<i>Lithodytes lineatus</i>	1	1	1
	<i>Paratelmatobius cardosoi</i>	?	?	1
	<i>Paratelmatobius poecilogaster</i>	?	?	1
	<i>Physalaemus albonotatus</i>	1	1	1
	<i>Physalaemus biligonigerus</i>	0	?	1
	<i>Physalaemus centralis</i>	1	1	1
	<i>Physalaemus cuvieri</i>	0&1	1	1
	<i>Physalaemus gracilis</i>	1	1	1
	<i>Physalaemus nattereri</i>	0	1	1
	<i>Physalaemus signifer</i>	?	?	1
	<i>Pleurodema brachyops</i>	1	1	1
	<i>Pleurodema cinereum</i>	1	1	1
	<i>Pleurodema diplolister</i>	?	1	1
	<i>Pleurodema kriegi</i>	?	1	1
	<i>Pleurodema marmoratum</i>	?	?	1
	<i>Pleurodema tucumanum</i>	?	1	1
	<i>Pseudopaludicola falcipes</i>	0	0	1
	<i>Pseudopaludicola mystacalis</i>	0	0	1
	<i>Scythrophrys sawayae</i>	0	?	1
Limnodynastidae	<i>Adelotus brevis</i>	0	?	1
	<i>Heleioporus australiacus</i>	1	1	1
	<i>Lechriodus fletcheri</i>	0	1	1
	<i>Lechriodus melanopyga</i>	1	1	1 ^{inf}
	<i>Limnodynastes depressus</i>	0	1	1 ^{inf}
	<i>Limnodynastes dorsalis</i>	0	?	1
	<i>Limnodynastes dumerilii</i>	0&1	1	1 ^{inf}
	<i>Limnodynastes fletcheri</i>	0	?	1
	<i>Limnodynastes lignarius</i>	1	1	1 ^{inf}
	<i>Limnodynastes peronii</i>	0	1	1
	<i>Limnodynastes salmini</i>	0	1	1
	<i>Limnodynastes tasmaniensis</i>	0	?	1
	<i>Neobatrachus pelobatoides</i>	?	1	?
	<i>Neobatrachus pictus</i>	0	?	1
	<i>Neobatrachus sudelli</i>	0	?	1
	<i>Notaden bennettii</i>	0	?	1
	<i>Philoria sphagnicolus</i>	0	?	1
	<i>Platyplectrum ornatum</i>	0	1	1

Mantellidae	<i>Aglyptodactylus madagascariensis</i>	1	1	1 ^{inf}
	<i>Blommersia blommersae</i>	0	1	1 ^{inf}
	<i>Blommersia domerguei</i>	0	1	1 ^{inf}
	<i>Blommersia grandisonae</i>	0	1	1 ^{inf}
	<i>Blommersia madinika</i>	0	1	1 ^{inf}
	<i>Blommersia sarotra</i>	0	1	1 ^{inf}
	<i>Boehmantis microtympaum</i>	0	1	1 ^{inf}
	<i>Boophis ankaratra</i>	0	1	1 ^{inf}
	<i>Boophis axelmeyeri</i>	0	1	1 ^{inf}
	<i>Boophis bottae</i>	0	1	1 ^{inf}
	<i>Boophis englaenderi</i>	0	1	1 ^{inf}
	<i>Boophis goudotii</i>	1	1	1
	<i>Boophis idae</i>	0	1	1 ^{inf}
	<i>Boophis madagascariensis</i>	?	1	1 ^{inf}
	<i>Boophis mandraka</i>	0	1	1 ^{inf}
	<i>Boophis marojezensis</i>	0	1	1 ^{inf}
	<i>Boophis pauliani</i>	0	1	1 ^{inf}
	<i>Boophis phyrus</i>	0	1	1 ^{inf}
	<i>Boophis picturatus</i>	0	1	1 ^{inf}
	<i>Boophis rufiocularis</i>	0	1	1 ^{inf}
	<i>Boophis sambirano</i>	?	1	1 ^{inf}
	<i>Boophis sibilans</i>	0	1	1 ^{inf}
	<i>Boophis tephraeomystax</i>	1	1	1 ^{inf}
	<i>Boophis viridis</i>	0	1	1 ^{inf}
	<i>Boophis vittatus</i>	0	1	1 ^{inf}
	<i>Boophis williamsi</i>	0	1	1 ^{inf}
	<i>Gephyromantis asper</i>	1	1	1 ^{inf}
	<i>Gephyromantis azurrae</i>	1	1	1 ^{inf}
	<i>Gephyromantis blanci</i>	?	1	1 ^{inf}
	<i>Gephyromantis boulengeri</i>	1	1	1 ^{inf}
	<i>Gephyromantis cornutus</i>	1	1	1 ^{inf}
	<i>Gephyromantis corvus</i>	1	1	1 ^{inf}
	<i>Gephyromantis eiselti</i>	1	1	1 ^{inf}
	<i>Gephyromantis granulatus</i>	?	1	1 ^{inf}
	<i>Gephyromantis horridus</i>	0	1	1 ^{inf}
	<i>Gephyromantis klemmeri</i>	1	1	1 ^{inf}
	<i>Gephyromantis luecocephalus</i>	1	1	1 ^{inf}
	<i>Gephyromantis leucomaculatus</i>	1	1	1 ^{inf}
	<i>Gephyromantis luteus</i>	0	1	1 ^{inf}
	<i>Gephyromantis malagasius</i>	0	1	1 ^{inf}
	<i>Gephyromantis plicifer</i>	1	1	1 ^{inf}
	<i>Gephyromantis pseudoasper</i>	1	1	1 ^{inf}
	<i>Gephyromantis redimitus</i>	1	1	1 ^{inf}

Mantellidae (cont.)	<i>Gephyromantis rivicola</i>	1	1	1 ^{inf}
	<i>Gephyromantis salegy</i>	1	1	1 ^{inf}
	<i>Gephyromantis sculpturatus</i>	1	1	1 ^{inf}
	<i>Gephyromantis striatus</i>	0	1	1 ^{inf}
	<i>Gephyromantis ventrimaculatus</i>	1	1	1 ^{inf}
	<i>Gephyromantis zavona</i>	1	1	1 ^{inf}
	<i>Guibemantis albolineatus</i>	0	1	1 ^{inf}
	<i>Guibemantis punctatus</i>	0	1	1 ^{inf}
	<i>Guibemantis liber</i>	0	1	1 ^{inf}
	<i>Guibemantis pulcher</i>	?	1	1 ^{inf}
	<i>Guibemantis punctatus</i>	0	1	1 ^{inf}
	<i>Guibemantis tornieri</i>	1	1	1 ^{inf}
	<i>Laliostoma labrosum</i>	1	1	1 ^{inf}
	<i>Mantella aurantiaca</i>	0	1	1
	<i>Mantella baroni</i>	0	1	1 ^{inf}
	<i>Mantella bernhardi</i>	0	1	1 ^{inf}
	<i>Mantella betsileo</i>	?	1	1 ^{inf}
	<i>Mantella crocea</i>	?	1	1 ^{inf}
	<i>Mantella ebenau</i>	?	1	1 ^{inf}
	<i>Mantella expectata</i>	0	1	1 ^{inf}
	<i>Mantella laevigata</i>	?	1	1 ^{inf}
	<i>Mantella madagascariensis</i>	?	1	1 ^{inf}
	<i>Mantella nigricans</i>	?	1	1 ^{inf}
	<i>Mantidactylus aerumnalis</i>	1	1	1 ^{inf}
	<i>Mantidactylus ambreensis</i>	1	1	1 ^{inf}
	<i>Mantidactylus argenteus</i>	1	1	1 ^{inf}
	<i>Mantidactylus betsileanus</i>	1	1	1 ^{inf}
	<i>Mantidactylus biporus</i>	1	1	1 ^{inf}
	<i>Mantidactylus charlotteae</i>	1	1	1 ^{inf}
	<i>Mantidactylus curtus</i>	1	1	1 ^{inf}
	<i>Mantidactylus femoralis</i>	0&1	1	1
	<i>Mantidactylus lugubris</i>	?	1	1 ^{inf}
	<i>Mantidactylus majori</i>	1	1	1 ^{inf}
	<i>Mantidactylus mocquardi</i>	1	1	1 ^{inf}
	<i>Mantidactylus opiparis</i>	1	1	1 ^{inf}
	<i>Mantidactylus ulcerosus</i>	1	1	1 ^{inf}
	<i>Spinomantis aglavei</i>	?	1	1 ^{inf}
	<i>Spinomantis guibei</i>	?	1	1 ^{inf}
	<i>Tsingymantis antitra</i>	1	1	1 ^{inf}
Megophryidae	<i>Brachytarsophrys feae</i>	0	?	?
	<i>Leptobrachium banae</i>	?	1	1 ^{inf}
	<i>Leptobrachium chapaense</i>	1	1	1 ^{inf}
	<i>Leptobrachium echinatum</i>	0	1	1 ^{inf}
	<i>Leptobrachium hasseltii</i>	1	1	1

Megophryidae (cont.)	<i>Leptobrachium hendricksoni</i>	1	1	1 ^{inf}
	<i>Leptobrachium mouhoti</i>	?	1	1 ^{inf}
	<i>Leptobrachium montanum</i>	1	1	1 ^{inf}
	<i>Leptobrachium nigrops</i>	1	1	1 ^{inf}
	<i>Leptobrachium pullum</i>	1	1	1 ^{inf}
	<i>Leptobrachium smithi</i>	1	1	1 ^{inf}
	<i>Leptolalax arayai</i>	1	1	1 ^{inf}
	<i>Leptolalax bourreti</i>	0	1	1 ^{inf}
	<i>Leptolalax oshanensis</i>	?	1	1 ^{inf}
	<i>Leptolalax pelodytoides</i>	0	1	1 ^{inf}
	<i>Leptolalax pictus</i>	1	1	1 ^{inf}
	<i>Leptolalax pluvialis</i>	1	1	1 ^{inf}
	<i>Leptolalax ventripunctatus</i>	1	1	1 ^{inf}
	<i>Megophrys baluensis</i>	?	1	1 ^{inf}
	<i>Megophrys longipes</i>	?	1	1 ^{inf}
	<i>Megophrys major</i>	?	1	1 ^{inf}
	<i>Megophrys minor</i>	?	1	1 ^{inf}
	<i>Megophrys nasuta</i>	0	1	1
	<i>Megophrys parva</i>	?	1	1 ^{inf}
	<i>Megophrys shapingensis</i>	?	1	1 ^{inf}
	<i>Megophrys spinata</i>	?	1	1 ^{inf}
	<i>Ophryophryne han si</i>	?	1	1 ^{inf}
	<i>Ophryophryne microstoma</i>	?	1	1 ^{inf}
	<i>Oreolalax chuanbeiensis</i>	0	1	1
	<i>Oreolalax jiandongensis</i>	0	?	?
	<i>Oreolalax liangbeiensis</i>	0	1	1
	<i>Oreolalax lichuanensis</i>	0	1	1
	<i>Oreolalax major</i>	0	1	1
	<i>Oreolalax multipunctatus</i>	0	1	1
	<i>Oreolalax nanjiangensis</i>	0	1	1
	<i>Oreolalax omeimontis</i>	0	1	1
	<i>Oreolalax pingii</i>	0	1	1
	<i>Oreolalax popei</i>	0	1	1
	<i>Oreolalax rhodostigmatus</i>	1	1	1
	<i>Oreolalax rugosus</i>	0	0	0
	<i>Oreolalax schmidtii</i>	0	1	1
	<i>Oreolalax xiangchengensis</i>	0	?	?
	<i>Scutiger boulengeri</i>	?	?	1
	<i>Scutiger chintingensis</i>	0 ^{inf}	0 ^{inf}	0
	<i>Scutiger mammatus</i>	0	1	1
	<i>Scutiger muliensis</i>	0 ^{inf}	0 ^{inf}	0
	<i>Scutiger tuberculatus</i>	0 ^{inf}	0 ^{inf}	0
Micrixalidae	<i>Micrixalus fuscus</i>	?	1	1
	<i>Micrixalus kottigeharensis</i>	?	1	1 ^{inf}
	<i>Micrixalus saxicola</i>	?	1	1

Microhylidae	<i>Anodonthyla boulengerii</i>	0	1	1
	<i>Anodonthyla montana</i>	1	1	1
	<i>Anodonthyla moramora</i>	0	1	1 ^{inf}
	<i>Anodonthyla rouxae</i>	0	1	1 ^{inf}
	<i>Apantophryne pansa</i>	?	1	1
	<i>Asterophrys turpicola</i>	1	1	1 ^{inf}
	<i>Austrochaperina palmipes</i>	0	1	1
	<i>Barygenys flavigularis</i>	0	1	1 ^{inf}
	<i>Calluela guttulata</i>	0	1	1
	<i>Calluela minuta</i>	?	1	1
	<i>Calluela yunnanensis</i>	0	1	1
	<i>Callulops robustus</i>	0	1	1
	<i>Chaperina fusca</i>	0	1	1
	<i>Chiasmocleis albopunctata</i>	?	1	1
	<i>Chiasmocleis hudsoni</i>	0	1	1 ^{inf}
	<i>Choerophryne rostellifer</i>	?	1	1
	<i>Cophixalus ornatus</i>	?	?	1
	<i>Cophyla berara</i>	?	1	1
	<i>Cophyla phyllodactyla</i>	0	1	1
	<i>Copiula derongo</i>	0	1	1 ^{inf}
	<i>Copiula guttata</i>	?	?	1
	<i>Ctenophryne aequatorialis</i>	?	?	1
	<i>Ctenophryne geayi</i>	0	1	1
	<i>Dasylops schirchi</i>	0	1	1
	<i>Dermatonotus muelleri</i>	0	?	1
	<i>Dyscophus antongilii</i>	0	1	1
	<i>Dyscophus guineti</i>	0	1	1
	<i>Dyscophus insularis</i>	0	1	1
	<i>Elachistocleis bicolor</i>	0	1	1
	<i>Gastrophryne carolinensis</i>	0	1	1
	<i>Gastrophryne elegans</i>	?	1	1
	<i>Genyophryne thomsoni</i>	?	1	1
	<i>Glyphoglossus molossus</i>	1	1	1
	<i>Hamptophryne boliviana</i>	0	1	1
	<i>Hoplophryne rogersi</i>	0	0	0
	<i>Hoplophryne uluguruensis</i>	0	0	0
	<i>Hylophorbus picoides</i>	0	1	1 ^{inf}
	<i>Hylophorbus rufescens</i>	0	1	1
	<i>Hypopachus variolosus</i>	0	1	1
	<i>Kalophrynus baluensis</i>	?	1	1
	<i>Kalophrynus interlineatus</i>	?	1	1
	<i>Kalophrynus intermedius</i>	?	1	1 ^{inf}
	<i>Kalophrynus pleurostigma</i>	0	1	1
	<i>Kaloula borealis</i>	?	1	1
	<i>Kaloula conjuncta</i>	?	1	1

Microhylidae (cont.)	<i>Kaloula mediolineata</i>	?	1	1
	<i>Kaloula picta</i>	?	1	1
	<i>Kaloula pulchra</i>	1	1	1
	<i>Liophryne rhododactyla</i>	?	1	1
	<i>Liophryne schlaginhaufeni</i>	?	1	1
	<i>Mantophryne lateralis</i>	0	1	1 ^{inf}
	<i>Melanobatrachus indicus</i>	0	0	0
	<i>Metamagnusia slateri</i>	?	1	1 ^{inf}
	<i>Metaphrynella pollicaris</i>	?	1	1
	<i>Metaphrynella sundana</i>	?	1	1
	<i>Microhyla achatina</i>	?	1	1
	<i>Microhyla annectens</i>	0	1	1
	<i>Microhyla berdmorei</i>	0	1	1
	<i>Microhyla borneensis</i>	0	1	1
	<i>Microhyla butleri</i>	0	0&1	0&1
	<i>Microhyla heymonsi</i>	0 ^{inf}	0&1	0&1
	<i>Microhyla okinavensis</i>	0	1	1
	<i>Microhyla ornata</i>	?	1	1
	<i>Microhyla palmipes</i>	0	1	1
	<i>Microhyla pulchra</i>	0	1	1
	<i>Microhyla superciliaris</i>	0	1	1
	<i>Micryletta inornata</i>	?	1	1
	<i>Oreophryne monticola</i>	?	1	1
	<i>Oreophryne sibilans</i>	0	1	1 ^{inf}
	<i>Oreophryne unicolor</i>	0	1	1 ^{inf}
	<i>Otophryne pyburni</i>	1	1	1 ^{inf}
	<i>Oxydactyla crassa</i>	?	?	1
	<i>Paradoxophyla palmata</i>	0	1	1 ^{inf}
	<i>Phrynella pulchra</i>	?	1	1
	<i>Phrynomantis bifasciatus</i>	0	1	1
	<i>Phrynomantis microps</i>	0	1	1
	<i>Platypelis grandis</i>	?	1	1
	<i>Platypelis milloti</i>	0	1	1 ^{inf}
	<i>Platypelis pollicaris</i>	0	1	1
	<i>Platypelis tuberifera</i>	?	1	1
	<i>Plethodonthyla bipunctata</i>	?	1	1 ^{inf}
	<i>Plethodonthyla guentheri</i>	?	1	1 ^{inf}
	<i>Plethodonthyla inguinalis</i>	0	1	1
	<i>Plethodonthyla mihanika</i>	0	1	1 ^{inf}
	<i>Plethodonthyla notosticta</i>	0	1	1
	<i>Plethodonthyla ocellata</i>	0	1	1
	<i>Plethodonthyla tuberata</i>	?	1	1
	<i>Pseudocallulops eurydactylus</i>	1	1	1 ^{inf}
	<i>Ramanella montana</i>	?	1	1
	<i>Ramanella obscura</i>	?	1	1

Microhylidae (cont.)	<i>Ramanella variegata</i>	?	1	1
	<i>Rhombophryne alluaudi</i>	0	1	1 ^{inf}
	<i>Rhombophryne coronata</i>	0	1	1 ^{inf}
	<i>Rhombophryne coudreaui</i>	0	1	1 ^{inf}
	<i>Rhombophryne grandis</i>	?	1	1 ^{inf}
	<i>Rhombophryne helenae</i>	?	1	1 ^{inf}
	<i>Rhombophryne psologlossa</i>	?	1	1
	<i>Rhombophryne serratopalpebroso</i>	0	1	1
	<i>Rhombophryne testudo</i>	0	1	1
	<i>Rhombophryne tetradactyla</i>	1	1	1 ^{inf}
	<i>Rhombophryne tridactyla</i>	0	1	1 ^{inf}
	<i>Scaphiophryne calcarata</i>	0	1	1
	<i>Scaphiophryne marmorata</i>	0	1	1
	<i>Scaphiophryne menabensis</i>	0	1	1 ^{inf}
	<i>Sphenophryne cornuta</i>	?	1	1
	<i>Synapturanus mirandaribeiroi</i>	0	1	1
	<i>Uperodon systoma</i>	0	?	1
	<i>Xenorhina bouwensi</i>	?	1	1
	<i>Xenorhina obesa</i>	0	1	1 ^{inf}
	<i>Xenorhina oxycephala</i>	?	1	1 ^{inf}
Myobatrachidae	<i>Assa darlingtoni</i>	0	1	1
	<i>Crinia deserticola</i>	?	?	1
	<i>Crinia parinsignifera</i>	?	?	1
	<i>Crinia riparia</i>	?	?	0
	<i>Crinia signifera</i>	0	?	1
	<i>Crinia tinnula</i>	?	?	1
	<i>Geocrinia victoriana</i>	0	1	1
	<i>Metacrinia nicholli</i>	?	?	1
	<i>Mixophyes carbinensis</i>	1	1	1 ^{inf}
	<i>Mixophyes coggeri</i>	1	1	1 ^{inf}
	<i>Mixophyes fasciolatus</i>	1	1	1
	<i>Mixophyes schevilli</i>	1	1	1
	<i>Myobatrachus gouldii</i>	?	?	1
	<i>Pseudophryne bibronii</i>	0	0	0
	<i>Pseudophryne coriacea</i>	0	0	0
	<i>Rheobatrachus silus</i>	0	?	1
	<i>Spicospina flammocaerulea</i>	1	1	1
	<i>Taudactylus acutirostris</i>	0	?	1
	<i>Uperoleia aspera</i>	0	?	1
	<i>Uperoleia borealis</i>	?	?	1
	<i>Uperoleia crassa</i>	?	?	1
	<i>Uperoleia fusca</i>	?	?	1
	<i>Uperoleia glandulosa</i>	?	?	1
	<i>Uperoleia inundata</i>	?	?	1

Myobatrachidae (cont.)	<i>Uperoleia laevigata</i>	0	?	1
	<i>Uperoleia lithomoda</i>	?	?	1
	<i>Uperoleia littlejohni</i>	?	?	1
	<i>Uperoleia micromeles</i>	?	?	1
	<i>Uperoleia minima</i>	?	?	1
	<i>Uperoleia mjobergii</i>	?	?	1
	<i>Uperoleia rugosa</i>	0	?	1
	<i>Uperoleia russelli</i>	0	?	1
	<i>Uperoleia talpa</i>	?	?	1
	<i>Uperoleia trachyderma</i>	?	?	1
	<i>Uperoleia tyleri</i>	?	?	1
Nasikabatrachidae	<i>Nasikabatrachus sahyadrensis</i>	0	?	0 [†]
Nyctibatrachidae	<i>Nyctibatrachus beddomii</i>	?	1	1 ^{inf}
	<i>Nyctibatrachus deccanensis</i>	0	?	?
	<i>Nyctibatrachus kempholeyensis</i>	?	1	1 ^{inf}
	<i>Nyctibatrachus major</i>	0	?	?
	<i>Nyctibatrachus minimus</i>	?	1	1 ^{inf}
	<i>Nyctibatrachus minor</i>	?	1	1 ^{inf}
	<i>Nyctibatrachus sylvaticus</i>	?	1	1
Odontophrynidae	<i>Macrogenioglottus alipioi</i>	0	1	1
	<i>Odontophrynus achalensis</i>	0	1	1
	<i>Odontophrynus americanus</i>	0	1	1
	<i>Odontophrynus carvalhoi</i>	0	1	1
	<i>Odontophrynus cultripes</i>	0	1	1
	<i>Proceratophrys appendiculata</i>	0	1	1
	<i>Proceratophrys avelinoi</i>	0	1	1
	<i>Proceratophrys boiei</i>	0	1	1
	<i>Proceratophrys concavitympanum</i>	?	1	1 ^{inf}
	<i>Proceratophrys cristiceps</i>	0	1	1
	<i>Proceratophrys laticeps</i>	?	?	1
	<i>Proceratophrys melanopogon</i>	?	?	1
Pelodytidae	<i>Pelobates cultripes</i>	?	?	1
	<i>Pelobates fuscus</i>	0	?	1
	<i>Pelobates syriacus</i>	?	?	1
	<i>Pelobates varaldii</i>	?	?	1
	<i>Pelodytes caucasicus</i>	?	?	1
	<i>Pelodytes ibericus</i>	?	?	1
	<i>Pelodytes punctatus</i>	?	?	1
Petroedetidae	<i>Arthroleptides martiensseni</i>	1	1	1
	<i>Arthroleptides yakusini</i>	1	1	1 ^{inf}
	<i>Aubria subsigillata</i>	1	1	1
	<i>Petroedetes cameronensis</i>	1	1	1
	<i>Petroedetes newtoni</i>	1	1	1
	<i>Petroedetes parkeri</i>	1	1	1

Phrynobatrachidae	<i>Phrynobatrachus acridoides</i>	1	1	1
	<i>Phrynobatrachus africanus</i>	0	1	1
	<i>Phrynobatrachus calcaratus</i>	0	?	?
	<i>Phrynobatrachus cricogaster</i>	0	1	1
	<i>Phrynobatrachus dispar</i>	?	1	1 ^{inf}
	<i>Phrynobatrachus krefftii</i>	0	1	1
	<i>Phrynobatrachus natalensis</i>	0	1	1
	<i>Phrynobatrachus sandersoni</i>	0	1	1
Pipidae	<i>Hymenochyris boettgeri</i>	?	1	1
	<i>Pipa carvalhoi</i>	?	?	1
	<i>Pipa parva</i>	?	1	1
	<i>Pipa pipa</i>	0	1	1
	<i>Xenopus borealis</i>	0	1	1
	<i>Xenopus epitropicalis</i>	?	1	1
	<i>Xenopus fraseri</i>	?	1	1
	<i>Xenopus laevis</i>	0	1	1
	<i>Xenopus muelleri</i>	?	1	1
	<i>Xenopus tropicalis</i>	1	1	1
Ptychadenidae	<i>Hildebrandtia ornata</i>	1	1	1
	<i>Ptychadena aequiplicata</i>	?	1	1 ^{inf}
	<i>Ptychadena anchietae</i>	1	1	1
	<i>Ptychadena mascareniensis</i>	1	1	1
	<i>Ptychadena oxyrhynchus</i>	1	1	1 ^{inf}
	<i>Ptychadena porosissima</i>	1	1	1 ^{inf}
	<i>Ptychadena taenioscelis</i>	1	1	1 ^{inf}
Pyxicephalidae	<i>Amietia angolensis</i>	1	1	1
	<i>Amietia fuscigula</i>	1	1	1
	<i>Anhydrophryne rattrayi</i>	1	1	1
	<i>Arthroleptella landdrosia</i>	0	1	1
	<i>Cacosternum boettgeri</i>	0	1	1
	<i>Cacosternum capense</i>	0	1	1
	<i>Cacosternum nanum</i>	0	1	1
	<i>Microbatrachella capensis</i>	0	1	1
	<i>Natalobatrachus bonebergi</i>	1	1	1
	<i>Poyntonia paludicola</i>	0	1	1
	<i>Pyxicephalus adspersus</i>	1	1	1
	<i>Pyxicephalus edulis</i>	1	1	1
	<i>Strongylopus fasciatus</i>	1	1	1 ^{inf}
	<i>Strongylopus grayii</i>	1	1	1
	<i>Tomopterna delalandii</i>	0	1	1 ^{inf}
	<i>Tomopterna marmorata</i>	0	1	1
	<i>Tomopterna natalensis</i>	0	1	1 ^{inf}
	<i>Tomopterna tandyi</i>	0	1	1
	<i>Tomopterna tuberculosa</i>	1	1	1 ^{inf}

Ranidae	<i>Abavorana luctuosa</i>	1	1	1 ^{inf}
	<i>Amnirana albolabris</i>	1	1	1
	<i>Amnirana galamensis</i>	1	1	1
	<i>Amolops chunganensis</i>	?	1	1 ^{inf}
	<i>Amolops daorum</i>	1	1	1 ^{inf}
	<i>Amolops granulosis</i>	?	1	1 ^{inf}
	<i>Amolops hainanensis</i>	?	1	1 ^{inf}
	<i>Amolops hongkongensis</i>	?	1	1 ^{inf}
	<i>Amolops jinjiangensis</i>	?	1	1 ^{inf}
	<i>Amolops larutensis</i>	?	1	1 ^{inf}
	<i>Amolops loloensis</i>	?	1	1 ^{inf}
	<i>Amolops mantzorum</i>	?	1	1 ^{inf}
	<i>Amolops ricketti</i>	0	1	1
	<i>Amolops spinaepectoralis</i>	1	1	1 ^{inf}
	<i>Amolops viridimaculatus</i>	0	1	1 ^{inf}
	<i>Babina adenopleura</i>	?	1	1 ^{inf}
	<i>Babina okinavana</i>	?	1	1 ^{inf}
	<i>Babina pleuraden</i>	?	1	1 ^{inf}
	<i>Chalcorana chalconota</i>	1	1	1 ^{inf}
	<i>Chalcorana eschatia</i>	?	1	1 ^{inf}
	<i>Chalcorana megalonesia</i>	?	1	1 ^{inf}
	<i>Chalcorana parvaccola</i>	?	1	1 ^{inf}
	<i>Chalcorana raniceps</i>	?	1	1 ^{inf}
	<i>Clinotarsus alticola</i>	?	1	1 ^{inf}
	<i>Clinotarsus curtipes</i>	?	1	1 ^{inf}
	<i>Glandirana rugosa</i>	?	1	1 ^{inf}
	<i>Glandirana tientaiensis</i>	1	1	1 ^{inf}
	<i>Huia cavitympanum</i>	1	1	1 ^{inf}
	<i>Huia masonii</i>	?	1	1 ^{inf}
	<i>Hydrophylax gracilis</i>	1	1	1
	<i>Hydrophylax malabaricus</i>	1	1	1 ^{inf}
	<i>Hylarana erythrea</i>	1	1	1 ^{inf}
	<i>Hylarana macrodactyla</i>	?	1	1 ^{inf}
	<i>Hylarana taipehensis</i>	1	1	1
	<i>Indosylvirana aurantiaca</i>	1	1	1 ^{inf}
	<i>Indosylvirana milleti</i>	?	1	1 ^{inf}
	<i>Lithobates areolatus</i>	1	1	1 ^{inf}
	<i>Lithobates berlandieri</i>	?	1	1 ^{inf}
	<i>Lithobates blairi</i>	1	1	1 ^{inf}
	<i>Lithobates bwana</i>	1	1	1 ^{inf}
	<i>Lithobates capito</i>	?	1	1 ^{inf}
	<i>Lithobates catesbeianus</i>	1	1	1
	<i>Lithobates chiricahuensis</i>	1	1	1 ^{inf}
	<i>Lithobates clamitans</i>	1	1	1
	<i>Lithobates fisheri</i>	?	1	1 ^{inf}

Ranidae (cont.)	<i>Lithobates forreri</i>	1	1	1 ^{inf}
	<i>Lithobates grylio</i>	1	1	1 ^{inf}
	<i>Lithobates heckscheri</i>	1	1	1 ^{inf}
	<i>Lithobates juliani</i>	1	1	1 ^{inf}
	<i>Lithobates macroglossa</i>	?	1	1 ^{inf}
	<i>Lithobates maculatus</i>	?	1	1 ^{inf}
	<i>Lithobates montezumae</i>	?	1	1 ^{inf}
	<i>Lithobates okaloosae</i>	1	1	1 ^{inf}
	<i>Lithobates onca</i>	1	1	1 ^{inf}
	<i>Lithobates palmipes</i>	1	1	1 ^{inf}
	<i>Lithobates palustris</i>	1	1	1 ^{inf}
	<i>Lithobates pipiens</i>	1	1	1
	<i>Lithobates septentrionalis</i>	1	1	1 ^{inf}
	<i>Lithobates sevosus</i>	1	1	1 ^{inf}
	<i>Lithobates sierramadrensis</i>	?	1	1 ^{inf}
	<i>Lithobates sphenocephalus</i>	1	1	1 ^{inf}
	<i>Lithobates sylvaticus</i>	?	1	1 ^{inf}
	<i>Lithobates tarahumarae</i>	?	1	1 ^{inf}
	<i>Lithobates taylori</i>	1	1	1 ^{inf}
	<i>Lithobates vaillanti</i>	1	1	1 ^{inf}
	<i>Lithobates vibicarius</i>	1	1	1 ^{inf}
	<i>Lithobates virgatipes</i>	1	1	1
	<i>Lithobates warszewitschii</i>	1	1	1
	<i>Lithobates yavapaiensis</i>	1	1	1 ^{inf}
	<i>Meristogenys jerboa</i>	?	1	1 ^{inf}
	<i>Meristogenys kinabaluensis</i>	1	1	1 ^{inf}
	<i>Meristogenys phaeomerus</i>	1	1	1 ^{inf}
	<i>Meristogenys poecilus</i>	?	1	1 ^{inf}
	<i>Meristogenys whiteheadi</i>	?	1	1 ^{inf}
	<i>Odorrana andersonii</i>	?	1	1 ^{inf}
	<i>Odorrana bacboensis</i>	1	1	1 ^{inf}
	<i>Odorrana chloronota</i>	1	1	1
	<i>Odorrana grahami</i>	?	1	1 ^{inf}
	<i>Odorrana hosii</i>	?	1	1 ^{inf}
	<i>Odorrana ishikawae</i>	?	1	1 ^{inf}
	<i>Odorrana jingdongensis</i>	?	1	1 ^{inf}
	<i>Odorrana junlianensis</i>	?	1	1 ^{inf}
	<i>Odorrana khalam</i>	1	1	1 ^{inf}
	<i>Odorrana livida</i>	1	1	1 ^{inf}
	<i>Odorrana margaretae</i>	1	1	1 ^{inf}
	<i>Odorrana morafkai</i>	?	1	1 ^{inf}
	<i>Odorrana narina</i>	?	1	1 ^{inf}
	<i>Odorrana tiannanensis</i>	1	1	1 ^{inf}
	<i>Odorrana tormota</i>	1	1	1
	<i>Odorrana schmackeri</i>	1	1	1 ^{inf}

Ranidae (cont.)	<i>Odorrana swinhoana</i>	1	1	1 ^{inf}
	<i>Papurana arfaki</i>	?	1	1 ^{inf}
	<i>Papurana daemeli</i>	1	1	1 ^{inf}
	<i>Pelophylax cerigensis</i>	1	1	1 ^{inf}
	<i>Pelophylax cretensis</i>	1	1	1 ^{inf}
	<i>Pelophylax epeiroticus</i>	?	1	1 ^{inf}
	<i>Pelophylax esculentus</i>	1	1	1
	<i>Pelophylax fukienensis</i>	1	1	1 ^{inf}
	<i>Pelophylax nigromaculatus</i>	1	1	1 ^{inf}
	<i>Pelophylax plancyi</i>	1	1	1
	<i>Pelophylax ridibundus</i>	1	1	1
	<i>Pelophylax saharicus</i>	1	1	1 ^{inf}
	<i>Pulchrana baramica</i>	?	1	1 ^{inf}
	<i>Pulchrana glandulosa</i>	?	1	1 ^{inf}
	<i>Pulchrana signata</i>	?	1	1 ^{inf}
	<i>Rana arvalis</i>	1	1	1 ^{inf}
	<i>Rana aurora</i>	1	1	1 ^{inf}
	<i>Rana boylii</i>	?	1	1 ^{inf}
	<i>Rana cascadae</i>	1	1	1 ^{inf}
	<i>Rana chaochiaoensis</i>	?	1	1 ^{inf}
	<i>Rana chensinensis</i>	?	1	1 ^{inf}
	<i>Rana dalmatina</i>	?	1	1 ^{inf}
	<i>Rana hanluica</i>	?	1	1 ^{inf}
	<i>Rana iberica</i>	?	1	1 ^{inf}
	<i>Rana japonica</i>	?	1	1 ^{inf}
	<i>Rana johnsi</i>	?	1	1 ^{inf}
	<i>Rana latastei</i>	?	1	1 ^{inf}
	<i>Rana longicrus</i>	1	1	1 ^{inf}
	<i>Rana luteiventris</i>	1	1	1 ^{inf}
	<i>Rana macrocnemis</i>	?	1	1 ^{inf}
	<i>Rana muscosa</i>	?	1	1 ^{inf}
	<i>Rana pirica</i>	1	1	1 ^{inf}
	<i>Rana pretiosa</i>	?	1	1 ^{inf}
	<i>Rana sauteri</i>	1	1	1 ^{inf}
	<i>Rana shuchinae</i>	?	1	1 ^{inf}
	<i>Rana tagoi</i>	?	1	1 ^{inf}
	<i>Rana temporaria</i>	?	1	1 ^{inf}
	<i>Sanguina sanguinea</i>	1	1	1 ^{inf}
	<i>Staurois latopalmaris</i>	?	1	1 ^{inf}
	<i>Staurois natator</i>	1	1	1
	<i>Staurois tuberilinguis</i>	?	1	1 ^{inf}
	<i>Sylvirana guentheri</i>	1	1	1 ^{inf}
	<i>Sylvirana maosonensis</i>	?	1	1 ^{inf}
	<i>Sylvirana nigrovittata</i>	?	1	1 ^{inf}

Ranixalidae	<i>Indirana beddomi</i>	?	1	1 ^{inf}
	<i>Indirana brachytarsus</i>	?	1	1 ^{inf}
	<i>Indirana diplosticta</i>	?	1	1 ^{inf}
	<i>Indirana semipalmata</i>	?	1	1
Rhacophoridae	<i>Buergeria buergeri</i>	?	1	1 ^{inf}
	<i>Buergeria japonica</i>	1	1	1 ^{inf}
	<i>Buergeria robusta</i>	1	1	1 ^{inf}
	<i>Chiromantis doriae</i>	?	1	1 ^{inf}
	<i>Chiromantis petersii</i>	?	1	1
	<i>Chiromantis rufescens</i>	?	1	1
	<i>Chiromantis vittatus</i>	?	1	
	<i>Chiromantis xerampelina</i>	0	1	1
	<i>Feihyla kajau</i>	?	1	1 ^{inf}
	<i>Feihyla palpebralis</i>	?	1	1 ^{inf}
	<i>Ghatixalus variabilis</i>	?	1	1
	<i>Gracixalus gracilipes</i>	?	1	1 ^{inf}
	<i>Gracixalus supercornutus</i>	?	1	1 ^{inf}
	<i>Kurixalus appendiculatus</i>	?	1	1 ^{inf}
	<i>Kurixalus banaensis</i>	?	1	1 ^{inf}
	<i>Kurixalus eiffingeri</i>	1	1	1 ^{inf}
	<i>Kurixalus idiooticus</i>	1	1	1 ^{inf}
	<i>Kurixalus odontotarsus</i>	?	1	1 ^{inf}
	<i>Liuixalus romeri</i>	1	1	1 ^{inf}
	<i>Nyctixalus pictus</i>	1	1	1 ^{inf}
	<i>Philautus acutirostris</i>	0	?	?
	<i>Philautus acutus</i>	0	?	?
	<i>Philautus aurantius</i>	?	1	1 ^{inf}
	<i>Philautus aurifasciatus</i>	?	1	1 ^{inf}
	<i>Philautus bunitus</i>	1	1	1 ^{inf}
	<i>Philautus hosii</i>	?	1	1 ^{inf}
	<i>Philautus petersi</i>	0	1	1 ^{inf}
	<i>Philautus surdus</i>	0	1	1
	<i>Philautus umbra</i>	?	1	1 ^{inf}
	<i>Polypedates colletti</i>	?	1	1 ^{inf}
	<i>Polypedates leucomystax</i>	?	1	1
	<i>Polypedates macrotis</i>	?	1	1 ^{inf}
	<i>Polypedates maculatus</i>	1	1	1
	<i>Polypedates otolophus</i>	?	1	1
	<i>Pseudophilautus alto</i>	?	1	1 ^{inf}
	<i>Pseudophilautus amboli</i>	1	1	1 ^{inf}
	<i>Pseudophilautus cavirostris</i>	?	1	1 ^{inf}
	<i>Pseudophilautus decoris</i>	1	1	1 ^{inf}
	<i>Pseudophilautus femoralis</i>	?	1	1 ^{inf}
	<i>Pseudophilautus folicola</i>	?	1	1 ^{inf}
	<i>Pseudophilautus hoffmanni</i>	1	1	1 ^{inf}

Rhacophoridae (cont.)	<i>Pseudophilautus jayarami</i>	0	1	1 ^{inf}
	<i>Pseudophilautus kani</i>	1	1	1 ^{inf}
	<i>Pseudophilautus leucorhinus</i>	?	1	1 ^{inf}
	<i>Pseudophilautus lunatus</i>	?	1	1 ^{inf}
	<i>Pseudophilautus microtympanum</i>	?	1	1 ^{inf}
	<i>Pseudophilautus mooreorum</i>	0	?	?
	<i>Pseudophilautus ocularis</i>	?	1	1 ^{inf}
	<i>Pseudophilautus papillosus</i>	?	1	1 ^{inf}
	<i>Pseudophilautus pleurotaenia</i>	?	1	1 ^{inf}
	<i>Pseudophilautus popularis</i>	?	1	1 ^{inf}
	<i>Pseudophilautus reticulatus</i>	?	1	1 ^{inf}
	<i>Pseudophilautus sarasinorum</i>	?	1	1 ^{inf}
	<i>Pseudophilautus schmarda</i>	?	1	1 ^{inf}
	<i>Pseudophilautus tanu</i>	1	1	1 ^{inf}
	<i>Pseudophilautus zorro</i>	?	1	1 ^{inf}
	<i>Raorchestes anili</i>	?	1	1 ^{inf}
	<i>Raorchestes beddomii</i>	?	1	1 ^{inf}
	<i>Raorchestes charius</i>	?	1	1 ^{inf}
	<i>Raorchestes chlorosoma</i>	?	1	1 ^{inf}
	<i>Raorchestes chotta</i>	0	?	?
	<i>Raorchestes chromasynchysi</i>	?	1	1 ^{inf}
	<i>Raorchestes coonoorensis</i>	?	1	1 ^{inf}
	<i>Raorchestes dubois</i>	?	1	1 ^{inf}
	<i>Raorchestes glandulosus</i>	0	1	1
	<i>Raorchestes graminirupes</i>	?	1	1 ^{inf}
	<i>Raorchestes griet</i>	?	1	1 ^{inf}
	<i>Raorchestes luteolus</i>	?	1	1 ^{inf}
	<i>Raorchestes marki</i>	?	1	1 ^{inf}
	<i>Raorchestes munnarensis</i>	?	1	1 ^{inf}
	<i>Raorchestes nerostagona</i>	?	1	1 ^{inf}
	<i>Raorchestes ponmudi</i>	?	1	1 ^{inf}
	<i>Raorchestes sushili</i>	?	1	1 ^{inf}
	<i>Raorchestes tinniens</i>	?	1	1 ^{inf}
	<i>Raorchestes tuberothumerus</i>	?	1	1 ^{inf}
	<i>Rhacophorus annamensis</i>	?	1	1 ^{inf}
	<i>Rhacophorus angulirostris</i>	1	1	1 ^{inf}
	<i>Rhacophorus calcaneus</i>	?	1	1 ^{inf}
	<i>Rhacophorus chenfui</i>	0	1	1 ^{inf}
	<i>Rhacophorus dennysi</i>	?	1	1
	<i>Rhacophorus dugritei</i>	0	1	1 ^{inf}
	<i>Rhacophorus dulitensis</i>	?	1	1 ^{inf}
	<i>Rhacophorus fasciatus</i>	?	1	1 ^{inf}
	<i>Rhacophorus gauni</i>	?	1	1 ^{inf}
	<i>Rhacophorus harrisoni</i>	1	1	1 ^{inf}

Rhacophoridae (cont.)	<i>Rhacophorus maximus</i>	?	1	1 ^{inf}
	<i>Rhacophorus minimus</i>	1	1	1 ^{inf}
	<i>Rhacophorus nigropalmatus</i>	1	1	1
	<i>Rhacophorus omeimontis</i>	1	1	1 ^{inf}
	<i>Rhacophorus orlovi</i>	1	1	1 ^{inf}
	<i>Rhacophorus pardalis</i>	1	1	1 ^{inf}
	<i>Rhacophorus reindwartii</i>	1	1	1 ^{inf}
	<i>Rhacophorus rhodopus</i>	0	1	1 ^{inf}
	<i>Rhacophorus rufipes</i>	1	1	1 ^{inf}
	<i>Rhacophorus schlegelii</i>	?	1	1
	<i>Taruga eques</i>	?	1	1
	<i>Taruga fastigo</i>	?	1	1 ^{inf}
	<i>Taruga longinasus</i>	?	1	1 ^{inf}
	<i>Theloderma asperum</i>	1	1	1 ^{inf}
	<i>Theloderma corticale</i>	?	1	1 ^{inf}
	<i>Theloderma moloch</i>	?	1	1 ^{inf}
	<i>Theloderma stellatum</i>	?	1	1 ^{inf}
Rhinodermatidae	<i>Insuetophrynus acarpicus</i>	1	1	1
	<i>Rhinoderma darwini</i>	1	1	1
Rhinophrynidae	<i>Rhinophrynus dorsalis</i>	0	0	0
Scaphiopodidae	<i>Scaphiopus couchii</i>	0	1	1
	<i>Scaphiopus holbrookii</i>	1	1	1
	<i>Scaphiopus hurteri</i>	1	1	1
	<i>Spea bombifrons</i>	0	1	1
	<i>Spea hammondi</i>	0	1	1
	<i>Spea intermontana</i>	?	1	1
	<i>Spea multiplicata</i>	?	?	1
Sooglossidae	<i>Sechelophryne gardineri</i>	0	0	0
	<i>Sooglossus sechellensis</i>	0	0	0
	<i>Sooglossus thomasseti</i>	0	0	0
Telmatobiidae	<i>Telmatobius bolivianus</i>	0	0	1
	<i>Telmatobius culeus</i>	0	0&1	1
	<i>Telmatobius gigas</i>	0	?	?
	<i>Telmatobius hintoni</i>	0	0&1	1
	<i>Telmatobius huayra</i>	0	0	0
	<i>Telmatobius marmoratus</i>	0	0	0&1*
	<i>Telmatobius niger</i>	0	0&1	0&1
	<i>Telmatobius sibiricus</i>	0	1	1
	<i>Telmatobius simonsi</i>	0	1	1
	<i>Telmatobius truebae</i>	0	1	1
	<i>Telmatobius vellardi</i>	0	0	1
	<i>Telmatobius verrucosus</i>	0	1	1
	<i>Telmatobius vilamensis</i>	0	0	0
	<i>Telmatobius yuracare</i>	0	0	1*
	<i>Telmatobius zapahuirensis</i>	0	1	1 ^{inf}

Anura not included in Pyron (2014)				
Family	Species	Tympanic membrane	Tympanic annulus	Columella
Alsodidae	<i>Eupsophus altor</i>	?	?	1
Arthroleptidae	<i>Letodactylodon ventrimarmoratus</i>	0	1	1
	<i>Leptopelis mossambicus</i>	1	1	1
	<i>Cardioglossa escalaerae</i>	1	1	1
Batrachylidae	<i>Atelognathus nitoi</i>	0 ^{inf}	0 ^{inf}	0
	<i>Atelognathus praebasalticus</i>	0 ^{inf}	0 ^{inf}	0
	<i>Atelognathus reverberii</i>	0 ^{inf}	0 ^{inf}	0
	<i>Atelognathus solitarius</i>	0 ^{inf}	0 ^{inf}	0
	<i>Chaltenobatrachus grandisonae</i>	0	0	0
Brachycephalidae	<i>Ischnocnema nigriventris</i>	?	?	1
Callyptocephalellidae	<i>Telmatobufo australis</i>	0	0	0
Ceratobatrachidae	<i>Alcalus mariae</i>	?	1	1
	<i>Cornufer bufoniformis</i>	0	1	1
Ceratophryidae	<i>Ceratophrys aurita</i>	1	1	1
	<i>Ceratophrys calcarata</i>	1	1	1
	<i>Ceratophrys cranwelli</i>	1	1	1
Craugastoridae	<i>Bryophryne abramalagae</i>	0	0	?
	<i>Bryophryne bakersfield</i>	0	0	?
	<i>Bryophryne bustamantei</i>	0	0	?
	<i>Bryophryne flammiventris</i>	1	1	1 ^{inf}
	<i>Bryophryne gymnotis</i>	1	1	1 ^{inf}
	<i>Bryophryne hanssaueri</i>	0	0	?
	<i>Bryophryne nubilosus</i>	0	0	?
	<i>Bryophryne zonalis</i>	0	0	?
	<i>Euparkerella cochranae</i>	0 ^{inf}	0 ^{inf}	0
	<i>Euparkerella cryptica</i>	0 ^{inf}	0 ^{inf}	0
	<i>Euparkerella robusta</i>	0 ^{inf}	0 ^{inf}	0
	<i>Euparkerella tridactyla</i>	0 ^{inf}	0 ^{inf}	0
	<i>Hypodactylus nigrovittatus</i>	?	?	1
	<i>Cycloramphus asper</i>	0	1	1
Cycloramphidae	<i>Cycloramphus dubius</i>	?	?	1
	<i>Cycloramphus granulosus</i>	?	1	1
	<i>Cycloramphus ohausi</i>	0	1	1
	<i>Cycloramphus stejnegeri</i>	0	1	1
	<i>Thoropa lutzi</i>	?	?	1
	<i>Thoropa petropolitana</i>	?	?	1
	<i>Eleutherodactylus albolabris</i>	?	?	1
Eleutherodactylidae	<i>Eleutherodactylus grandis</i>	?	?	1
	<i>Eleutherodactylus guttillatus</i>	?	?	1
	<i>Eleutherodactylus karlschmidtii</i>	?	?	1
	<i>Eleutherodactylus leprus</i>	?	?	1

Eleutherodactylidae (cont.)	<i>Eleutherodactylus pallidus</i>	?	?	1
	<i>Eleutherodactylus rubrimaculatus</i>	?	?	1
	<i>Phrynopus montium</i>	0 ^{inf}	0 ^{inf}	0
	<i>Pristimantis festae</i>	?	?	1
	<i>Pristimantis ornatissimus</i>	?	?	1
	<i>Pristimantis variabilis</i>	?	?	1
Hemiphractidae	<i>Cryptobatrachus conditus</i>	?	?	1
	<i>Cryptobatrachus fuhrmanni</i>	?	1	1
	<i>Fritziana fissilis</i>	?	1	1
	<i>Fritziana goeldii</i>	?	1	1
	<i>Fritziana ohausi</i>	?	1	1
	<i>Fritziana ulei</i>	?	1	1
Hylidae	<i>Duellmanohyla uranochroa</i>	?	1	1
	<i>Hyla hallowellii</i>	?	1	1
	<i>Hyloscirtus bogotensis</i>	1	1	1 ^{inf}
Hylodidae	<i>Crossodactylus dispar</i>	1	1	1
	<i>Crossodactylus grandis</i>	?	1	1
	<i>Crossodactylus gaudichaudii</i>	?	1	1
	<i>Hylodes asper</i>	?	?	1
	<i>Hylodes dactylocinus</i>	1	1	1 ^{inf}
	<i>Hylodes glaber</i>	?	?	1
	<i>Hylodes lateristrigatus</i>	?	?	1
	<i>Hylodes magalhaesi</i>	?	1	1
	<i>Hylodes nasus</i>	?	1	1
	<i>Hylodes perplicatus</i>	?	1	1 ^{inf}
	<i>Hylodes phyllodes</i>	1	1	1 ^{inf}
Hyperoliidae	<i>Callixalus pictus</i>	?	1	1
	<i>Hyperolius horstockii</i>	0	?	?
	<i>Kassinula wittei</i>	?	1	1
Leptodactylidae	<i>Crossodactylodes bokermanni</i>	0	0 ^{inf}	0
	<i>Crossodactylodes izecksohni</i>	0	0 ^{inf}	0
	<i>Crossodactylodes pintoii</i>	0	0 ^{inf}	0
	<i>Crossodactylodes septentrionalis</i>	0	0 ^{inf}	0
	<i>Hydrolaetare schmidtii</i>	1	1	1
	<i>Leptodactylus latinasus</i>	1	1	1
	<i>Leptodactylus macrosternum</i>	?	?	1
	<i>Leptodactylus poecilochilus</i>	?	1	1
	<i>Leptodactylus pustulatus</i>	?	?	1
	<i>Paratelmatobius lutzii</i>	0	0 ^{inf}	0
	<i>Paratelmatobius mantiqueira</i>	?	1	1 ^{inf}
	<i>Paratelmatobius yepiranga</i>	1	1	1 ^{inf}
	<i>Physalaemus ephippifer</i>	1	1	1
	<i>Physalaemus maculiventris</i>	?	?	1

Leptodactylidae (cont.)	<i>Physalaemus nanus</i>	?	?	1
	<i>Pseudopaludicola boliviana</i>	0	0	1
	<i>Pseudopaludicola saltica</i>	0	0	1
	<i>Pseudopaludicola pusilla</i>	?	?	1
	<i>Rupirana cardosoi</i>	?	?	1
Limnodynastidae	<i>Heleioporus albopunctatus</i>	?	?	1
	<i>Heleioporus eyrei</i>	?	?	1
	<i>Notaden nichollsi</i>	0	1	1
	<i>Philoria frosti</i>	?	?	1
Mantellidae	<i>Boophis rhodoscelis</i>	?	?	1
	<i>Tsingymantis antitra</i>	1	1	1 ^{inf}
Megophryidae	<i>Leptobranchella mjobergi</i>	1	1	1 ^{inf}
Microhylidae	<i>Adelastes hylonomus</i>	?	1	1
	<i>Arcovomer passarelii</i>	0	0	0
	<i>Callulops glandulosus</i>	1	1	1 ^{inf}
	<i>Chiasmocleis avilapiresae</i>	0	1	1
	<i>Chiasmocleis capixaba</i>	0	1	1
	<i>Chiasmocleis carvalhoi</i>	0	1	1
	<i>Chiasmocleis leucosticta</i>	0	1	1
	<i>Chiasmocleis schubarti</i>	0	1	1
	<i>Cophixalus saxatilis</i>	?	?	1
	<i>Ctenophryne aterrima</i>	0	1	1
	<i>Myersiella microps</i>	0	1	1
	<i>Otophryne pyburni</i>	?	?	1
	<i>Otophryne steyermarki</i>	1	1	1 ^{inf}
	<i>Oxydactyla coggeri</i>	?	?	1
	<i>Stereocyclops histrio</i>	0	1	1
	<i>Stereocyclops incrassatus</i>	0	1	1
	<i>Stereocyclops parkeri</i>	0	1	1
	<i>Uperodon marmorata</i>	?	1	1
Myobatrachidae	<i>Arenophryne rotunda</i>	0 ^{inf}	0 ^{inf}	0
	<i>Crinia bilinea</i>	?	?	1
	<i>Crinia georgiana</i>	?	1	1
	<i>Crinia glauerti</i>	?	?	1
	<i>Crinia insignifera</i>	?	?	1
	<i>Crinia tasmaniensis</i>	?	?	1
	<i>Crinia subinsignifera</i>	?	?	1
	<i>Pseudophryne australis</i>	0 ^{inf}	0 ^{inf}	0
	<i>Pseudophryne corroborae</i>	0 ^{inf}	0 ^{inf}	0
	<i>Pseudophryne dendyi</i>	0 ^{inf}	0 ^{inf}	0
	<i>Pseudophryne douglasi</i>	0 ^{inf}	0 ^{inf}	0
	<i>Pseudophryne guentheri</i>	0 ^{inf}	0 ^{inf}	0
	<i>Pseudophryne major</i>	0 ^{inf}	0 ^{inf}	0
	<i>Pseudophryne occidentalis</i>	0 ^{inf}	0 ^{inf}	0
	<i>Pseudophryne semimarmorata</i>	0	0	0
	<i>Taudactylus diurnus</i>	0	1	1

Odontobatrachidae	<i>Odontobatrachus natator</i>	0	1	1
Phrynobatrachidae	<i>Phrynobatrachus plicatus</i>	1	1	1
Pyxicephalidae	<i>Anhydrophryne hewitti</i>	1	1	1
	<i>Arthroleptella lightfooti</i>	1	1	1
	<i>Ericabatrachus baleensis</i>	?	1	1
	<i>Nothophryne broadleyi</i>	0	1	1
Ranidae	<i>Hydrophylax gracilis</i>	1	1	1 ^{inf}
	<i>Indosylvirana temporalis</i>	1	1	1 ^{inf}
	<i>Indosylvirana flavescens</i>	?	1	1
Ranixalidae	<i>Indirana temporalis</i>	?	1	1 ^{inf}
Rhacophoridae	<i>Pseudophilautus silus</i>	1	1 ^{inf}	1
	<i>Theloderma pictum</i>	?	?	1
Telmatobiidae	<i>Telmatobius brachydactylus</i>	?	?	1
	<i>Telmatobius laticeps</i>	?	?	1
	<i>Telmatobius macrostomus</i>	?	?	1
Incertae sedis (Brachycephaloidea)	<i>Atopophrynus syntomopus</i>	0 ^{inf}	0 ^{inf}	0
	<i>Geobatrachus walkeri</i>	0	1	1

1.4—Sources for each character scored by species. Abbreviations: BLB, Boris L. Blotto; DB, Diego Baldo; JJOS, Jhon Jairo Ospina-Sarria; JF, Julián Faivovich; KAV, Katyuscia Araujo-Vieira; MOP, Martín O. Pereyra; MT, Mariane Targino; MCW, Molly C. Womack; JSB, J. Sebastián Barrionuevo; TG, Taran Grant.

Bufonidae included in Pyron (2014)			
Species	Tympanic membrane	Tympanic annulus	Columella
<i>Adenomus kelaartii</i>	Günther, 1858; Boulenger, 1882, 1890; Manamendra-Arachchi & Pethiyagoda, 1998	Günther, 1858; Boulenger, 1882, 1890; Manamendra-Arachchi & Pethiyagoda, 1998; Meegaskumbura <i>et al.</i> , 2015	Meegaskumbura <i>et al.</i> , 2015
<i>Amazophrynella minuta</i>	MOP pers. obs.; Melin, 1941; McDiarmid, 1971	McDiarmid, 1971	McDiarmid, 1971
<i>Anaxyrus americanus</i>	Cope, 1889; Wright & Wright, 1949	Wright & Wright, 1949; Pramuk, 2006	Mendelson, 1997c, Pramuk, 2006
<i>Anaxyrus baxteri</i>	Smith <i>et al.</i> , 1998	Smith <i>et al.</i> , 1998	----
<i>Anaxyrus boreas</i>	Boulenger, 1882; Cope, 1889; Wright & Wright, 1949	Wright & Wright, 1949; Pramuk, 2006	Gaudin, 1978; Pramuk, 2006; Mendelson <i>et al.</i> , 2011
<i>Anaxyrus californicus</i>	Wright & Wright, 1949	Camp, 1915; Wright & Wright, 1949	----
<i>Anaxyrus canorus</i>	Wright & Wright, 1949	Camp, 1916; Wright & Wright, 1949	MCW pers. obs.
<i>Anaxyrus cognatus</i>	Cope, 1889; Wright & Wright, 1949	Wright & Wright, 1949; Pramuk, 2006	MCW pers. obs.
<i>Anaxyrus debilis</i>	Girard, 1854; Boulenger, 1882; Cope, 1889; Wright & Wright, 1949	Wright & Wright, 1949; Pramuk, 2006	Baldauf, 1959
<i>Anaxyrus exsul</i>	Wright & Wright, 1949	Wright & Wright, 1949	----
<i>Anaxyrus fowleri</i>	Cope, 1889; Wright & Wright, 1949	Wright & Wright, 1949; Pramuk, 2006	----
<i>Anaxyrus hemiophrys</i>	Cope, 1889	Cope, 1887; Wright & Wright, 1949	----
<i>Anaxyrus houstonensis</i>	Sanders, 1953	Sanders, 1953	MCW pers. obs.; Sanders, 1953
<i>Anaxyrus microscaphus</i>	Cope, 1867	Cope, 1867	MCW pers. obs.; Baldauf, 1959

<i>Anaxyrus nelsoni</i>	Wright & Wright, 1949	Wright & Wright, 1949	----
<i>Anaxyrus punctatus</i>	Cope, 1889; Wright & Wright, 1949	Cope, 1889; Wright & Wright, 1949	Baldauf, 1959; Pramuk, 2006
<i>Anaxyrus quercicus</i>	Cope, 1889; Wright & Wright, 1949	Pramuk, 2006	Baldauf, 1959; Pramuk, 2006
<i>Anaxyrus retiformis</i>	----	Barrera & Rodríguez, 2004	----
<i>Anaxyrus speciosus</i>	Girard, 1854	Girard, 1854	----
<i>Anaxyrus terrestris</i>	Cope, 1889; Wright & Wright, 1949	Pramuk, 2006	Baldauf, 1959; Pramuk, 2006
<i>Anaxyrus woodhousii</i>	Cope, 1867; Girard, 1854; Wright & Wright, 1949; Baldauf, 1955	Baldauf, 1955; Wright & Wright, 1949; Pramuk, 2006	Baldauf, 1955; Pramuk, 2006
<i>Ansonia albomaculata</i>	Inger, 1960, 1966	Inger, 1960	----
<i>Ansonia endauensis</i>	Grismer, 2006	Grismer, 2006	----
<i>Ansonia fuliginea</i>	van Kampen, 1923; Inger, 1966	van Kampen, 1923	----
<i>Ansonia guibei</i>	Inger, 1966	Inger, 1966	----
<i>Ansonia hanitschi</i>	Inger, 1960, 1966 Grismer, 2006	Inger, 1960; Grismer, 2006	----
<i>Ansonia inthanon</i>	Matsui <i>et al.</i> , 1998	Matsui <i>et al.</i> , 1998	----
<i>Ansonia kraensis</i>	Matsui <i>et al.</i> , 1998; Grismer, 2006	Matsui <i>et al.</i> , 1998; Grismer, 2006	----
<i>Ansonia latirostra</i>	Grismer, 2006	Grismer, 2006	----
<i>Ansonia leptopus</i>	Boulenger, 1882; van Kampen, 1923; Inger, 1960, 1966; Grismer, 2006	van Kampen, 1923; Inger, 1960; Grismer, 2006	----
<i>Ansonia longidigita</i>	Inger, 1960, 1966; Grismer, 2006	Inger, 1960; Grismer, 2006	----
<i>Ansonia malayana</i>	Inger, 1960, 1966; Grismer, 2006	Inger, 1960; Grismer, 2006	----
<i>Ansonia mcgregori</i>	Inger, 1960; Grismer, 2006	Inger, 1960; Grismer, 2006	----
<i>Ansonia minuta</i>	Inger, 1960, 1966; Grismer, 2006	Inger, 1960; Grismer, 2006	Tihen, 1960
<i>Ansonia muelleri</i>	Inger, 1960; Grismer, 2006	Inger, 1960; Grismer, 2006	MCW pers. obs.; Tihen, 1960
<i>Ansonia penangensis</i>	Boulenger, 1882; van Kampen, 1923; Inger, 1960, 1966; Taylor, 1962; Quah <i>et al.</i> , 2011; Grismer, 2006	Boulenger, 1882; van Kampen, 1923; Inger, 1960, 1966; Taylor, 1962; Quah <i>et al.</i> , 2011; Grismer, 2006	----
<i>Ansonia platysoma</i>	Inger, 1960, 1966	Inger, 1960	----

<i>Ansonia siamensis</i>	Matsui <i>et al.</i> , 1998; Grismer, 2006	Grismer, 2006	----
<i>Ansonia spinulifer</i>	van Kampen, 1923	van Kampen, 1923	----
<i>Atelopus bomolochos</i>	Peters, 1973; Coloma, 1997	Coloma, 1997	Coloma, 1997; Lötters <i>et al.</i> , 2011
<i>Atelopus chiriquiensis</i>	Jaslow & Lombard, 1996; McDiarmid, 1971	Jaslow & Lombard, 1996; McDiarmid, 1971	MCW pers. obs.; McDiarmid, 1971; Jaslow & Lombard, 1996; Lindquist & Hetherington, 1996
<i>Atelopus flavescens</i>	McDiarmid, 1971; Lescure & Marty, 2000	McDiarmid, 1971, 1973; Coloma, 1997	MCW pers. obs.; McDiarmid, 1971, 1973; Coloma, 1997
<i>Atelopus franciscus</i>	Lescure & Marty, 2000; Boistel <i>et al.</i> , 2011	Coloma, 1997 present; Boistel <i>et al.</i> , 2011 absent	MCW pers. obs.; Coloma, 1997; Boistel <i>et al.</i> , 2011
<i>Atelopus halihelos</i>	Peters, 1973	----	----
<i>Atelopus ignescens</i>	McDiarmid, 1971; Peters, 1973; Coloma <i>et al.</i> , 2000	McDiarmid, 1971; Coloma <i>et al.</i> , 2000	MCW pers. obs.; McDiarmid, 1971; Coloma <i>et al.</i> , 2000
<i>Atelopus longirostris</i>	Cochran & Goin, 1970	McDiarmid, 1971	MCW pers. obs.; McDiarmid, 1971
<i>Atelopus nanay</i>	Coloma, 2002	Coloma, 2002	Coloma, 2002
<i>Atelopus oxapampae</i>	Lehr <i>et al.</i> , 2008	Lehr <i>et al.</i> , 2008	Lötters <i>et al.</i> , 2011
<i>Atelopus peruensis</i>	Gray & Cannatella, 1985	Gray & Cannatella, 1985	Gray & Cannatella, 1985; Lötters <i>et al.</i> , 2011
<i>Atelopus pulcher</i>	Peters, 1973; Lötters <i>et al.</i> , 2002b	de la Riva <i>et al.</i> , 2011	MCW pers. obs.; de la Riva <i>et al.</i> , 2011; Lötters <i>et al.</i> , 2011
<i>Atelopus seminiiferus</i>	Boulenger, 1882	Lötters <i>et al.</i> , 2011	Lötters <i>et al.</i> , 2011
<i>Atelopus senex</i>	McDiarmid, 1971	McDiarmid, 1971	McDiarmid, 1971
<i>Atelopus spumarius</i>	Cochran & Goin, 1970; McDiarmid, 1971	McDiarmid, 1971; Coloma, 1997	McDiarmid, 1971; Lindquist & Hetherington, 1996; Coloma, 1997
<i>Atelopus spurrelli</i>	McDiarmid, 1971	McDiarmid, 1971	McDiarmid, 1971
<i>Atelopus tricolor</i>	Lötters & de la Riva, 1998	----	Lötters <i>et al.</i> , 2011
<i>Atelopus varius</i>	Parker, 1881; Lötters <i>et al.</i> , 1998; Nussbaum & Wu, 2007	MOP pers. obs.; Parker, 1881; Nussbaum & Wu, 2007	MOP & MCW pers. obs.; Parker, 1881; Laurent, 1942; McDiarmid, 1971; Nussbaum & Wu, 2007
<i>Atelopus zeteki</i>	McDiarmid, 1971	McDiarmid, 1971	MCW pers. obs.; McDiarmid, 1971
<i>Barbarophryne brongersmai</i>	Hoogmoed, 1972	Hoogmoed, 1972	----
<i>Bufo aspinus</i>	Yang <i>et al.</i> , 1996	----	Yang <i>et al.</i> , 1996

<i>Bufo bankorensis</i>	Nussbaum & Wu, 2007	----	MCW pers. obs.; Nussbaum & Wu, 2007
<i>Bufo bufo</i>	Boulenger, 1882, 1897	Boulenger, 1897; Ecke, 1934	Boulenger, 1897; Ecke, 1934; Vorobieva & Smirnov, 1987
<i>Bufo cryptotympanicus</i>	Kou, 1984	----	----
<i>Bufo eichwaldi</i>	Litvinchuck <i>et al.</i> , 2008	Litvinchuck <i>et al.</i> , 2008	----
<i>Bufo gargarizans</i>	Liu, 1950	Liu, 1950	----
<i>Bufo japonicus</i>	Matsui, 1984	Yamazaki <i>et al.</i> , 2008	MCW pers. obs.;
<i>Bufo stejnegeri</i>	Matsui, 1980	Matsui, 1980	----
<i>Bufo torrenticola</i>	Matsui, 1976	Yamazaki <i>et al.</i> , 2008	----
<i>Bufo tuberculatus</i>	Milto & Barabanov, 2011	Milto & Barabanov, 2011	----
<i>Bufo tuberospinus</i>	Yang <i>et al.</i> , 1996	----	Yang <i>et al.</i> , 1996
<i>Bufo verrucosissimus</i>	Litvinchuck <i>et al.</i> , 2008	Litvinchuck <i>et al.</i> , 2008	----
<i>Bufotes balearicus</i>	----	Boettger, 1880	----
<i>Bufotes oblongus</i>	Stock <i>et al.</i> , 2001	Stock <i>et al.</i> , 2001	----
<i>Bufotes pewzowi</i>	Stock <i>et al.</i> , 2001	Stock <i>et al.</i> , 2001	----
<i>Bufotes siculus</i>	Stock <i>et al.</i> , 2008	Stock <i>et al.</i> , 2008	----
<i>Bufotes variabilis</i>	Andren & Nilson, 1979	Andren & Nilson, 1979	----
<i>Bufotes viridis</i>	Boulenger, 1882, 1890, 1897; Pramuk, 2006	Boulenger, 1882, 1890, 1897; Pramuk, 2006	Boulenger, 1897; Pramuk, 2006; Vorobieva & Smirnov, 1987
<i>Capensibufo rosei</i>	Hewitt, 1926a; du Preez & Carruthers, 2009; Tolley <i>et al.</i> , 2010	Tolley <i>et al.</i> , 2010	MCW pers. obs.; Grandison, 1980; Grandison, 1981; Tolley <i>et al.</i> , 2010
<i>Capensibufo tradouwi</i>	du Preez & Carruthers, 2009; Grandison, 1980; Hewitt, 1926b	du Preez & Carruthers, 2009; Hewitt, 1926b	Grandison, 1980, 1981
<i>Churamiti maridadi</i>	Channing & Stanley, 2002	Channing & Stanley, 2002	Channing & Stanley, 2002
<i>Dendrophryniscus berthalutzae</i>	Izecksohn, 1993b	----	----
<i>Dendrophryniscus brevipollicatus</i>	MOP pers. obs.; Cochran, 1955; Izecksohn, 1968; McDiarmid, 1971; Nussbaum & Wu, 2007	McDiarmid, 1971	MCW pers. obs.; McDiarmid, 1971; Nussbaum & Wu, 2007
<i>Dendrophryniscus carvalhoi</i>	Izecksohn, 1993b	----	----

<i>Dendrophryniscus krausae</i>	Cruz & Fusinato, 2008	----	----
<i>Dendrophryniscus leucomystax</i>	Izecksohn, 1968	MOP pers. obs.	MOP pers. obs.
<i>Dendrophryniscus proboscideus</i>	Izecksohn, 1976	Izecksohn, 1976	----
<i>Didynamipus sjostedti</i>	Andersson, 1903	Grandison, 1981	MCW pers. obs.; Grandison, 1978, 1981
<i>Duttaphrynus atukoralei</i>	----	Bogert & Senanayake, 1966; Manamendra-Arachchi & Pethiyagoda, 1998	----
<i>Duttaphrynus brevirostris</i>	----	Rao, 1937	----
<i>Duttaphrynus crocus</i>	Wogan <i>et al.</i> , 2003; Das <i>et al.</i> , 2013	Wogan <i>et al.</i> , 2003	----
<i>Duttaphrynus himalayanus</i>	Boulenger, 1882, 1890; Das <i>et al.</i> , 2013	Boulenger, 1882, 1890; Das <i>et al.</i> , 2013	----
<i>Duttaphrynus hololius</i>	Günther, 1875; Boulenger, 1882, 1890	Günther, 1875	----
<i>Duttaphrynus melanostictus</i>	Boulenger, 1882, 1890; van Kampen, 1923; Taylor, 1962; Inger, 1966; Manamendra-Arachchi & Pethiyagoda, 1998	Parker, 1881; Taylor, 1962; Pramuk, 2006; Das <i>et al.</i> , 2013	Parker, 1881; Ramaswami, 1936; Vorobieva & Smirnov, 1987; Mendelson, 1997c; Pramuk, 2006
<i>Duttaphrynus parietalis</i>	Boulenger, 1882, 1890	Ramaswami, 1936	Ramaswami, 1936
<i>Duttaphrynus scaber</i>	Das <i>et al.</i> , 2013	Das <i>et al.</i> , 2013	MCW pers. obs.
<i>Duttaphrynus stomaticus</i>	Boulenger, 1890; Das <i>et al.</i> , 2013	Boulenger, 1890; Das <i>et al.</i> , 2013	MCW pers. obs.
<i>Duttaphrynus stuarti</i>	Wogan <i>et al.</i> , 2003; Das <i>et al.</i> , 2013	Das <i>et al.</i> , 2013	----
<i>Epidalea calamita</i>	MOP pers. obs.; Boulenger, 1882, 1897	MOP pers. obs.; Boulenger, 1882, 1897	MCW pers. obs.; Parker, 1881; Boulenger, 1897; Mendelson, 1997c
<i>Ghatophryne ornata</i>	Günther, 1875; Boulenger, 1882; Inger, 1960; Biju <i>et al.</i> , 2009	Inger, 1960; Biju <i>et al.</i> , 2009	----
<i>Incilius alvarius</i>	Cope, 1889; Wright & Wright, 1949	Cope, 1889; Wright & Wright, 1949; Pramuk, 2006	Pramuk, 2006; Mendelson <i>et al.</i> , 2011
<i>Incilius aucoinae</i>	O'Neill & Mendelson, 2004	O'Neill & Mendelson, 2004	Mendelson <i>et al.</i> , 2011
<i>Incilius bocourti</i>	Brocchi, 1877; Boulenger, 1882	----	Mendelson <i>et al.</i> , 2011
<i>Incilius campbelli</i>	Mendelson, 1994	Mendelson, 1994	MCW pers. obs.; Mendelson <i>et al.</i> , 2011

<i>Incilius canaliferus</i>	Boulenger, 1882	Boulenger, 1882	MCW pers. obs.; Mendelson <i>et al.</i> , 2011
<i>Incilius cavifrons</i>	Firschein, 1950	Firschein, 1950	Mendelson <i>et al.</i> , 2011
<i>Incilius chompipe</i>	Vaughan & Mendelson, 2007	----	----
<i>Incilius coccifer</i>	Taylor, 1951; Savage, 2002; Mendelson <i>et al.</i> , 2005	Savage, 2002; Pramuk, 2006	Pramuk, 2006; Mendelson <i>et al.</i> , 2011
<i>Incilius coniferus</i>	Boulenger, 1882; Taylor, 1951; Cochran & Goin, 1970	Pramuk, 2006	MCW pers. obs.; Pramuk, 2006; Mendelson <i>et al.</i> , 2011
<i>Incilius cristatus</i>	Boulenger, 1882; Firschein, 1950; Mendelson, 1997a	Boulenger, 1882; Firschein, 1950; Mendelson, 1997a	Mendelson <i>et al.</i> , 2011
<i>Incilius cycladen</i>	Lynch & Smith, 1966; Mendelson <i>et al.</i> , 2005	----	----
<i>Incilius fastidiosus</i>	Boulenger, 1882; Savage, 1972	Savage, 1972	Mendelson <i>et al.</i> , 2011; Savage, 1972
<i>Incilius ibarraii</i>	Mendelson, 2001; Mendelson <i>et al.</i> , 2005	Mendelson, 2001; Mendelson <i>et al.</i> , 2005	MCW pers. obs.; Mendelson <i>et al.</i> , 2011
<i>Incilius leucomyos</i>	McCranie & Wilson, 2000	McCranie & Wilson, 2000	Mendelson <i>et al.</i> , 2011
<i>Incilius luetkenii</i>	Taylor, 1951	Pramuk, 2006	Pramuk, 2006; Mendelson <i>et al.</i> , 2011
<i>Incilius macrocristatus</i>	Mendelson, 1997a, b	Mendelson, 1997a, b	Mendelson, 1997a, b
<i>Incilius marmoreus</i>	Taylor, 1943	Taylor, 1943	Mendelson <i>et al.</i> , 2011
<i>Incilius mazatlanensis</i>	Taylor, 1943	Taylor, 1943	MCW pers. obs.; Mendelson <i>et al.</i> , 2011
<i>Incilius melanochlorus</i>	Boulenger, 1882; Taylor, 1951; Gredin, 1972	Boulenger, 1882; Taylor, 1951; Gredin, 1972	Mendelson <i>et al.</i> , 2011
<i>Incilius nebulifer</i>	----	----	Mendelson <i>et al.</i> , 2011
<i>Incilius occidentalis</i>	Santos-Barrera, 2014	Santos-Barrera, 2014	MCW pers. obs.; Mendelson <i>et al.</i> , 2011
<i>Incilius perplexus</i>	Taylor, 1943	----	Mendelson, 1997c; Mendelson <i>et al.</i> , 2011
<i>Incilius pisinnus</i>	Mendelson <i>et al.</i> , 2005	Mendelson <i>et al.</i> , 2005	----
<i>Incilius porteri</i>	Mendelson <i>et al.</i> , 2005	----	----
<i>Incilius signifer</i>	Mendelson <i>et al.</i> , 2005	Mendelson <i>et al.</i> , 2005	----

<i>Incilius spiculatus</i>	Mendelson, 1997a	Mendelson, 1997a	Mendelson <i>et al.</i> , 2011
<i>Incilius tacanensis</i>	Mendelson, 1997b	----	----
<i>Incilius tutelarius</i>	Mendelson, 1997b	Mendelson, 1997b	Mendelson <i>et al.</i> , 2011
<i>Incilius valliceps</i>	Boulenger, 1882; Cope, 1889; Taylor, 1936; Wright & Wright, 1949; Firschein, 1950; Mendelson, 1997b	Wright & Wright, 1949; Mendelson, 1997b; Pramuk, 2006	Baldauf, 1959; Pramuk, 2006; Mendelson <i>et al.</i> , 2011
<i>Ingerophrynus biporcatus</i>	Boulenger, 1882, 1890; van Kampen, 1923; Inger, 1966	Boulenger, 1890; van Kampen, 1923; Inger, 1966	----
<i>Ingerophrynus celebensis</i>	Boulenger, 1882; van Kampen, 1923	van Kampen, 1923	MCW pers. obs.
<i>Ingerophrynus divergens</i>	Boulenger, 1882; Inger, 1966	Inger, 1966	----
<i>Ingerophrynus galeatus</i>	Boulenger, 1882; Inger <i>et al.</i> , 1999	Inger <i>et al.</i> , 1999	----
<i>Ingerophrynus macrotis</i>	Boulenger, 1890; van Kampen, 1923; Taylor, 1962; Inger, 1966; Inger <i>et al.</i> , 1999; Das <i>et al.</i> , 2013	Boulenger, 1890; van Kampen, 1923; Taylor, 1962; Inger, 1966; Inger <i>et al.</i> , 1999; Das <i>et al.</i> , 2013	Pramuk, 2006
<i>Ingerophrynus philippinicus</i>	van Kampen, 1923	van Kampen, 1923	----
<i>Leptophryne borbonica</i>	MOP pers. obs.; Boulenger, 1882; van Kampen, 1923; Davis, 1935; Taylor, 1962; Inger, 1966	MOP pers. obs.; Boulenger, 1882; van Kampen, 1923; Davis, 1935; Taylor, 1962; Inger, 1966	Davis, 1935
<i>Melanophryniscus devincenzii</i>	DB pers. obs.; Klappenbach, 1968	DB pers. obs.	DB pers. obs.
<i>Melanophryniscus fulvoguttatus</i>	DB pers. obs.	DB pers. obs.	DB & MCW pers. obs.
<i>Melanophryniscus klappenbachi</i>	MOP pers. obs.; Prigioni & Langone, 2000; Nussbaum & Wu, 2007	MOP pers. obs.	MOP pers. obs.
<i>Melanophryniscus pachyrhynchus</i>	DB pers. obs.; Caramaschi & Cruz, 2002	Baldo <i>et al.</i> , 2012	Baldo <i>et al.</i> , 2012
<i>Melanophryniscus rubriventris</i>	DB pers. obs.; McDiarmid, 1971; Ceï, 1980	McDiarmid, 1971; Pramuk, 2006	McDiarmid, 1971; Pramuk, 2006
<i>Melanophryniscus stelzneri</i>	McDiarmid, 1971; Ceï, 1980	McDiarmid, 1971	McDiarmid, 1971

<i>Mertensophryne anotis</i>	Loveridge, 1932; Poynton, 1964, 1991; Poynton & Broadley, 1988; Poynton & Clarke, 1999; du Preez & Carruthers, 2009	Poynton, 1991	Tihen, 1960; Poynton & Broadley, 1988; Poynton, 1991; Poynton & Clarke, 1999
<i>Mertensophryne lindneri</i>	Poynton & Broadley, 1988; Clarke, 1989	Poynton & Broadley, 1988; Clarke, 1989	Clarke, 1989
<i>Mertensophryne loveridgei</i>	Poynton & Clarke, 1999; Harper <i>et al.</i> , 2010	----	Poynton & Clarke, 1999
<i>Mertensophryne micranotis</i>	Loveridge, 1932; Harper <i>et al.</i> , 2010	----	----
<i>Mertensophryne taitana</i>	Boulenger, 1882; Loveridge, 1932; Schmidt & Inger, 1959; Poynton & Broadley, 1988; Harper <i>et al.</i> , 2010	Schmidt & Inger, 1959; Grandison, 1972; Poynton & Broadley, 1988	MCW pers. obs.; Grandison, 1972
<i>Mertensophryne uzunguensis</i>	Loveridge, 1932; Harper <i>et al.</i> , 2010	Grandison, 1972	Grandison, 1972
<i>Nannophryne cophotis</i>	Boulenger, 1900b, Vellard, 1959	----	Pramuk, 2006
<i>Nannophryne variegata</i>	MOP pers. obs.; Boulenger, 1882; Gallardo, 1962b; Cei, 1980	MOP pers. obs.; Pramuk, 2006	MOP & MCW pers. obs.; Pramuk, 2006
<i>Nectophryne afra</i>	Boulenger, 1882; Tihen, 1960	Grandison, 1981; Tihen, 1960	Grandison, 1978, 1981; Tihen, 1960
<i>Nectophryne batesii</i>	Boulenger, 1913	----	MCW pers. obs.; Grandison, 1978, 1981
<i>Nectophrynoides minutus</i>	Menegon <i>et al.</i> , 2004; Perret, 1972	Grandison, 1978; Menegon <i>et al.</i> , 2004	Grandison, 1978; Menegon <i>et al.</i> , 2004
<i>Nectophrynoides tornieri</i>	MOP pers. obs.; Perret, 1972; Menegon <i>et al.</i> , 2004	Grandison, 1978; Menegon <i>et al.</i> , 2004	Grandison, 1978, 1981; Menegon <i>et al.</i> , 2004
<i>Nectophrynoides viviparus</i>	Perret, 1972; Menegon <i>et al.</i> , 2004; Nussbaum & Wu, 2007; Loader <i>et al.</i> , 2009; Harper <i>et al.</i> , 2010	Perret, 1972; Grandison, 1978; Menegon <i>et al.</i> , 2004	Tihen, 1960; Grandison, 1978, 1981; Menegon <i>et al.</i> , 2004; Nussbaum & Wu, 2007
<i>Nimbaphrynoides occidentalis</i>	Perret, 1972; Sandberg <i>et al.</i> , 2010	Grandison, 1978	Grandison, 1978, 1981
<i>Osornophryne antisana</i>	Hoogmoed, 1987	Hoogmoed, 1987	Hoogmoed, 1987
<i>Osornophryne bufoniformis</i>	Cochran & Goin, 1970; Ruiz-Carranza & Hernandez-Camacho, 1976	Ruiz-Carranza & Hernandez-Camacho, 1976	MCW pers. obs.; Ruiz-Carranza & Hernandez-Camacho, 1976; Pramuk, 2006
<i>Osornophryne guacamayo</i>	MOP pers. obs.	MOP pers. obs.	MOP pers. obs.

<i>Osornophryne puruanta</i>	Gluesenkamp & Guayasamin, 2008	----	Gluesenkamp & Guayasamin, 2008
<i>Osornophryne sumacoensis</i>	Gluesenkamp, 1995	----	----
<i>Pedostibes tuberculosus</i>	Günther, 1875; Boulenger, 1882, 1890; Dahanakur <i>et al.</i> , 2004	Boulenger, 1882	----
<i>Pelophryne brevipes</i>	Inger, 1966; Das, 2008	Inger, 1966	----
<i>Pelophryne misera</i>	van Kampen, 1923; Inger, 1966	van Kampen, 1923; Ramaswami, 1936; Inger, 1966	Ramaswami, 1936
<i>Pelophryne signata</i>	van Kampen, 1923; Das, 2008	van Kampen, 1923	----
<i>Peltophryne empusa</i>	MOP pers. obs.; Boulenger, 1882; Ruibal, 1959; Diaz & Cadiz, 2008	MOP pers. obs.; Diaz & Cadiz, 2008	----
<i>Peltophryne fustiger</i>	Schwartz, 1960	Schwartz, 1960	MCW pers. obs.;
<i>Peltophryne guentheri</i>	Boulenger, 1882; Ruibal, 1959	Ruibal, 1959	----
<i>Peltophryne gundlachi</i>	Ruibal, 1959	Ruibal, 1959	----
<i>Peltophryne lemur</i>	Ruibal, 1959	Pramuk, 2006	Pramuk, 2006
<i>Peltophryne longinasus</i>	Ruibal, 1959; Valdes de la Osa & Ruiz, 1980	----	----
<i>Peltophryne pectocephala</i>	MOP pers. obs.; Boulenger, 1882; Ruibal, 1959	MOP pers. obs.	Pramuk, 2002
<i>Peltophryne taladai</i>	Schwartz, 1960	Schwartz, 1960	Pramuk, 2002
<i>Phrynoidis asper</i>	Boulenger, 1882, 1890; van Kampen, 1923; Taylor, 1962; Inger, 1966	van Kampen, 1923; Taylor, 1962; Inger, 1966; Pramuk, 2006	Griffiths, 1954; Mendelson, 1997c; Pramuk, 2006
<i>Phrynoidis juxtasper</i>	Inger, 1964, 1966	Inger, 1964, 1966; Pramuk, 2006	Pramuk, 2006
<i>Poyntonophrynus damaranus</i>	Channing & Vences, 1999; du Preez & Carruthers, 2009	du Preez & Carruthers, 2009	----
<i>Poyntonophrynus dombensis</i>	Poynton, 1964; Channing & Vences, 1999; du Preez & Carruthers, 2009	Poynton, 1964; du Preez & Carruthers, 2009	----
<i>Poyntonophrynus fenoulheti</i>	Poynton, 1964; Poynton & Broadley, 1988	Poynton, 1964; Poynton & Broadley, 1988	----
<i>Poyntonophrynus vertebralis</i>	Poynton, 1964; du Preez & Carruthers, 2009	Poynton, 1964; du Preez & Carruthers, 2009	----

<i>Rentapia hosii</i>	MOP pers. obs.; van Kampen, 1923; Taylor, 1962; Inger, 1966	MOP pers. obs.; van Kampen, 1923; Taylor, 1962	Tihen, 1960; Pramuk, 2006
<i>Rentapia rugosa</i>	Inger, 1966	Inger, 1966	----
<i>Rhaebo ecuadorensis</i>	Mueses-Cisneros <i>et al.</i> , 2012	Mueses-Cisneros <i>et al.</i> , 2012	----
<i>Rhaebo glaberrimus</i>	MOP pers. obs.; Cochran & Goin, 1970; Mueses-Cisneros <i>et al.</i> , 2012	MOP pers. obs.; Mueses-Cisneros <i>et al.</i> , 2012	----
<i>Rhaebo guttatus</i>	MOP pers. obs.; Jimenez de la Espada, 1875; Boulenger, 1882; Melin, 1941	MOP pers. obs.; Pramuk, 2006	Pramuk, 2006
<i>Rhaebo nasicus</i>	Kok & Kalamandeen, 2008	Kok & Kalamandeen, 2008	----
<i>Rhinella achavali</i>	Maneyro <i>et al.</i> , 2004	Maneyro <i>et al.</i> , 2004	----
<i>Rhinella amboroensis</i>	Harvey & Smith, 1993	----	----
<i>Rhinella arenarum</i>	MOP pers. obs.; Gallardo, 1965; Cei, 1980	MOP pers. obs.; Pramuk, 2006	MCW pers. obs.; Pramuk, 2006
<i>Rhinella arequipensis</i>	Vellard, 1959; Urra, 2013	Pramuk, 2006	Pramuk, 2006
<i>Rhinella arunco</i>	Urra, 2013	Pramuk, 2006	Pramuk, 2006
<i>Rhinella atacamensis</i>	Correa-Quesada <i>et al.</i> , 2008	Pramuk, 2006	----
<i>Rhinella castaneotica</i>	Caldwell, 1991; Avila <i>et al.</i> , 2010	Caldwell, 1991; Avila <i>et al.</i> , 2010	MCW pers. obs.
<i>Rhinella chavin</i>	Lehr <i>et al.</i> , 2001	Lehr <i>et al.</i> , 2001	Pramuk & Lehr, 2005; Pramuk, 2006
<i>Rhinella dapsilis</i>	Myers & Carvalho, 1945	Myers & Carvalho, 1945	MCW pers. obs.
<i>Rhinella festae</i>	Trueb, 1971	Trueb, 1971	Trueb, 1971
<i>Rhinella granulosa</i>	Narvaes & Rodrigues, 2009	Narvaes & Rodrigues, 2009	----
<i>Rhinella humboldti</i>	Kenny, 1969; Cochran & Goin, 1970; Narvaes & Rodrigues, 2009	Pramuk, 2006	Pramuk, 2006
<i>Rhinella icterica</i>	Cei, 1980; Heyer <i>et al.</i> , 1990	Pramuk, 2006	MCW pers. obs.; Pramuk, 2006
<i>Rhinella limensis</i>	Vellard, 1959	Pramuk, 2006	Pramuk, 2006
<i>Rhinella macrorhina</i>	Trueb, 1971	Trueb, 1971	Trueb, 1971
<i>Rhinella manu</i>	Chaparro <i>et al.</i> , 2007	Chaparro <i>et al.</i> , 2007	Chaparro <i>et al.</i> , 2007
<i>Rhinella margaritifera</i>	Lavilla <i>et al.</i> , 2013	Lavilla <i>et al.</i> , 2013	Pramuk, 2006; Mendelson <i>et al.</i> , 2011

<i>Rhinella marina</i>	Boulenger, 1882; Melin, 1941; Kenny, 1969; Cochran & Goin, 1970	Pramuk, 2006	Goodrich, 1930; Baldauf, 1959; Pramuk, 2006; Mendelson <i>et al.</i> , 2011
<i>Rhinella nesiotes</i>	Duellman & Toft, 1979	Duellman & Toft, 1979	----
<i>Rhinella ocellata</i>	Leão & Cochran, 1952	Pramuk, 2006	MCW pers. obs.
<i>Rhinella ornata</i>	Jimenez de la Espada, 1875; Heyer <i>et al.</i> , 1990; Baldissera <i>et al.</i> , 2004	Parker, 1881; Baldissera <i>et al.</i> , 2004; Pramuk, 2006	MCW pers. obs.; Parker, 1881; Pramuk, 2006
<i>Rhinella poeppigii</i>	de la Riva, 2002b	de la Riva, 2002b; Pramuk, 2006	MCW pers. obs.; Pramuk, 2006
<i>Rhinella rostrata</i>	Cochran & Goin, 1970; Noble, 1920; Trueb, 1971	Trueb, 1971	Trueb, 1971; Trueb, 1973
<i>Rhinella schneideri</i>	Cei, 1980	Pramuk, 2006	MCW pers. obs.; Pramuk, 2006
<i>Rhinella spinulosa</i>	MOP pers. obs.; Vellard, 1959; Gallardo, 1965; Cei, 1972, 1980	MOP pers. obs.; Pramuk, 2006	MOP pers. obs.; Mendelson, 1997c; Pramuk, 2006
<i>Rhinella vellardi</i>	----	Pramuk, 2006; Vellard, 1959	Pramuk, 2006
<i>Rhinella veraguensis</i>	Boulenger, 1882; Harvey & Smith, 1993; Savage, 1969	----	Pramuk & Lehr, 2005; Pramuk, 2006
<i>Sabaphrynus maculatus</i>	van Kampen, 1923; Inger, 1966; Grismer, 2006; Matsui <i>et al.</i> , 2007; Matsui <i>et al.</i> , 2012	Inger, 1966 Grismer, 2006;; Matsui <i>et al.</i> , 2007	Matsui <i>et al.</i> , 2007
<i>Schismaderma carens</i>	MOP pers. obs.; Boulenger, 1882; Poynton, 1964; Poynton & Broadley, 1988	MOP pers. obs.; Poynton, 1964; Poynton & Broadley, 1988; Pramuk, 2006	MCW pers. obs.; Pramuk, 2006
<i>Sclerophrys brauni</i>	Harper <i>et al.</i> , 2010	Harper <i>et al.</i> , 2010	----
<i>Sclerophrys garmani</i>	Keith, 1968; Poynton & Broadley, 1988	Keith, 1968; Poynton & Broadley, 1988	----
<i>Sclerophrys gracilipes</i>	Boulenger, 1899	Boulenger, 1899	MCW pers. obs.
<i>Sclerophrys gutturalis</i>	Poynton & Broadley, 1988	Poynton & Broadley, 1988	----
<i>Sclerophrys kisolensis</i>	Keith, 1968; Loveridge, 1932; Poynton & Broadley, 1988	Keith, 1968; Poynton & Broadley, 1988	----
<i>Sclerophrys latifrons</i>	Boulenger, 1900c	Boulenger, 1900c; Inger & Menzies, 1961; Perret & Amiet, 1971	----

<i>Sclerophrys lemairii</i>	Inger & Menzies, 1961; Poynton & Broadley, 1988	Inger & Menzies, 1961; Poynton & Broadley, 1988	----
<i>Sclerophrys maculata</i>	Perret & Amiet, 1971; Poynton & Broadley, 1988	Perret & Amiet, 1971; Poynton & Broadley, 1988	Mendelson, 1997c, Pramuk, 2006
<i>Sclerophrys mauritanica</i>	Boulenger, 1882	Boulenger, 1882	MCW pers. obs.
<i>Sclerophrys pantherina</i>	Parker, 1981	Parker, 1981	Parker, 1981
<i>Sclerophrys pardalis</i>	du Preez & Carruthers, 2009	Pramuk, 2006; du Preez & Carruthers, 2009	----
<i>Sclerophrys poweri</i>	du Preez & Carruthers, 2009	du Preez & Carruthers, 2009	----
<i>Sclerophrys regularis</i>	Boulenger, 1882; Sedra & Michael, 1959; Inger & Menzies, 1961; Poynton, 1964	Sedra & Michael, 1959; Inger & Menzies, 1961	Sedra & Michael, 1959; Pramuk, 2006
<i>Sclerophrys steindachneri</i>	Pfeffer, 1893	Pfeffer, 1893	----
<i>Sclerophrys tuberosa</i>	Boulenger, 1882	Boulenger, 1882	MCW pers. obs.
<i>Sclerophrys xeros</i>	Tandy <i>et al.</i> , 1976	Pramuk, 2006; Channing <i>et al.</i> , 2012	Pramuk, 2006
<i>Strauchbufo raddei</i>	Boulenger, 1882	Vorobieva & Smirnov, 1987	MCW pers. obs.; Vorobieva & Smirnov, 1987
<i>Vandijkophrynus amatolicus</i>	du Preez & Carruthers, 2009	du Preez & Carruthers, 2009	----
<i>Vandijkophrynus angusticeps</i>	MOP pers. obs.; Boulenger, 1882; du Preez & Carruthers, 2009	Schoonees, 1930; du Preez & Carruthers, 2009	MCW pers. obs.; Schoonees, 1930
<i>Vandijkophrynus garipeensis</i>	du Preez & Carruthers, 2009	du Preez & Carruthers, 2009	MCW pers. obs.
<i>Vandijkophrynus inyangae</i>	Poynton & Broadley, 1988; du Preez & Carruthers, 2009	Poynton & Broadley, 1988; du Preez & Carruthers, 2009	----
<i>Vandijkophrynus robinsoni</i>	du Preez & Carruthers, 2009	du Preez & Carruthers, 2009	----
<i>Werneria bambutensis</i>	Rödel <i>et al.</i> , 2004	----	----
<i>Werneria mertensiana</i>	Rödel <i>et al.</i> , 2004	----	MCW pers. obs.
<i>Werneria tandyi</i>	Rödel <i>et al.</i> , 2004	----	----
<i>Wolterstorffina parvipalmata</i>	Tihen, 1960; Perret, 1972; Boistel & Amiet, 2001	----	MCW pers. obs.; Grandison, 1978, 1981; Tihen, 1960
<i>Xanthophryne koynayensis</i>	Biju <i>et al.</i> , 2009	Biju <i>et al.</i> , 2009	----

Bufonidae not included in Pyron (2014)			
Species	Tympanic membrane	Tympanic annulus	Columella
<i>Adenomus kandianus</i>	Günther, 1872; Manamendra-Arachchi & Pethiyagoda, 1998; Gabadage <i>et al.</i> , 2014	Günther, 1872; Manamendra-Arachchi & Pethiyagoda, 1998; Gabadage <i>et al.</i> , 2014; Meegaskumbura <i>et al.</i> , 2015	Meegaskumbura <i>et al.</i> , 2015
<i>Altiphrynoides malcolmi</i>	----	Grandison, 1978	Grandison, 1978, 1981
<i>Altiphrynoides osgoodi</i>	Loveridge, 1932	Grandison, 1978	Grandison, 1978, 1981
<i>Amazophrynella amazonicola</i>	Rojas <i>et al.</i> , 2015	----	----
<i>Amazophrynella bokermanni</i>	Izecksohn, 1993a	----	----
<i>Amazophrynella javierbustamantei</i>	Rojas <i>et al.</i> , 2016	----	----
<i>Amazophrynella manaos</i>	Rojas <i>et al.</i> , 2014	----	----
<i>Amazophrynella matses</i>	Rojas <i>et al.</i> , 2015	----	----
<i>Amazophrynella vote</i>	Avila <i>et al.</i> , 2012	----	----
<i>Anaxyrus compactilis</i>	Cope, 1889; Brocchi, 1877; Wright & Wright, 1949	Cope, 1889; Wright & Wright, 1949	----
<i>Anaxyrus kelloggi</i>	----	Taylor, 1936	----
<i>Anaxyrus mexicanus</i>	Brocchi, 1879	Brocchi, 1879	----
<i>Ansonia echinata</i>	Inger & Stuebing, 2009	Inger & Stuebing, 2009	----
<i>Ansonia glandulosa</i>	Iskandar & Mumpuni, 2004	Iskandar & Mumpuni, 2004	----
<i>Ansonia jeetsukumarani</i>	Wood <i>et al.</i> , 2008	Wood <i>et al.</i> , 2008	----
<i>Ansonia latidisca</i>	Inger, 1966; Matsui <i>et al.</i> , 2012	Matsui <i>et al.</i> , 2012	Matsui <i>et al.</i> , 2012
<i>Ansonia latiffi</i>	Wood <i>et al.</i> , 2008	Wood <i>et al.</i> , 2008	----
<i>Ansonia lumut</i>	Chan <i>et al.</i> , 2014	Chan <i>et al.</i> , 2014	----
<i>Ansonia thinthinae</i>	Wilkinson <i>et al.</i> , 2012	Wilkinson <i>et al.</i> , 2012	----
<i>Ansonia vidua</i>	Hertwig <i>et al.</i> , 2014	Hertwig <i>et al.</i> , 2014	----
<i>Atelopus angelito</i>	Ardila-Robayo & Ruiz-Carranza, 1998	Ardila-Robayo & Ruiz-Carranza, 1998	Ardila-Robayo & Ruiz-Carranza, 1998
<i>Atelopus ardila</i>	Coloma <i>et al.</i> , 2010	Coloma <i>et al.</i> , 2010	Coloma <i>et al.</i> , 2010
<i>Atelopus arthuri</i>	Peters, 1973; Coloma, 1997	Coloma, 1997	Coloma, 1997
<i>Atelopus balios</i>	Peters, 1973; Coloma, 1997	Coloma, 1997	Coloma, 1997

<i>Atelopus barbotini</i>	Lescure & Marty, 2000	----	Lötters <i>et al.</i> , 2011
<i>Atelopus boulengeri</i>	McDiarmid, 1971; Peters, 1973	McDiarmid, 1971	McDiarmid, 1971
<i>Atelopus carbonerensis</i>	Rivero, 1974	Coloma, 1997	Coloma, 1997
<i>Atelopus carrikeri</i>	Ruthven, 1916; McDiarmid, 1971; Ruiz-Carranza <i>et al.</i> , 1994	McDiarmid, 1971; Ruiz-Carranza <i>et al.</i> , 1994	McDiarmid, 1971; Ruiz-Carranza <i>et al.</i> , 1994;
<i>Atelopus certus</i>	McDiarmid, 1971	McDiarmid, 1971	McDiarmid, 1971
<i>Atelopus chirripoensis</i>	Savage & Bolaños, 2009	Savage & Bolaños, 2009	----
<i>Atelopus chrysocorallus</i>	La Marca, 1996 “1994”	----	----
<i>Atelopus coynei</i>	Miyata, 1980; Coloma, 1997	Coloma, 1997	Coloma, 1997
<i>Atelopus cruciger</i>	McDiarmid, 1971; Lötters <i>et al.</i> , 2004	MOP pers. obs.; McDiarmid, 1971; Lötters <i>et al.</i> , 2004	MOP pers. obs.; McDiarmid, 1971; Lötters <i>et al.</i> , 2004
<i>Atelopus dimorphus</i>	Lötters, 2003	Lötters, 2003	Lötters, 2003
<i>Atelopus ebenoides</i>	Cochran & Goin, 1970; McDiarmid, 1971	McDiarmid, 1971	McDiarmid, 1971
<i>Atelopus elegans</i>	McDiarmid, 1971; Peters, 1973	McDiarmid, 1971	McDiarmid, 1971
<i>Atelopus epikeisthos</i>	Lötters <i>et al.</i> , 2005 “2004”	----	----
<i>Atelopus eusebianus</i>	Rivero & Granados Diaz, 1983	Rivero & Granados Diaz, 1983	Rivero & Granados Diaz, 1983
<i>Atelopus eusebiodiazi</i>	Venegas <i>et al.</i> , 2008	Venegas <i>et al.</i> , 2008	----
<i>Atelopus exiguus</i>	McDiarmid, 1971; Coloma <i>et al.</i> , 2000	McDiarmid, 1971; Coloma <i>et al.</i> , 2000	McDiarmid, 1971; Coloma <i>et al.</i> , 2000
<i>Atelopus farci</i>	Lynch, 1993	Lynch, 1993	Lynch, 1993
<i>Atelopus gigas</i>	Coloma <i>et al.</i> , 2010	Coloma <i>et al.</i> , 2010	Coloma <i>et al.</i> , 2010
<i>Atelopus glyphus</i>	McDiarmid, 1971	McDiarmid, 1971	McDiarmid, 1971
<i>Atelopus guanujo</i>	Coloma, 2002	Coloma, 2002	Coloma, 2002
<i>Atelopus guitarraensis</i>	Osorno-Muñoz <i>et al.</i> , 2001	Osorno-Muñoz <i>et al.</i> , 2001	Osorno-Muñoz <i>et al.</i> , 2001
<i>Atelopus hoogmoedi</i>	Lescure & Marty, 2000	----	Lötters <i>et al.</i> , 2011
<i>Atelopus laetissimus</i>	Ruiz-Carranza <i>et al.</i> , 1994	Ruiz-Carranza <i>et al.</i> , 1994	Ruiz-Carranza <i>et al.</i> , 1994
<i>Atelopus limosus</i>	Ibañez <i>et al.</i> , 1995	Ibañez <i>et al.</i> , 1995	
<i>Atelopus loettersi</i>	de la Riva <i>et al.</i> , 2011	de la Riva <i>et al.</i> , 2011	de la Riva <i>et al.</i> , 2011
<i>Atelopus longibrachius</i>	Rivero, 1963; Coloma, 1997	Coloma, 1997	Coloma, 1997
<i>Atelopus lozanoi</i>	Osorno-Muñoz <i>et al.</i> , 2001	Osorno-Muñoz <i>et al.</i> , 2001	Osorno-Muñoz <i>et al.</i> , 2001

<i>Atelopus lynchi</i>	Cannatella, 1981	Cannatella, 1981	Cannatella, 1981
<i>Atelopus mandingues</i>	Osorno-Muñoz <i>et al.</i> , 2001	Osorno-Muñoz <i>et al.</i> , 2001	Osorno-Muñoz <i>et al.</i> , 2001
<i>Atelopus marinkellei</i>	Cochran & Goin, 1970	----	----
<i>Atelopus mindoensis</i>	Peters, 1973; Coloma, 1997	Coloma, 1997	Coloma, 1997
<i>Atelopus mittermeieri</i>	Acosta Galvis <i>et al.</i> , 2006	Acosta Galvis <i>et al.</i> , 2006	----
<i>Atelopus monohernandezii</i>	Ardila-Robayo <i>et al.</i> , 2002	Ardila-Robayo <i>et al.</i> , 2002	Ardila-Robayo <i>et al.</i> , 2002
<i>Atelopus mucubajiensis</i>	Rivero, 1974; Coloma, 1997	Coloma, 1997	Coloma, 1997
<i>Atelopus muisca</i>	Rueda-Almonacid & Hoyos, 1992 “1991”	----	Hoyos <i>et al.</i> , 2015
<i>Atelopus nahumae</i>	Ruiz-Carranza <i>et al.</i> , 1994	Ruiz-Carranza <i>et al.</i> , 1994	Ruiz-Carranza <i>et al.</i> , 1994
<i>Atelopus nepiozomus</i>	Peters, 1973	----	----
<i>Atelopus nicefori</i>	Rivero, 1963; Cochran & Goin, 1970; Coloma, 1997	Coloma, 1997	Coloma, 1997
<i>Atelopus nocturnus</i>	Bravo-Valencia & Rivera-Correa, 2011	Bravo-Valencia & Rivera-Correa, 2011	Bravo-Valencia & Rivera-Correa, 2011
<i>Atelopus onorei</i>	Coloma <i>et al.</i> , 2007	Coloma <i>et al.</i> , 2007	----
<i>Atelopus orcesi</i>	Coloma <i>et al.</i> , 2010	Coloma <i>et al.</i> , 2010	Coloma <i>et al.</i> , 2010
<i>Atelopus oxyrhynchus</i>	McDiarmid, 1971; Rivero, 1974	McDiarmid, 1971	McDiarmid, 1971
<i>Atelopus pachydermus</i>	McDiarmid, 1971; Peters, 1973; Coloma <i>et al.</i> , 2007	McDiarmid, 1971	McDiarmid, 1971
<i>Atelopus palmatus</i>	Peters, 1973	----	----
<i>Atelopus pastuso</i>	Coloma <i>et al.</i> , 2010	Coloma <i>et al.</i> , 2010	Coloma <i>et al.</i> , 2010
<i>Atelopus patazensis</i>	Venegas <i>et al.</i> , 2008	Venegas <i>et al.</i> , 2008	----
<i>Atelopus pedimarmoratus</i>	Cochran & Goin, 1970	Cochran & Goin, 1970	----
<i>Atelopus petersi</i>	Coloma <i>et al.</i> , 2007	Coloma <i>et al.</i> , 2007	Coloma <i>et al.</i> , 2007
<i>Atelopus petriruizi</i>	Ardila-Robayo, 1999	Ardila-Robayo, 1999	Ardila-Robayo, 1999
<i>Atelopus pictiventris</i>	Kattan, 1986	----	----
<i>Atelopus planispina</i>	Jimenez de la Espada, 1875; Peters, 1973; Coloma, 1997	Coloma, 1997	Coloma, 1997
<i>Atelopus podocarpus</i>	Coloma <i>et al.</i> , 2010	Coloma <i>et al.</i> , 2010	Coloma <i>et al.</i> , 2010
<i>Atelopus pyrodactylus</i>	Venegas & Barrio, 2006	----	----

<i>Atelopus reticulatus</i>	Lötters <i>et al.</i> , 2002a	----	----
<i>Atelopus sanjosei</i>	Rivero & Serna, 1989; Coloma, 1997	Coloma, 1997	Coloma, 1997
<i>Atelopus sernai</i>	Ruiz-Carranza & Osorno-Muñoz, 1994	Ruiz-Carranza & Osorno-Muñoz, 1994	Ruiz-Carranza & Osorno-Muñoz, 1994
<i>Atelopus simulatus</i>	Ruiz-Carranza & Osorno-Muñoz, 1994	Ruiz-Carranza & Osorno-Muñoz, 1994	Ruiz-Carranza & Osorno-Muñoz, 1994
<i>Atelopus siranus</i>	Lötters & Henzl, 2000	Lötters & Henzl, 2000	----
<i>Atelopus sonsonensis</i>	Vélez-Rodríguez & Ruiz-Carranza, 1997	Vélez-Rodríguez & Ruiz-Carranza, 1997	Vélez-Rodríguez & Ruiz-Carranza, 1997
<i>Atelopus soriano</i>	La Marca, 1983; Coloma, 1997	Coloma, 1997	Coloma, 1997
<i>Atelopus subornatus</i>	Coloma, 1997	Coloma, 1997	Coloma, 1997
<i>Atelopus tamaense</i>	La Marca <i>et al.</i> , 1990 “1989”	----	----
<i>Atelopus vogli</i>	Lötters <i>et al.</i> , 2004	Lötters <i>et al.</i> , 2004	Lötters <i>et al.</i> , 2004
<i>Atelopus walkeri</i>	Rivero, 1963; Cochran & Goin, 1970; McDiarmid, 1971	McDiarmid, 1971	McDiarmid, 1971
<i>Blythophryne beryet</i>	Chandramouli <i>et al.</i> , 2016	Chandramouli <i>et al.</i> , 2016	Chandramouli <i>et al.</i> , 2016
<i>Bufo ailaoanus</i>	Kou, 1984	----	----
<i>Bufo pageoti</i>	Wogan <i>et al.</i> , 2003; Das <i>et al.</i> , 2013	Wogan <i>et al.</i> , 2003; Das <i>et al.</i> , 2013	----
<i>Bufoides meghalayana</i>	Pillai & Yazdani, 1973	----	----
<i>Bufotes latastii</i>	Boulenger, 1882, 1890; Stock <i>et al.</i> , 2001	Stock <i>et al.</i> , 2001	----
<i>Bufotes luristanicus</i>	Stock <i>et al.</i> , 2001c, Javari & Torki, 2009	Stock <i>et al.</i> , 2001c, Javari & Torki, 2009	----
<i>Bufotes pseudoraddei</i>	----	Stock <i>et al.</i> , 1999; Stock <i>et al.</i> , 2001	----
<i>Bufotes surdus</i>	Stock <i>et al.</i> , 2001	----	----
<i>Bufotes turanensis</i>	Stock <i>et al.</i> , 2001	Stock <i>et al.</i> , 2001	----
<i>Bufotes zugmayeri</i>	Stock <i>et al.</i> , 2001	Stock <i>et al.</i> , 2001	----
<i>Dendrophryniscus oreites</i>	Recoder <i>et al.</i> , 2010	----	----
<i>Dendrophryniscus organensis</i>	Carvalho-e-Silva <i>et al.</i> , 2010	----	----
<i>Dendrophryniscus skuki</i>	Caramaschi, 2012	----	----

<i>Dendrophryniscus stawiarskyi</i>	Izecksohn, 1993b	----	----
<i>Duttaphrynus beddomii</i>	Günther, 1875; Boulenger, 1882, 1890	Günther, 1875; Boulenger, 1882, 1890	----
<i>Duttaphrynus chandai</i>	Das <i>et al.</i> , 2013	Das <i>et al.</i> , 2013	----
<i>Duttaphrynus kiphirensis</i>	Das <i>et al.</i> , 2013	Das <i>et al.</i> , 2013	----
<i>Duttaphrynus kotagamai</i>	Fernando <i>et al.</i> , 1994; Manamendra-Arachchi & Pethiyagoda, 1998	Fernando <i>et al.</i> , 1994	----
<i>Duttaphrynus mamitensis</i>	Das <i>et al.</i> , 2013	Das <i>et al.</i> , 2013	----
<i>Duttaphrynus manipurensis</i>	Mathew & Sen, 2009	Mathew & Sen, 2009	----
<i>Duttaphrynus microtympanum</i>	----	Boulenger, 1882, 1890; Shah & Gruber, 1994; Manamendra-Arachchi & Pethiyagoda, 1998	----
<i>Duttaphrynus mizoramensis</i>	Das <i>et al.</i> , 2013	Das <i>et al.</i> , 2013	----
<i>Duttaphrynus nagalandensis</i>	Das <i>et al.</i> , 2013	Das <i>et al.</i> , 2013	----
<i>Duttaphrynus noellerti</i>	Manamendra-Arachchi & Pethiyagoda, 1998	Manamendra-Arachchi & Pethiyagoda, 1998	----
<i>Duttaphrynus olivaceus</i>	Boulenger, 1882, 1890	----	----
<i>Duttaphrynus sumatranus</i>	Boulenger, 1882; Teynie <i>et al.</i> , 2010; Das <i>et al.</i> , 2013	Das <i>et al.</i> , 2013	----
<i>Duttaphrynus totol</i>	Teynie <i>et al.</i> , 2010	Teynie <i>et al.</i> , 2010	----
<i>Duttaphrynus valhallae</i>	Meade-Waldo, 1909; van Kampen, 1923	Meade-Waldo, 1909; van Kampen, 1923	----
<i>Duttaphrynus wokhaensis</i>	Boulenger, 1890	Boulenger, 1890	----
<i>Frostius erythrophthalmus</i>	Pimenta & Caramaschi, 2007	----	----
<i>Frostius pernambucensis</i>	MOP pers. obs.; Cannatella, 1986	MOP pers. obs.	Cannatella, 1986
<i>Ghatophryne rubigina</i>	Pillai & Pattabiraman, 1981	----	----
<i>Incilius aurarius</i>	Mendelson <i>et al.</i> , 2012	Mendelson <i>et al.</i> , 2012	----
<i>Incilius epioticus</i>	Boulenger, 1882; Savage & Kluge, 1961; Savage, 1972; Vaughan & Mendelson, 2007	Savage & Kluge, 1961; Savage, 1972	Savage & Kluge, 1961; Savage, 1972; Pramuk, 2006; Mendelson <i>et al.</i> , 2011
<i>Incilius guanacaste</i>	Vaughan & Mendelson, 2007	----	----

<i>Incilius holdridgei</i>	Savage, 1972	Savage, 1972	Savage, 1972
<i>Incilius intermedius</i>	Boulenger, 1882	Boulenger, 1882	----
<i>Incilius karenlipsae</i>	Mendelson & Mulcahy, 2010	Mendelson & Mulcahy, 2010	----
<i>Incilius majordomus</i>	Savage <i>et al.</i> , 2013	Savage <i>et al.</i> , 2013	Savage <i>et al.</i> , 2013
<i>Incilius mccoysi</i>	Santos-Barrera & Flores-Villela, 2011	Santos-Barrera & Flores-Villela, 2011	----
<i>Incilius periglenes</i>	Savage, 1972; Savage, 2002	Savage, 1972; Savage, 2002	Savage, 1972; Savage, 2002
<i>Incilius peripatetes</i>	Taylor, 1951; Savage, 1972	Taylor, 1951; Savage, 1972	Savage, 1972
<i>Ingerophrynus claviger</i>	Boulenger, 1882; van Kampen, 1923	van Kampen, 1923	----
<i>Ingerophrynus gollum</i>	Grismer, 2007	----	----
<i>Ingerophrynus kumquat</i>	Grismer, 2007	----	----
<i>Ingerophrynus parvus</i>	van Kampen, 1923; Taylor, 1962	van Kampen, 1923; Taylor, 1962	----
<i>Ingerophrynus quadriporcatus</i>	van Kampen, 1923; Inger, 1966	van Kampen, 1923; Inger, 1966	----
<i>Laurentophryne parkeri</i>	Tihen, 1960	Tihen, 1960	Tihen, 1960; Grandison, 1978, 1981
<i>Leptophryne cruentata</i>	van Kampen, 1923	van Kampen, 1923	----
<i>Melanophryniscus admirabilis</i>	di Bernardo <i>et al.</i> , 2006	----	----
<i>Melanophryniscus alipioi</i>	Langone <i>et al.</i> , 2008	----	----
<i>Melanophryniscus atroluteus</i>	DB pers. obs.	DB pers. obs.	DB pers. obs.
<i>Melanophryniscus biancae</i>	Bornschein <i>et al.</i> , 2015	----	----
<i>Melanophryniscus cambaraensis</i>	DB pers. obs.	----	----
<i>Melanophryniscus cupreuscapularis</i>	DB pers. obs.; Cespèdez & Alvarez, 2000	----	----
<i>Melanophryniscus dorsalis</i>	DB pers. obs.	----	----
<i>Melanophryniscus estebani</i>	DB pers. obs.; Cespèdez, 2008	----	----
<i>Melanophryniscus krauczuki</i>	Baldo & Basso, 2004	Baldo & Basso, 2004	Baldo & Basso, 2004
<i>Melanophryniscus langonei</i>	Maneyro <i>et al.</i> , 2008	----	----
<i>Melanophryniscus macrogranulosus</i>	DB pers. obs.	DB pers. obs.	DB pers. obs.
<i>Melanophryniscus milanoi</i>	Bornschein <i>et al.</i> , 2015	----	----
<i>Melanophryniscus montevidensis</i>	DB pers. obs.	DB pers. obs.	DB pers. obs.

<i>Melanophryniscus moreirae</i>	Badenhorst, 1945; Cochran, 1955; McDiarmid, 1971	Badenhorst, 1945; McDiarmid, 1971	Badenhorst, 1945; McDiarmid, 1971; Mendelson, 1997c
<i>Melanophryniscus paraguayensis</i>	Cespèdes & Motte, 2007	----	----
<i>Melanophryniscus peritus</i>	Caramaschi & Cruz, 2011	----	----
<i>Melanophryniscus sanmartini</i>	Klappenbach, 1968	----	----
<i>Melanophryniscus setiba</i>	MOP pers. obs.; Peloso <i>et al.</i> , 2012	Peloso <i>et al.</i> , 2012	Peloso <i>et al.</i> , 2012
<i>Melanophryniscus simplex</i>	DB pers. obs.; Caramaschi & Cruz, 2002	----	----
<i>Melanophryniscus spectabilis</i>	DB pers. obs.; Caramaschi & Cruz, 2002	----	----
<i>Melanophryniscus tumifrons</i>	McDiarmid, 1971; Caramaschi & Cruz, 2002	McDiarmid, 1971	McDiarmid, 1971
<i>Melanophryniscus vilavelhensis</i>	DB pers. obs.	----	----
<i>Melanophryniscus xanthostomus</i>	Bornschein <i>et al.</i> , 2015	----	----
<i>Mertensophryne howelli</i>	Poynton & Clarke, 1999	----	Poynton & Clarke, 1999
<i>Mertensophryne lonnbergi</i>	Loveridge, 1932; Poynton & Broadley, 1988	Grandison, 1972; Poynton & Broadley, 1988	Grandison, 1972
<i>Mertensophryne melanopleura</i>	Schmidt & Inger, 1959; Poynton & Broadley, 1988	Poynton & Broadley, 1988	----
<i>Mertensophryne mocquardi</i>	Loveridge, 1932	----	----
<i>Mertensophryne nairobiensis</i>	Loveridge, 1932	----	----
<i>Mertensophryne nyikae</i>	Loveridge, 1953	----	----
<i>Mertensophryne schmidtii</i>	Grandison, 1972	Grandison, 1972	Grandison, 1972
<i>Mertensophryne usambarae</i>	Poynton & Clarke, 1999; Harper <i>et al.</i> , 2010	----	Poynton & Clarke, 1999
<i>Metaphryniscus sosai</i>	Señaris <i>et al.</i> , 1994	Señaris <i>et al.</i> , 1994	----
<i>Nannophryne apolobambica</i>	de la Riva <i>et al.</i> , 2005	de la Riva <i>et al.</i> , 2005	----
<i>Nannophryne corynetes</i>	Duellman & Ochoa, 1991	Duellman & Ochoa, 1991	Duellman & Ochoa, 1991; Pramuk, 2006
<i>Nectophrynoides asperginis</i>	Arch <i>et al.</i> , 2011	----	Arch <i>et al.</i> , 2011
<i>Nectophrynoides cryptus</i>	Perret, 1972	Grandison, 1978	Perret, 1972; Grandison, 1978, 1981
<i>Nectophrynoides frontierei</i>	Menegon <i>et al.</i> , 2004	Menegon <i>et al.</i> , 2004	Menegon <i>et al.</i> , 2004

<i>Nectophrynoides laevis</i>	Menegon <i>et al.</i> , 2004	----	----
<i>Nectophrynoides laticeps</i>	Harper <i>et al.</i> , 2010	Harper <i>et al.</i> , 2010	----
<i>Nectophrynoides paulae</i>	Menegon <i>et al.</i> , 2007	Menegon <i>et al.</i> , 2007	----
<i>Nectophrynoides poyntoni</i>	Menegon <i>et al.</i> , 2004	Menegon <i>et al.</i> , 2004	Menegon <i>et al.</i> , 2004
<i>Nectophrynoides pseudotornieri</i>	Menegon <i>et al.</i> , 2004	----	----
<i>Nectophrynoides vestergaardi</i>	Menegon <i>et al.</i> , 2004	Menegon <i>et al.</i> , 2004	Menegon <i>et al.</i> , 2004
<i>Nectophrynoides wendyae</i>	Menegon <i>et al.</i> , 2004	----	----
<i>Oreophrynella cryptica</i>	Señaris, 1995 “1993”	----	----
<i>Oreophrynella dendronastes</i>	Lathrop & MacCulloch, 2007	----	----
<i>Oreophrynella huberi</i>	Diego-Aransay & Gorzula, 1990	----	----
<i>Oreophrynella nigra</i>	Señaris <i>et al.</i> , 1994	----	----
<i>Oreophrynella quelchii</i>	Boulenger, 1895; McDiarmid, 1971; Nussbaum & Wu, 2007	McDiarmid, 1971; Nussbaum & Wu, 2007	McDiarmid, 1971; Nussbaum & Wu, 2007
<i>Oreophrynella seegobini</i>	Kok, 2009	----	----
<i>Oreophrynella vasquezi</i>	Señaris <i>et al.</i> , 1994	----	----
<i>Oreophrynella weiassipuenensis</i>	Señaris <i>et al.</i> , 2005	----	----
<i>Osornophryne angel</i>	Yanez-Munoz <i>et al.</i> , 2011	----	----
<i>Osornophryne cofanorum</i>	Mueses-Cisneros <i>et al.</i> , 2010	----	----
<i>Osornophryne occidentalis</i>	Cisneros-Heredia & Gluesenkamp, 2010	Cisneros-Heredia & Gluesenkamp, 2010	----
<i>Osornophryne percrassa</i>	Ruiz-Carranza & Hernandez-Camacho, 1976	Ruiz-Carranza & Hernandez-Camacho, 1976	Ruiz-Carranza & Hernandez-Camacho, 1976
<i>Osornophryne simpsoni</i>	Páez-Moscoso <i>et al.</i> , 2011	Páez-Moscoso <i>et al.</i> , 2011	Páez-Moscoso <i>et al.</i> , 2011
<i>Osornophryne talipes</i>	MOP pers. obs.	----	----
<i>Parapelophryne scalpta</i>	Liu <i>et al.</i> , 1973	Fei <i>et al.</i> , 2003	Fei <i>et al.</i> , 2003
<i>Pedostibes kempfi</i>	Boulenger, 1919	----	----
<i>Pelophryne albotaeniata</i>	Tihen, 1960; Das, 2008	Tihen, 1960	Tihen, 1960
<i>Pelophryne api</i>	Das, 2008	Das, 2008	----
<i>Pelophryne guentheri</i>	Boulenger, 1882; van Kampen, 1923; Inger, 1966; Das, 2008	Boulenger, 1882; van Kampen, 1923; Inger, 1966	----
<i>Pelophryne lighti</i>	Das, 2008	Das, 2008	----

<i>Pelophryne linanitensis</i>	Das, 2008	Das, 2008	----
<i>Pelophryne murudensis</i>	Das, 2008	Das, 2008	----
<i>Pelophryne rhopophilia</i>	Das, 2008	Das, 2008	----
<i>Pelophryne saravacensis</i>	Inger & Stuebing, 2009	Inger & Stuebing, 2009	----
<i>Peltophryne cataulaciceps</i>	Schwartz, 1959	Schwartz, 1959	----
<i>Peltophryne florentinoi</i>	Moreno & Rivalta, 2007	Moreno & Rivalta, 2007	----
<i>Peltophryne fluviatica</i>	----	Schwartz, 1972	----
<i>Peltophryne fracta</i>	----	Schwartz, 1972	----
<i>Poyntonophrynus beiranus</i>	Loveridge, 1932; Poynton & Broadley, 1988; du Preez & Carruthers, 2009	Poynton & Broadley, 1988; du Preez & Carruthers, 2009	----
<i>Poyntonophrynus grandisonae</i>	Poynton & Haacke, 1993	Poynton & Haacke, 1993	Poynton & Haacke, 1993
<i>Poyntonophrynus hoeschi</i>	Poynton, 1964; du Preez & Carruthers, 2009	du Preez & Carruthers, 2009	----
<i>Poyntonophrynus kavangensis</i>	Poynton & Broadley, 1988; Channing & Vences, 1999; du Preez & Carruthers, 2009	Poynton & Broadley, 1988; du Preez & Carruthers, 2009	----
<i>Poyntonophrynus lughensis</i>	Loveridge, 1932	----	----
<i>Poyntonophrynus parkeri</i>	----	Loveridge, 1932; Poynton <i>et al.</i> , 2005	----
<i>Pseudobufo subasper</i>	Boulenger, 1882; van Kampen, 1923; Inger, 1966	van Kampen, 1923; Inger, 1966	Tihen, 1960
<i>Rentapia everetti</i>	van Kampen, 1923; Inger, 1966	van Kampen, 1923	----
<i>Rhaebo andinophrynoides</i>	MOP pers. obs.; Mueses-Cisneros, 2009	MOP pers. obs.; Mueses-Cisneros, 2009	----
<i>Rhaebo atelopoides</i>	Lynch & Ruiz-Carranza, 1981	Lynch & Ruiz-Carranza, 1981	Lynch & Ruiz-Carranza, 1981
<i>Rhaebo blombergi</i>	Myers & Funkhouser, 1951; Cochran & Goin, 1970	Pramuk, 2006	Pramuk, 2006
<i>Rhaebo caeruleostictus</i>	Boulenger, 1882; Hoogmoed, 1989; Pramuk & Kadivar, 2003	Hoogmoed, 1989; Pramuk, 2006	Hoogmoed, 1989; Pramuk, 2006
<i>Rhaebo colomai</i>	Hoogmoed, 1985; Ron <i>et al.</i> , 2015	Hoogmoed, 1985; Ron <i>et al.</i> , 2015	Hoogmoed, 1985

<i>Rhaebo haematiticus</i>	MOP pers. obs.; Boulenger, 1882; Cochran & Goin, 1970; Pramuk, 2006; Mueses-Cisneros, 2009	MOP pers. obs.; Pramuk, 2006	MOP pers. obs.; Pramuk, 2006; Mendelson <i>et al.</i> , 2011
<i>Rhaebo hypomelas</i>	Hoogmoed, 1989; Mueses-Cisneros, 2009	Hoogmoed, 1989; Mueses-Cisneros, 2009	----
<i>Rhaebo lynchi</i>	Mueses-Cisneros, 2007	----	----
<i>Rhaebo olallai</i>	Hoogmoed, 1985; Ron <i>et al.</i> , 2015	Hoogmoed, 1985; Ron <i>et al.</i> , 2015	Hoogmoed, 1985
<i>Rhinella abei</i>	Baldissera <i>et al.</i> , 2004	Baldissera <i>et al.</i> , 2004	----
<i>Rhinella achalensis</i>	Cei, 1972, 1980	MOP pers. obs.; Cei, 1972	MOP pers. obs.
<i>Rhinella acrolopha</i>	Trueb, 1971	Trueb, 1971	Trueb, 1971
<i>Rhinella acutirostris</i>	Lötters & Köhler, 2000	Lötters & Köhler, 2000	----
<i>Rhinella alata</i>	Santos <i>et al.</i> , 2015	Santos <i>et al.</i> , 2015	----
<i>Rhinella amabilis</i>	Pramuk & Kadivar, 2003	Pramuk & Kadivar, 2003; Pramuk, 2006	Pramuk & Kadivar, 2003; Pramuk, 2006
<i>Rhinella arborescandens</i>	Duellman & Schulte, 1992	Duellman & Schulte, 1992	Duellman & Schulte, 1992
<i>Rhinella azarai</i>	Narvaes & Rodrigues, 2009	Narvaes & Rodrigues, 2009	----
<i>Rhinella bergi</i>	Narvaes & Rodrigues, 2009	Narvaes & Rodrigues, 2009	----
<i>Rhinella bernardoi</i>	Sanabria <i>et al.</i> , 2010	Sanabria <i>et al.</i> , 2010	----
<i>Rhinella casconi</i>	Roberto <i>et al.</i> , 2014	Roberto <i>et al.</i> , 2014	----
<i>Rhinella centralis</i>	Narvaes & Rodrigues, 2009	Narvaes & Rodrigues, 2009	----
<i>Rhinella ceratophrys</i>	Boulenger, 1882; Cochran & Goin, 1970; Fenolio <i>et al.</i> , 2012	Fenolio <i>et al.</i> , 2012	----
<i>Rhinella cerradensis</i>	Maciel <i>et al.</i> , 2007	Maciel <i>et al.</i> , 2007	----
<i>Rhinella chrysophora</i>	McCranie <i>et al.</i> , 1989	McCranie <i>et al.</i> , 1989	McCranie <i>et al.</i> , 1989; Pramuk & Lehr, 2005
<i>Rhinella cristinae</i>	Vélez-Rodríguez & Ruiz-Carranza, 2002	Vélez-Rodríguez & Ruiz-Carranza, 2002	Vélez-Rodríguez & Ruiz-Carranza, 2002
<i>Rhinella crucifer</i>	Baldissera <i>et al.</i> , 2004	Baldissera <i>et al.</i> , 2004	Mendelson, 1997c
<i>Rhinella diptycha</i>	----	Cope, 1862a	----
<i>Rhinella dorbignyi</i>	MOP pers. obs.; Boulenger, 1882; Cei, 1980; Narvaes & Rodrigues, 2009	MOP pers. obs.	----

<i>Rhinella fernandezae</i>	MOP pers. obs.; Cei, 1980; Narvaes & Rodrigues, 2009	MOP pers. obs.	----
<i>Rhinella fissipes</i>	Boulenger, 1903b, Gallardo, 1967	----	----
<i>Rhinella gallardoi</i>	Carrizo, 1992	Carrizo, 1992	----
<i>Rhinella gildae</i>	Vaz-Silva <i>et al.</i> , 2015	Vaz-Silva <i>et al.</i> , 2015	----
<i>Rhinella gnustae</i>	Gallardo, 1967; Cei, 1980	Gallardo, 1967; Cei, 1980	----
<i>Rhinella henseli</i>	Baldissera <i>et al.</i> , 2004	Baldissera <i>et al.</i> , 2004	----
<i>Rhinella hoogmoedi</i>	Caramaschi & Pombal, 2006	Caramaschi & Pombal, 2006	----
<i>Rhinella inca</i>	Gallardo, 1967	Gallardo, 1967	----
<i>Rhinella inopina</i>	Vaz-Silva <i>et al.</i> , 2012	Vaz-Silva <i>et al.</i> , 2012	----
<i>Rhinella iserni</i>	Jimenez de la Espada, 1875	Jimenez de la Espada, 1875	Jimenez de la Espada, 1875
<i>Rhinella jimi</i>	Stevaux, 2002	Stevaux, 2002	----
<i>Rhinella justiniano</i>	Harvey & Smith, 1994	----	----
<i>Rhinella leptoscelis</i>	Vellard, 1959; Gallardo, 1967; Padial <i>et al.</i> , 2009	Vellard, 1959; Gallardo, 1967; Padial <i>et al.</i> , 2009	----
<i>Rhinella lescurei</i>	Fouquet <i>et al.</i> , 2007	Fouquet <i>et al.</i> , 2007	----
<i>Rhinella lindae</i>	Rivero & Castaño, 1990	Rivero & Castaño, 1990	Rivero & Castaño, 1990
<i>Rhinella magnussoni</i>	Lima <i>et al.</i> , 2007	Lima <i>et al.</i> , 2007	----
<i>Rhinella major</i>	MOP pers. obs.; Cei, 1980; Narvaes & Rodrigues, 2009	MOP pers. obs.; Pramuk, 2006	Pramuk, 2006
<i>Rhinella martyi</i>	Fouquet <i>et al.</i> , 2007	Fouquet <i>et al.</i> , 2007	----
<i>Rhinella merianae</i>	Narvaes & Rodrigues, 2009	Narvaes & Rodrigues, 2009	MCW pers. obs.
<i>Rhinella mirandaribeiroi</i>	Narvaes & Rodrigues, 2009	Pramuk, 2006	Pramuk, 2006
<i>Rhinella multiverrucosa</i>	Lehr <i>et al.</i> , 2005	Lehr <i>et al.</i> , 2005	Lehr <i>et al.</i> , 2005; Pramuk, 2006
<i>Rhinella nattereri</i>	Narvaes & Rodrigues, 2009	Narvaes & Rodrigues, 2009	----
<i>Rhinella nicefori</i>	Cochran & Goin, 1970; Trueb, 1971	Trueb, 1971	Trueb, 1971, 1973
<i>Rhinella paraguas</i>	Grant & Bolivar-G, 2014	Grant & Bolivar-G, 2014	Grant & Bolivar-G, 2014
<i>Rhinella paraguayensis</i>	Avila <i>et al.</i> , 2010	Avila <i>et al.</i> , 2010	----
<i>Rhinella proboscidea</i>	Jimenez de la Espada, 1875	Jimenez de la Espada, 1875	Jimenez de la Espada, 1875
<i>Rhinella pygmaea</i>	Narvaes & Rodrigues, 2009	Narvaes & Rodrigues, 2009	Mendelson, 1997c

<i>Rhinella quechua</i>	Gallardo, 1961; Harvey & Smith, 1993	----	----
<i>Rhinella roqueana</i>	Melin, 1941	----	----
<i>Rhinella rubescens</i>	Cei, 1980	Pramuk, 2006	Pramuk, 2006
<i>Rhinella rubropunctata</i>	Vellard, 1959; Gallardo, 1962a, Cei, 1980	Pramuk, 2006	Pramuk, 2006
<i>Rhinella ruizi</i>	Grant, 2000	Grant, 2000	Grant, 2000
<i>Rhinella rumbolli</i>	Carrizo, 1992	Carrizo, 1992	----
<i>Rhinella scitula</i>	Caramaschi & Niemeyer, 2003; Avila <i>et al.</i> , 2010	----	----
<i>Rhinella sclerocephala</i>	Mijares-Urrutia & Arends, 2001	Mijares-Urrutia & Arends, 2001	----
<i>Rhinella sebbeni</i>	Vaz Silva <i>et al.</i> , 2015	Vaz Silva <i>et al.</i> , 2015	----
<i>Rhinella stanlaui</i>	Lötters & Köhler, 2000	Lötters & Köhler, 2000	Lötters & Köhler, 2000
<i>Rhinella sternosignata</i>	Boulenger, 1882; Cochran & Goin, 1970; La Marca & Mijares-Urrutia, 1996	La Marca & Mijares-Urrutia, 1996; Vélez-Rodríguez, 2005	Vélez-Rodríguez, 2005
<i>Rhinella tacana</i>	Padial <i>et al.</i> , 2006	Padial <i>et al.</i> , 2006	
<i>Rhinella tenrec</i>	Lynch & Renjifo, 1990	Lynch & Renjifo, 1990	Lynch & Renjifo, 1990
<i>Rhinella truebae</i>	Lynch & Renjifo, 1990	----	----
<i>Rhinella veredas</i>	Brandao <i>et al.</i> , 2007	Brandao <i>et al.</i> , 2007	----
<i>Rhinella yanachaga</i>	Lehr <i>et al.</i> , 2007	Lehr <i>et al.</i> , 2007	Lehr <i>et al.</i> , 2007
<i>Rhinella yunga</i>	Moravec <i>et al.</i> , 2014	----	----
<i>Sclerophrys arabica</i>	Stock <i>et al.</i> , 2001	Stock <i>et al.</i> , 2001	----
<i>Sclerophrys asmarae</i>	Tandy <i>et al.</i> , 1982	Tandy <i>et al.</i> , 1982	----
<i>Sclerophrys blanfordii</i>	----	Boulenger, 1882	----
<i>Sclerophrys buchneri</i>	Peters, 1882	Peters, 1882	----
<i>Sclerophrys capensis</i>	MOP pers. obs.; Poynton, 1964; du Preez & Carruthers, 2009	MOP pers. obs.; Poynton, 1964; du Preez & Carruthers, 2009	----
<i>Sclerophrys channingi</i>	Barej <i>et al.</i> , 2011	Barej <i>et al.</i> , 2011	----
<i>Sclerophrys chudeaui</i>	Chabanaud, 1919	Chabanaud, 1919	----
<i>Sclerophrys cristiglans</i>	Inger & Menzies, 1961	Inger & Menzies, 1961	----

<i>Sclerophrys danielae</i>	Perret, 1977	Perret, 1977	----
<i>Sclerophrys dodsoni</i>	Boulenger, 1895	Boulenger, 1895	----
<i>Sclerophrys fuliginata</i>	Poynton & Broadley, 1988	Poynton & Broadley, 1988	----
<i>Sclerophrys funerea</i>	----	----	Mendelson, 1997c
<i>Sclerophrys kassasii</i>	Baha El Din, 1993	Baha El Din, 1993	----
<i>Sclerophrys kerinyagae</i>	Keith, 1968	Keith, 1968	----
<i>Sclerophrys pentoni</i>	----	Anderson, 1893	----
<i>Sclerophrys perreti</i>	Onadeko <i>et al.</i> , 2014	Onadeko <i>et al.</i> , 2014	----
<i>Sclerophrys reesi</i>	Poynton, 1977; Harper <i>et al.</i> , 2010	Poynton, 1977	----
<i>Sclerophrys superciliaris</i>	Perret & Amiet, 1971; Barej <i>et al.</i> , 2011	Perret & Amiet, 1971; Barej <i>et al.</i> , 2011	----
<i>Sclerophrys taiensis</i>	Rödel & Ernst, 2000	Rödel & Ernst, 2000	----
<i>Sclerophrys urunguensis</i>	Loveridge, 1932; Poynton & Broadley, 1988; Poynton <i>et al.</i> , 2005	Poynton & Broadley, 1988	----
<i>Sclerophrys vittata</i>	Loveridge, 1932	Loveridge, 1932	----
<i>Truebella skoptes</i>	Graybeal & Cannatella, 1995	Graybeal & Cannatella, 1995	Graybeal & Cannatella, 1995; Pramuk, 2006
<i>Truebella tothastes</i>	Graybeal & Cannatella, 1995	Graybeal & Cannatella, 1995	Graybeal & Cannatella, 1995; Pramuk, 2006
<i>Werneria iboundji</i>	Rödel <i>et al.</i> , 2004	----	----
<i>Werneria preussi</i>	Perret & Amiet, 1971; Tandy & Keith, 1972; Rödel <i>et al.</i> , 2004	Perret & Amiet, 1971; Tandy & Keith, 1972	Grandison, 1978; Perret & Amiet., 1971
<i>Werneria submontana</i>	Rödel <i>et al.</i> , 2004	----	----
<i>Wolterstorffina mirei</i>	Perret, 1972; Boistel & Amiet, 2001	Perret, 1972	Perret, 1972; Grandison, 1978, 1981
<i>Xanthophryne tigerina</i>	Biju <i>et al.</i> , 2009	Biju <i>et al.</i> , 2009	----

Anura included in Pyron (2014)				
Family	Species	Tympanic membrane	Tympanic annulus	Columella
Allophrynidae	<i>Allophryne ruthveni</i>	Kok & Kalamandeen, 2008	Kok & Kalamandeen, 2008	Fabrezi & Langone, 2000
Alsodidae	<i>Alsodes barrioi</i>	Veloso <i>et al.</i> , 1981	Veloso <i>et al.</i> , 1981	Veloso <i>et al.</i> , 1981
	<i>Alsodes coppingeri</i>	Grandison, 1961; Formas <i>et al.</i> , 2008	Grandison, 1961; Formas <i>et al.</i> , 2008	Grandison, 1961; Formas <i>et al.</i> , 2008
	<i>Alsodes gargola</i>	MOP pers. obs.	MOP pers. obs.	MOP pers. obs.
	<i>Alsodes nodosus</i>	Grandison, 1961; Penna <i>et al.</i> , 1983	Grandison, 1961; Penna <i>et al.</i> , 1983	Grandison, 1961; Penna <i>et al.</i> , 1983
	<i>Alsodes pehuenche</i>	----	----	Lynch, 1978
	<i>Alsodes tumultuosus</i>	Penna <i>et al.</i> , 1983	Penna <i>et al.</i> , 1983	Penna <i>et al.</i> , 1983
	<i>Alsodes valdiviensis</i>	Formas <i>et al.</i> , 2002	Formas <i>et al.</i> , 2002	Formas <i>et al.</i> , 2002
	<i>Alsodes vanzolinii</i>	----	----	Lynch, 1978
	<i>Eupsophus calcaratus</i>	----	----	Lynch, 1971
	<i>Eupsophus contulmoensis</i>	Ortiz <i>et al.</i> , 1989	----	----
	<i>Eupsophus emiliopugini</i>	----	Formas, 1989	----
	<i>Eupsophus roseus</i>	Grandison, 1961	Grandison, 1961	Grandison, 1961; Lynch, 1971; BLB pers. obs.
	<i>Eupsophus septentrionalis</i>	Ibarra-Vidal <i>et al.</i> , 2004	-----	Ibarra-Vidal <i>et al.</i> , 2004
	<i>Eupsophus vertebralis</i>	Grandison, 1961	Grandison, 1961	Grandison, 1961
	<i>Limnomedusa macroglossa</i>	DB pers. obs.	DB pers. obs.; Boulenger, 1882	Lynch, 1971
Alytidae	<i>Alytes cisternasii</i>	----	Boulenger, 1882	----
	<i>Alytes obstetricans</i>	Wever, 1985	Wever, 1985; Boulenger, 1882	Wever, 1985
	<i>Discoglossus montalentii</i>	----	Lanza <i>et al.</i> , 1984	----
	<i>Discoglossus pictus</i>	Beukema <i>et al.</i> , 2013	Smirnov, 1991; Beukema <i>et al.</i> , 2013	Smirnov, 1991
	<i>Discoglossus sardus</i>	----	Lanza <i>et al.</i> , 1984	Maglia, 1998
	<i>Discoglossus scovazzi</i>	----	Lanza <i>et al.</i> , 1984	----

Aromobatidae	<i>Allobates brunneus</i>	Lima <i>et al.</i> , 2009	Lima <i>et al.</i> , 2009	TG pers. obs.
	<i>Allobates femoralis</i>	----	TG pers. obs.	TG pers. obs.
	<i>Allobates granti</i>	----	Kok <i>et al.</i> , 2006	----
	<i>Allobates insperatus</i>	----	TG pers. obs.	TG pers. obs.
	<i>Allobates juanii</i>	----	TG pers. obs.	TG pers. obs.
	<i>Allobates kingsburyi</i>	----	TG pers. obs.	TG pers. obs.
	<i>Allobates talamancae</i>	Savage, 2002	Savage, 2002; TG pers. obs.	TG pers. obs.
	<i>Allobates undulatus</i>	----	----	TG pers. obs.
	<i>Anomaloglossus baebatrachus</i>	Boistel & de Massary, 1999	Boistel & de Massary, 1999	----
	<i>Anomaloglossus beebei</i>	----	TG pers. obs.	----
	<i>Anomaloglossus kaiei</i>	Kok & Kalamandeen, 2008	Kok & Kalamandeen, 2008	----
	<i>Aromobates nocturnus</i>	----	TG pers. obs.	Myers <i>et al.</i> , 1991; TG pers. obs.
	<i>Mannophryne collaris</i>	----	TG pers. obs.	TG pers. obs.
	<i>Mannophryne herminae</i>	Nussbaum & Wu, 2007	Nussbaum & Wu, 2007; TG pers. obs.	Nussbaum & Wu, 2007; TG pers. obs.
	<i>Mannophryne trinitatis</i>	----	TG pers. obs.	TG pers. obs.
	<i>Rheobates palmatus</i>	----	TG pers. obs.	----
Arthroleptidae	<i>Arthroleptis adolfifriederici</i>	----	-----	Laurent, 1940
	<i>Arthroleptis affinis</i>	Spawls <i>et al.</i> , 2006	Spawls <i>et al.</i> , 2006	----
	<i>Arthroleptis poecilonotus</i>	----	Boulenger, 1882	Laurent, 1940
	<i>Arthroleptis reichi</i>	----	-----	Laurent, 1940
	<i>Arthroleptis schubotzi</i>	----	-----	Laurent, 1940
	<i>Arthroleptis stenodactylus</i>	Scott, 2005; Spawls <i>et al.</i> , 2006; Nussbaum & Wu, 2007; du Preez & Carruthers, 2009	Scott, 2005; Nussbaum & Wu, 2007; du Preez & Carruthers, 2009	Laurent, 1940; Scott, 2005; Nussbaum & Wu, 2007
	<i>Arthroleptis taeniatus</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Arthroleptis tanneri</i>	Spawls <i>et al.</i> , 2006	Spawls <i>et al.</i> , 2006	----
	<i>Arthroleptis variabilis</i>	Scott, 2005	Scott, 2005	Laurent 1940; Scott, 2005

Aromobatidae (cont.)	<i>Arthroleptis wahlbergii</i>	----	Boulenger, 1882	----
	<i>Arthroleptis xenodactyloides</i>	du Preez & Carruthers, 2009	du Preez & Carruthers, 2009	Laurent, 1940
	<i>Astylosternus batesii</i>	Boulenger, 1900c	Boulenger, 1900c	----
	<i>Astylosternus diadematus</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Cardioglossa gracilis</i>	Scott, 2005	Scott, 2005	Laurent 1940; Scott, 2005
	<i>Cardioglossa leucomystax</i>	Boulenger, 1903a	Boulenger, 1903a	----
	<i>Cardioglossa manengouba</i>	Blackburn, 2008	Blackburn, 2008	----
	<i>Cardioglossa oreas</i>	Blackburn, 2008	Blackburn, 2008	----
	<i>Leptodactylodon bicolor</i>	Amiet, 1980	----	----
	<i>Leptopelis argenteus</i>	----	Spawls <i>et al.</i> , 2006	----
	<i>Leptopelis bocagii</i>	du Preez & Carruthers, 2009	Drewes, 1984; du Preez & Carruthers, 2009	Laurent, 1941b
	<i>Leptopelis calcaratus</i>	----	Laurent, 1941b	Laurent, 1941b
	<i>Leptopelis kivuensis</i>	Spawls <i>et al.</i> , 2006	Spawls <i>et al.</i> , 2006	----
	<i>Leptopelis millsoni</i>	----	Laurent, 1941b	Laurent, 1941b
	<i>Leptopelis vermiculatus</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Nyctibates corrugatus</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Scotobleps gabonicus</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Trichobatrachus robustus</i>	Scott, 2005	Scott, 2005	Scott, 2005
Ascaphidae	<i>Ascaphus truei</i>	Wever, 1985	Wever, 1985	Wever, 1985
Batrachylidae	<i>Atelognathus patagonicus</i>	----	----	Lynch, 1971; BLB pers. obs.
	<i>Atelognathus salai</i>	----	----	Meriggio <i>et al.</i> , 2004
	<i>Batrachyla leptopus</i>	BLB pers. obs.	BLB pers. obs.	Lynch, 1971, 1978; BLB pers. obs.
	<i>Batrachyla taeniata</i>	----	----	Lynch, 1971
	<i>Hylorina sylvatica</i>	BLB pers. obs.	Boulenger, 1882; BLB pers. obs.	Lynch, 1971; BLB pers. obs.

Bombinatoridae	<i>Barbourula busuangensis</i>	Lynch, 1973; Laurent, 1986	----	Lynch, 1973; Laurent, 1986
	<i>Bombina bombina</i>	Wever, 1985	Wever, 1985	Parker, 1881; Stadtmüller, 1931; Wever, 1985; Smirnov, 1991
	<i>Bombina maxima</i>	----	----	Stadtmüller, 1931
	<i>Bombina orientalis</i>	Wever, 1985	Wever, 1985	Hetherington & Lindquist, 1999; Smirnov, 1991; Wever, 1985; Maglia, 1998
	<i>Bombina pachypus</i>	----	----	Stadtmüller, 1931
	<i>Bombina variegata</i>	Wever, 1985	Wever, 1985	Wever, 1985
Brachycephalidae	<i>Brachycephalus alipioi</i>	Pombal & Gasparini, 2006	Pombal & Gasparini, 2006	----
	<i>Brachycephalus brunneus</i>	Nussbaum & Wu, 2007; da Silva <i>et al.</i> , 2007	Nussbaum & Wu, 2007; da Silva <i>et al.</i> , 2007	Nussbaum & Wu, 2007; da Silva <i>et al.</i> , 2007
	<i>Brachycephalus didactylus</i>	da Silva <i>et al.</i> , 2007	da Silva <i>et al.</i> , 2007	da Silva <i>et al.</i> , 2007
	<i>Brachycephalus ephippium</i>	da Silva <i>et al.</i> , 2007; Haddad <i>et al.</i> , 2010	da Silva <i>et al.</i> , 2007; Haddad <i>et al.</i> , 2010	da Silva <i>et al.</i> , 2007; Haddad <i>et al.</i> , 2010
	<i>Brachycephalus ferruginus</i>	Alves <i>et al.</i> , 2006	Alves <i>et al.</i> , 2006	Alves <i>et al.</i> , 2006
	<i>Brachycephalus hermogenesi</i>	Haddad <i>et al.</i> , 2010; Giaretta & Sawaya, 1998	Haddad <i>et al.</i> , 2010; Giaretta & Sawaya, 1998	Haddad <i>et al.</i> , 2010; Giaretta & Sawaya, 1998; da Silva <i>et al.</i> , 2007
	<i>Brachycephalus izeckshoni</i>	Haddad <i>et al.</i> , 2010; Ribeiro <i>et al.</i> , 2005	Haddad <i>et al.</i> , 2010; Ribeiro <i>et al.</i> , 2005	Haddad <i>et al.</i> , 2010; Ribeiro <i>et al.</i> , 2005
	<i>Brachycephalus nodoterga</i>	da Silva <i>et al.</i> , 2007; Haddad <i>et al.</i> , 2010	da Silva <i>et al.</i> , 2007	da Silva <i>et al.</i> , 2007
	<i>Brachycephalus pernix</i>	da Silva <i>et al.</i> , 2007; Haddad <i>et al.</i> , 2010	Haddad <i>et al.</i> , 2010; da Silva <i>et al.</i> , 2007	Haddad <i>et al.</i> , 2010; da Silva <i>et al.</i> , 2007
	<i>Brachycephalus pitanga</i>	Alves <i>et al.</i> , 2009	Alves <i>et al.</i> , 2009	----
	<i>Brachycephalus pombali</i>	Alves <i>et al.</i> , 2006	Alves <i>et al.</i> , 2006	Alves <i>et al.</i> , 2006
	<i>Brachycephalus vertebralis</i>	da Silva <i>et al.</i> , 2007; Pombal, 2001	da Silva <i>et al.</i> , 2007	da Silva <i>et al.</i> , 2007
	<i>Ischnocnema bolbodactyla</i>	Cochran, 1955	Cochran, 1955	----
	<i>Ischnocnema erythromera</i>	Heyer, 1984	Heyer, 1984	----

Brachycephalidae (cont.)	<i>Ischnocnema guentheri</i>	Heyer <i>et al.</i> , 1990	Heyer <i>et al.</i> , 1990; Lynch, 1971	Lynch, 1971
	<i>Ischnocnema hoehnei</i>	Heyer <i>et al.</i> , 1990	Heyer <i>et al.</i> , 1990	----
	<i>Ischnocnema holti</i>	Targino & Carvalho-e-Silva, 2008	Targino & Carvalho-e-Silva, 2008	----
	<i>Ischnocnema izecksohni</i>	Caramaschi & Kisteumacher, 1989	Caramaschi & Kisteumacher, 1989	----
	<i>Ischnocnema juipoca</i>	Haddad <i>et al.</i> , 2013	Haddad <i>et al.</i> , 2013	----
	<i>Ischnocnema lactea</i>	Miranda-Ribeiro, 1926	Miranda-Ribeiro, 1926	----
	<i>Ischnocnema nasuta</i>	Haddad <i>et al.</i> , 2013	Haddad <i>et al.</i> , 2013	Lynch, 1971
	<i>Ischnocnema octavioi</i>	Vrcibradic <i>et al.</i> , 2008	Vrcibradic <i>et al.</i> , 2008	Lynch, 1971
	<i>Ischnocnema oea</i>	Heyer, 1984	Heyer, 1984	----
	<i>Ischnocnema parva</i>	Nussbaum & Wu, 2007; Heyer <i>et al.</i> , 1990	Nussbaum & Wu, 2007; Heyer <i>et al.</i> , 1990	Lynch, 1971; Nussbaum & Wu, 2007
	<i>Ischnocnema sambaqui</i>	Castanho & Haddad, 2000	Castanho & Haddad, 2000	----
	<i>Ischnocnema spanios</i>	Heyer, 1985	----	----
	<i>Ischnocnema venancioi</i>	Lutz, 1958	Lutz, 1958	Lynch, 1971
	<i>Ischnocnema verrucosa</i>	Lynch, 1972	Lynch, 1972	----
Brevicipitidae	<i>Balebreviceps hillmani</i>	Largen & Drewes, 1989	Largen & Drewes, 1989	Largen & Drewes, 1989
	<i>Breviceps fuscus</i>	du Preez & Carruthers, 2009	----	----
	<i>Breviceps mossambicus</i>	Scott, 2005	Parker, 1934; Scott, 2005	Parker, 1934; Scott, 2005
	<i>Callulina krefftii</i>	----	Parker, 1934	Parker, 1934
	<i>Probreviceps loveridgei</i>	Harper <i>et al.</i> , 2010	Harper <i>et al.</i> , 2010; Parker, 1934	Parker, 1934
	<i>Probreviceps macrodactylus</i>	Harper <i>et al.</i> , 2010	Harper <i>et al.</i> , 2010; Parker, 1934	Parker, 1934
	<i>Probreviceps rungwensis</i>	Harper <i>et al.</i> , 2010	Harper <i>et al.</i> , 2010; Parker, 1934	Parker, 1934
	<i>Probreviceps uluguruensis</i>	Harper <i>et al.</i> , 2010	Harper <i>et al.</i> , 2010; Parker, 1934	Parker, 1934
	<i>Spelaeophryne methneri</i>	----	Harper <i>et al.</i> , 2010; Parker, 1934	Parker, 1934

Calyptocephalellidae	<i>Calyptocephalella gayi</i>	----	Parker, 1881; Boulenger, 1882	Lynch, 1971, 1978; Parker, 1881
	<i>Telmatobufo bullocki</i>	Formas <i>et al.</i> , 2001	Formas <i>et al.</i> , 2001	Lynch, 1971; Formas <i>et al.</i> , 2001
	<i>Telmatobufo venustus</i>	Formas <i>et al.</i> , 2001	Formas <i>et al.</i> , 2001	Lynch, 1978; Formas <i>et al.</i> , 2001
Centrolenidae	<i>Celsiella revocata</i>	----	Guayasamin <i>et al.</i> , 2009	----
	<i>Celsiella vozmedianoi</i>	----	Ayarzagüena & Señaris, 1997; Guayasamin <i>et al.</i> , 2009	----
	<i>Centrolene altitudinale</i>	Guayasamin <i>et al.</i> , 2006	Guayasamin <i>et al.</i> , 2006	----
	<i>Centrolene bacatum</i>	Guayasamin <i>et al.</i> , 2006	Guayasamin <i>et al.</i> , 2006	----
	<i>Centrolene ballux</i>	----	Duellman & Burrowes, 1989	----
	<i>Centrolene buckleyi</i>	Guayasamin <i>et al.</i> , 2006	Boulenger, 1882; Lynch & Renjifo, 2001; Guayasamin <i>et al.</i> , 2006	----
	<i>Centrolene condor</i>	Cisneros-Heredia & Morales-Mite, 2008	Cisneros-Heredia & Morales-Mite, 2008	----
	<i>Centrolene daidaleum</i>	Guayasamin <i>et al.</i> , 2009	Guayasamin <i>et al.</i> , 2009	----
	<i>Centrolene geckoideum</i>	Rueda-Almonacid, 1994; Lynch & Renjifo, 2001	Boulenger, 1882; Rueda-Almonacid, 1994; Lynch & Renjifo, 2001	Rueda-Almonacid, 1994
	<i>Centrolene heloderma</i>	----	Duellman, 1981	----
	<i>Centrolene peristictum</i>	Lynch & Duellman, 1973	Lynch & Duellman, 1973	----
	<i>Centrolene pipilatum</i>	Lynch & Duellman, 1973	Lynch & Duellman, 1973	----
	<i>Centrolene venezuelense</i>	----	Rivero, 1968b	----
	<i>Cochranella euknemos</i>	Wever, 1985	Wever, 1985	Wever, 1985
	<i>Cochranella litoralis</i>	----	Ruiz-Carranza & Lynch, 1996	----
	<i>Cochranella nola</i>	----	Guayasamin <i>et al.</i> , 2009	----
	<i>Espadarana andina</i>	Ruiz-Carranza & Lynch, 1995	Ruiz-Carranza & Lynch, 1995; Lynch & Renjifo, 2001	----
	<i>Espadarana callistomma</i>	Guayasamin & Trueb, 2007	Guayasamin & Trueb, 2007	Guayasamin & Trueb, 2007

Centrolenidae (cont.)	<i>Espadarana prosoblepon</i>	MOP pers. obs.; Ruiz-Carranza & Lynch, 1995	MOP pers. obs.; Ruiz-Carranza & Lynch, 1995	----
	<i>Hyalinobatrachium aureoguttatum</i>	Barrera-Rodríguez, 1999	Barrera-Rodríguez, 1999; Cisneros & McDiarmid, 2007	Barrera-Rodríguez, 1999
	<i>Hyalinobatrachium bergeri</i>	Cannatella, 1980	Cannatella, 1980	----
	<i>Hyalinobatrachium colymbiphyllum</i>	Savage, 2002	Barrera-Rodríguez, 1999; Savage, 2002	Barrera-Rodríguez, 1999
	<i>Hyalinobatrachium eccentricum</i>	----	Cisneros & McDiarmid, 2007	----
	<i>Hyalinobatrachium fleischmanni</i>	Wever, 1985 present, Savage, 2002 absent	Wever, 1985	Wever, 1985
	<i>Hyalinobatrachium iaspidiense</i>	Castroviejo-Fisher <i>et al.</i> , 2011	Castroviejo-Fisher <i>et al.</i> , 2011	----
	<i>Hyalinobatrachium ibama</i>	----	Ruiz-Carranza & Lynch, 1998	----
	<i>Hyalinobatrachium igniocus</i>	----	Guayasamin <i>et al.</i> , 2009	----
	<i>Hyalinobatrachium mondolfii</i>	Castroviejo-Fisher <i>et al.</i> , 2011	Castroviejo-Fisher <i>et al.</i> , 2011	----
	<i>Hyalinobatrachium munozorum</i>	Lynch & Duellman, 1973	Lynch & Duellman, 1973	----
	<i>Hyalinobatrachium orocostale</i>	Rivero, 1968b; Castroviejo-Fisher <i>et al.</i> , 2011	Castroviejo-Fisher <i>et al.</i> , 2011	----
	<i>Hyalinobatrachium talamancae</i>	Savage, 2002	Savage, 2002	----
	<i>Hyalinobatrachium taylori</i>	Castroviejo-Fisher <i>et al.</i> , 2011	Castroviejo-Fisher <i>et al.</i> , 2011	----
	<i>Ikakogi tayrona</i>	Ruiz-Carranza & Lynch, 1991	Ruiz-Carranza & Lynch, 1991; Cisneros & McDiarmid, 2007	Ruiz-Carranza & Lynch, 1991
	<i>Nymphargus bejaranoi</i>	Cannatella, 1980	Cannatella, 1980	----
	<i>Nymphargus cochranae</i>	Lynch & Duellman, 1973	Lynch & Duellman, 1973	----
	<i>Nymphargus grandisonae</i>	----	Lynch & Duellman, 1973; Cisneros & McDiarmid, 2007	----
	<i>Nymphargus griffithsi</i>	----	Lynch & Duellman, 1973	----

Centrolenidae (cont.)	<i>Nymphargus megacheirus</i>	----	Lynch & Duellman, 1973	----
	<i>Nymphargus posadae</i>	Guayasamin <i>et al.</i> , 2006	Guayasamin <i>et al.</i> , 2006	----
	<i>Nymphargus siren</i>	Lynch & Duellman, 1973	Lynch & Duellman, 1973; Cisneros & McDiarmid, 2007	----
	<i>Nymphargus wileyi</i>	Guayasamin <i>et al.</i> , 2006	Guayasamin <i>et al.</i> , 2006	----
	<i>Rulyrana adiazeta</i>	----	Guayasamin <i>et al.</i> , 2009	----
	<i>Rulyrana flavopunctata</i>	----	Lynch & Duellman, 1973	----
	<i>Sachatamia albomaculata</i>	Savage, 2002	Savage, 2002	----
	<i>Sachatamia ilex</i>	Savage, 2002	Savage, 2002	----
	<i>Teratohyla midas</i>	Lynch & Duellman, 1973	Lynch & Duellman, 1973; Beirne & Witworth, 2011	----
	<i>Teratohyla pulverata</i>	Savage, 2002	Boulenger, 1882; Savage, 2002	----
	<i>Vitreorana antisthenesi</i>	Rivero, 1968b	Rivero, 1968b	----
	<i>Vitreorana gorzulae</i>	Kok & Kalamandeen, 2008	Kok & Kalamandeen, 2008	----
	<i>Vitreorana ritae</i>	Lima <i>et al.</i> , 2006	Lima <i>et al.</i> , 2006	----
	<i>Vitreorana uranoscopa</i>	DB pers. obs.; Wever, 1985	DB pers. obs.; Wever, 1985	Wever, 1985
Ceratobatrachidae	<i>Alcalus baluensis</i>	----	Inger, 1966	----
	<i>Cornufer guentheri</i>	----	Fuiten, 2012	Laurent, 1943b, Fuiten, 2012
	<i>Cornufer guppyi</i>	----	Fuiten, 2012	Fuiten, 2012
	<i>Cornufer papuensis</i>	Menzies, 2006	Menzies, 2006	----
	<i>Cornufer vertebralis</i>	Scott, 2005	Scott, 2005 Fuiten, 2012	Scott, 2005 Fuiten, 2012
	<i>Platymantis corrugatus</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Platymantis dorsalis</i>	----	Fuiten, 2012	Fuiten, 2012
	<i>Platymantis hazelae</i>	----	Fuiten, 2012 Inger, 1954	Fuiten, 2012
Ceratophryidae	<i>Ceratophrys cornuta</i>	Lima <i>et al.</i> , 2006	Boulenger, 1882; Lima <i>et al.</i> , 2006	----
	<i>Ceratophrys ornata</i>	DB pers. obs.	DB pers. obs.	Lynch, 1971
	<i>Chacophrys pierottii</i>	DB pers. obs.	DB pers. obs.	Wild, 1999
	<i>Lepidobatrachus laevis</i>	MOP pers. obs.	MOP pers. obs.	MOP pers. obs.

Conrauidae	<i>Conraua crassipes</i>	Boulenger, 1882; Scott, 2005	Scott, 2005	Scott, 2005
	<i>Conraua goliath</i>	----	Scott, 2005	Scott, 2005
Craugastoridae	<i>Barycholos pulcher</i>	Heyer, 1969	Heyer, 1969	Heyer, 1969; Lynch, 1971
	<i>Bryophryne cophites</i>	Lynch, 1975b	Lynch, 1975b	Lynch, 1975b
	<i>Ceuthomantis smaragdinus</i>	Heinicke <i>et al.</i> , 2009	Heinicke <i>et al.</i> , 2009	Heinicke <i>et al.</i> , 2009
	<i>Craugastor alfredi</i>	Boulenger, 1898	Boulenger, 1898	----
	<i>Craugastor andi</i>	Savage, 2002	Savage, 2002	----
	<i>Craugastor angelicus</i>	Savage, 1975	Savage, 1975	----
	<i>Craugastor augusti</i>	Zweifel, 1956b	Zweifel, 1956b	Lynch, 1971
	<i>Craugastor bocourti</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Craugastor bransfordii</i>	Savage, 2002	Savage, 2002	----
	<i>Craugastor crassidigitus</i>	Lynch & Myers, 1983	Lynch & Myers, 1983	----
	<i>Craugastor cuaquero</i>	Savage, 2002	Savage, 2002	----
	<i>Craugastor daryi</i>	Ford & Savage, 1984	Ford & Savage, 1984	----
	<i>Craugastor emcelae</i>	Lynch, 1985	Lynch, 1985	----
	<i>Craugastor fitzingeri</i>	Lynch & Myers, 1983	Lynch & Myers, 1983	Lynch, 1971
	<i>Craugastor fleischmanni</i>	Campbell & Savage, 2000	Campbell & Savage, 2000	----
	<i>Craugastor laticeps</i>	Savage, 1987	Savage, 1987	----
	<i>Craugastor lineatus</i>	Savage, 1987	Savage, 1987	----
	<i>Craugastor loki</i>	Lynch, 2000	Lynch, 2000	----
	<i>Craugastor longirostris</i>	Wever, 1985; Lynch & Myers, 1983	Wever, 1985; Lynch & Myers, 1983	Wever, 1985
	<i>Craugastor megacephalus</i>	Savage & Myers, 2002	Savage & Myers, 2002	----
	<i>Craugastor melanostictus</i>	Savage & DeWeese, 1981	Savage & DeWeese, 1981	----
	<i>Craugastor mexicanus</i>	Lynch, 2000	Lynch, 2000	----
	<i>Craugastor montanus</i>	Taylor, 1942	Taylor, 1942	----
	<i>Craugastor obesus</i>	Campbell & Savage, 2000	Campbell & Savage, 2000	----
	<i>Craugastor podiciferus</i>	Savage, 2002	Savage, 2002	Lynch, 1971
	<i>Craugastor punctariolus</i>	Campbell & Savage, 2000	Campbell & Savage, 2000	----

Craugastoridae (cont.)	<i>Craugastor pygmaeus</i>	Taylor, 1937 “1936”	Taylor, 1937 “1936”	----
	<i>Craugastor raniformis</i>	Lynch & Myers, 1983	Lynch & Myers, 1983	----
	<i>Craugastor ranoides</i>	Campbell & Savage, 2000	Campbell & Savage, 2000	----
	<i>Craugastor rhodopis</i>	Lynch, 2000	Lynch, 2000	Lynch, 1971
	<i>Craugastor rugulosus</i>	Campbell & Savage, 2000	Campbell & Savage, 2000	----
	<i>Craugastor rupinius</i>	Campbell & Savage, 2000	Campbell & Savage, 2000	----
	<i>Craugastor sandersoni</i>	Campbell & Savage, 2000	Campbell & Savage, 2000	----
	<i>Craugastor spatulatus</i>	Smith, 1939	Smith, 1939	----
	<i>Craugastor stuarti</i>	Lynch, 1965b	Lynch, 1965b	----
	<i>Craugastor tabasarae</i>	Savage <i>et al.</i> , 2004	Savage <i>et al.</i> , 2004	----
	<i>Craugastor talamancae</i>	Savage, 2002	Savage, 2002	----
	<i>Craugastor tarahumaraensis</i>	Taylor, 1940a	Taylor, 1940a	----
	<i>Craugastor uno</i>	Streicher <i>et al.</i> , 2011	Streicher <i>et al.</i> , 2011	----
	<i>Euparkerella brasiliensis</i>	Izecksohn & de Carvalho-e-Silva, 2001	Izecksohn & de Carvalho-e-Silva, 2001	Lynch, 1971
	<i>Haddadus binotatus</i>	MOP pers. obs.	MOP pers. obs.	Lynch, 1971
	<i>Holoaden bradei</i>	Hedges <i>et al.</i> , 2008; Lutz, 1958	Hedges <i>et al.</i> , 2008;	Lynch, 1971
	<i>Holoaden luederwaldti</i>	Hedges <i>et al.</i> , 2008; Miranda-Ribeiro, 1920	Hedges <i>et al.</i> , 2008	----
	<i>Hypodactylus brunneus</i>	Lynch, 1975b	Lynch, 1975b	----
	<i>Hypodactylus dolops</i>	Lynch & Duellman, 1980	Lynch & Duellman, 1980	Lynch, 1989
	<i>Hypodactylus elassodiscus</i>	Lynch, 1973	Lynch, 1973	----
	<i>Hypodactylus peraccai</i>	Lynch, 1975b	Lynch, 1975b	----
	<i>Lynchiuss flavomaculatus</i>	Parker, 1938	Lynch, 1975b	Lynch, 1971
	<i>Lynchiuss nebulanastes</i>	Cannatella, 1984	Cannatella, 1984	Cannatella, 1984
	<i>Lynchiuss parkeri</i>	Lynch, 1975b	Lynch, 1975b	----
	<i>Lynchiuss simmonsii</i>	Lynch, 1974b	Lynch, 1974b	----
	<i>Noblella heyeri</i>	Lynch, 1986	Lynch, 1986	Lynch, 1986
	<i>Noblella lochites</i>	Lynch, 1976b	Lynch, 1976b	Lynch, 1976b

Craugastoridae (cont.)	<i>Noblella myrmecoides</i>	Lynch, 1976b	Lynch, 1976b	Lynch, 1976b
	<i>Noblella peruviana</i>	Bokermann, 1975; Noble, 1921	Bokermann, 1975; Noble, 1921	Lynch, 1971
	<i>Oreobates barituensis</i>	Pereyra <i>et al.</i> , 2014; Vaira & Ferrari, 2008	Pereyra <i>et al.</i> , 2014; Vaira & Ferrari, 2008	----
	<i>Oreobates choristolemma</i>	Harvey & Sheehy, 2005	Harvey & Sheehy, 2005	----
	<i>Oreobates cruralis</i>	Boulenger, 1902	Boulenger, 1902	----
	<i>Oreobates discoidalis</i>	Lynch, 1989; Pereyra <i>et al.</i> , 2014	Lynch, 1989; Pereyra <i>et al.</i> , 2014	Lynch, 1989;
	<i>Oreobates granulosus</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Oreobates heterodactylus</i>	Padial & de la Riva, 2005	Padial & de la Riva, 2005	----
	<i>Oreobates ibischi</i>	Reichle <i>et al.</i> , 2001	Reichle <i>et al.</i> , 2001	----
	<i>Oreobates lehri</i>	Padial <i>et al.</i> , 2007	Padial <i>et al.</i> , 2007	----
	<i>Oreobates madidi</i>	Padial <i>et al.</i> , 2005a	Padial <i>et al.</i> , 2005a	----
	<i>Oreobates pereger</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Oreobates quixensis</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	Lynch, 1971
	<i>Oreobates sanctaecrucis</i>	Harvey & Keck, 1995	Harvey & Keck, 1995	----
	<i>Oreobates sanderi</i>	Padial <i>et al.</i> , 2005b	Padial <i>et al.</i> , 2005b	----
	<i>Oreobates saxatilis</i>	Duellman, 1990	Duellman, 1990	----
	<i>Phrynopus barthlenae</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Phrynopus bracki</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Phrynopus bufoides</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Phrynopus horstpauli</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Phrynopus juninensis</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	Lynch, 1971
	<i>Phrynopus kauneorum</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Phrynopus pesantesi</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Phrynopus tautzorum</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Pristimantis acatallelus</i>	Lynch & Ruiz-Carranza, 1983	Lynch & Ruiz-Carranza, 1983	----
	<i>Pristimantis acerus</i>	Lynch & Duellman, 1980	Lynch & Duellman, 1980	----

Craugastoridae (cont.)	<i>Pristimantis achatinus</i>	Lynch & Myers, 1983	Lynch & Myers, 1983	Lynch, 1971
	<i>Pristimantis actites</i>	Lynch, 1979c	Lynch, 1979c	----
	<i>Pristimantis acuminatus</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Pristimantis altae</i>	Savage, 2002	Savage, 2002	----
	<i>Pristimantis altamazonicus</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	Lynch, 1971
	<i>Pristimantis angustilineatus</i>	Lynch, 1998	Lynch, 1998	----
	<i>Pristimantis aniptopalmatus</i>	----	Duellman & Hedges, 2005	----
	<i>Pristimantis appendiculatus</i>	Lynch & Duellman, 1997	Lynch & Duellman, 1997	----
	<i>Pristimantis ardalonychus</i>	Duellman & Pramuk, 1999	Duellman & Pramuk, 1999	----
	<i>Pristimantis bipunctatus</i>	----	Duellman & Hedges, 2005	----
	<i>Pristimantis bogotensis</i>	Avilan & Hoyos, 2006	Avilan & Hoyos, 2006	Lynch, 1971; Avilan & Hoyos, 2006
	<i>Pristimantis brevifrons</i>	Lynch, 1981b	Lynch, 1981b	----
	<i>Pristimantis bromeliaceus</i>	Lynch, 1979b	Lynch, 1979b	----
	<i>Pristimantis buccinator</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Pristimantis buckleyi</i>	Lynch, 1981a	Lynch, 1981a	----
	<i>Pristimantis cajamarcensis</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Pristimantis calcaratus</i>	Lynch, 1996	Ospina-Sarria <i>et al.</i> , 2011	----
	<i>Pristimantis calcarulatus</i>	Lynch & Duellman, 1997	Lynch & Duellman, 1997	----
	<i>Pristimantis caprifer</i>	Lynch & Duellman, 1997	Lynch & Duellman, 1997	----
	<i>Pristimantis caryophyllaceus</i>	Savage, 2002	Savage, 2002	Lynch, 1971
	<i>Pristimantis celator</i>	Lynch, 1976a	Lynch, 1976a	----
	<i>Pristimantis cerasinus</i>	Savage, 1981	----	Lynch, 1971
	<i>Pristimantis ceuthospilus</i>	Duellman & Wild, 1993	Duellman & Wild, 1993	----
	<i>Pristimantis chalceus</i>	Lynch & Duellman, 1997	Lynch & Duellman, 1997	Lynch, 1971
	<i>Pristimantis chiastonotus</i>	Lynch & Hoogmoed, 1977	Lynch & Hoogmoed, 1977	----
	<i>Pristimantis chloronotus</i>	Lynch, 1969	Lynch, 1969	Lynch, 1971
	<i>Pristimantis citriogaster</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Pristimantis colomai</i>	Lynch & Duellman, 1997	Lynch & Duellman, 1997	----

Craugastoridae (cont.)	<i>Pristimantis condor</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Pristimantis conspicillatus</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	Lynch, 1971
	<i>Pristimantis cremnobates</i>	Lynch & Duellman, 1980	Lynch & Duellman, 1980	----
	<i>Pristimantis crenunguis</i>	Lynch, 1976a	Lynch, 1976a	----
	<i>Pristimantis croceoinguinis</i>	Lynch, 1968	Lynch, 1968	Lynch, 1971
	<i>Pristimantis crucifer</i>	Lynch, 1976a	Lynch, 1976a	----
	<i>Pristimantis cruentus</i>	Savage, 1981	Savage, 1981	Lynch, 1971
	<i>Pristimantis cryophilus</i>	Lynch, 1979b	Lynch, 1979b	----
	<i>Pristimantis curtipes</i>	Lynch, 1981a	Lynch, 1981a	Lynch, 1971
	<i>Pristimantis danae</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Pristimantis devillei</i>	Lynch, 1969	Lynch, 1969	Lynch, 1971
	<i>Pristimantis diadematus</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Pristimantis dissimulatus</i>	Lynch & Duellman, 1997	Lynch & Duellman, 1997	----
	<i>Pristimantis duellmani</i>	Lynch, 1980c	Lynch, 1980c	MT pers. obs.
	<i>Pristimantis eriphus</i>	Lynch & Duellman, 1980	Lynch & Duellman, 1980	----
	<i>Pristimantis erythropleura</i>	Lynch, 1994	Lynch, 1994	----
	<i>Pristimantis euphronides</i>	Kaiser <i>et al.</i> , 1994b	Kaiser <i>et al.</i> , 1994b	----
	<i>Pristimantis fenestratus</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Pristimantis frater</i>	Pyburn & Lynch, 1981	Pyburn & Lynch, 1981	Lynch, 1971
	<i>Pristimantis gaigei</i>	Wever, 1985; Lynch, 1980a	Wever, 1985; Lynch, 1980a	Lynch, 1971; Wever, 1985
	<i>Pristimantis galdi</i>	Lynch & Duellman, 1980	Lynch & Duellman, 1980	Lynch, 1971
	<i>Pristimantis gentry</i>	----	MTR pers. obs.	MTR pers. obs.
	<i>Pristimantis glandulosus</i>	Lynch, 1969	Lynch, 1969	----
	<i>Pristimantis gutturalis</i>	Hoogmoed <i>et al.</i> , 1977	Hoogmoed <i>et al.</i> , 1977	----
	<i>Pristimantis hectus</i>	Lynch & Duellman, 1997	Lynch & Duellman, 1997	----
	<i>Pristimantis imitatrix</i>	Duellman, 1978	Duellman, 1978	----
	<i>Pristimantis inguinalis</i>	----	Parker, 1940	----
	<i>Pristimantis inusitatus</i>	Lynch & Duellman, 1980	Lynch & Duellman, 1980	----

Craugastoridae (cont.)	<i>Pristimantis juanchoi</i>	JJOS pers. obs.	Lynch, 1996	----
	<i>Pristimantis jubatus</i>	García-R & Lynch, 2006	García-R & Lynch, 2006	----
	<i>Pristimantis kelephus</i>	Lynch, 1998	Lynch, 1998	----
	<i>Pristimantis koehleri</i>	Padial & de la Riva, 2009	Padial & de la Riva, 2009	----
	<i>Pristimantis labiosus</i>	Lynch & Duellman, 1997	Lynch & Duellman, 1997	----
	<i>Pristimantis lanthanites</i>	Lynch, 1975a	Lynch, 1975a	----
	<i>Pristimantis latidiscus</i>	Lynch & Duellman, 1997	Lynch & Duellman, 1997	----
	<i>Pristimantis leoni</i>	Lynch & Duellman, 1997	Lynch & Duellman, 1997	----
	<i>Pristimantis librarius</i>	----	Flores & Vigle, 1994	----
	<i>Pristimantis lirellus</i>	Duellman & Pramuk, 1999	Duellman & Pramuk, 1999	----
	<i>Pristimantis llojsintuta</i>	Köhler & Lötters, 1999	Köhler & Lötters, 1999	----
	<i>Pristimantis luteolateralis</i>	----	Lynch, 1976a	----
	<i>Pristimantis lymani</i>	Lynch & Duellman, 1997	Lynch & Duellman, 1997	----
	<i>Pristimantis malkini</i>	Lynch, 1980b	Lynch, 1980b	----
	<i>Pristimantis marmoratus</i>	Ouboter & Jairam, 2012	Ouboter & Jairam, 2012	----
	<i>Pristimantis martiae</i>	Lynch, 1974a	Lynch, 1974a	----
	<i>Pristimantis melanogaster</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Pristimantis miyatai</i>	Lynch, 1984	Lynch, 1984	----
	<i>Pristimantis moro</i>	Savage, 2002	----	----
	<i>Pristimantis museosus</i>	Ibañez <i>et al.</i> , 1994	Ibañez <i>et al.</i> , 1994	----
	<i>Pristimantis myops</i>	Lynch, 1998	Lynch, 1998	----
	<i>Pristimantis nervicus</i>	Lynch, 1994	Lynch, 1994	----
	<i>Pristimantis nyctophylax</i>		Lynch, 1976a	----
	<i>Pristimantis ockendeni</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Pristimantis ocreatus</i>	Lynch, 1981a	Lynch, 1981a	----
	<i>Pristimantis orcesi</i>	Lynch, 1981a	Lynch, 1981a	----
	<i>Pristimantis orestes</i>	Lynch, 1979b	Lynch, 1979b	----
	<i>Pristimantis paisa</i>	Lynch & Ardila-Robayo, 1999	Lynch & Ardila-Robayo, 1999	----

Craugastoridae (cont.)	<i>Pristimantis palmeri</i>	JJOS pers. obs.	Lynch, 1996	Lynch, 1971
	<i>Pristimantis pardalis</i>	Savage, 2002	Savage, 2002	----
	<i>Pristimantis parvillus</i>	Lynch, 1976a	Lynch, 1976a	----
	<i>Pristimantis peruvianus</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Pristimantis petrobardus</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Pristimantis phoxocephalus</i>	Lynch, 1979b	Lynch, 1979b	----
	<i>Pristimantis pirrensis</i>	Ibañez & Crawford, 2004	Ibañez & Crawford, 2004	----
	<i>Pristimantis platydactylus</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Pristimantis prolatus</i>	Lynch & Duellman, 1980	Lynch & Duellman, 1980	----
	<i>Pristimantis ptochus</i>	----	Lynch, 1998	----
	<i>Pristimantis pulvinatus</i>	Rivero, 1968a	Rivero, 1968a	----
	<i>Pristimantis pycnoderms</i>	Lynch, 1979b	Lynch, 1979b	----
	<i>Pristimantis pyrrhomerus</i>	Lynch & Duellman, 1997	Lynch & Duellman, 1997	----
	<i>Pristimantis quantus</i>	Lynch, 1998	Lynch, 1998	----
	<i>Pristimantis quaquaversus</i>	Lynch, 1974a	Lynch, 1974a	----
	<i>Pristimantis quinquagesimus</i>	Lynch & Duellman, 1997	Lynch & Duellman, 1997	----
	<i>Pristimantis ramagii</i>	Boulenger, 1888	Boulenger, 1888	----
	<i>Pristimantis reichlei</i>	Padial & de la Riva, 2009	Padial & de la Riva, 2009	----
	<i>Pristimantis rhabdocnemus</i>	Duellman & Hedges, 2005	Duellman & Hedges, 2005	----
	<i>Pristimantis rhabdolaemus</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Pristimantis rhodoplichus</i>	Duellman & Wild, 1993	Duellman & Wild, 1993	----
	<i>Pristimantis ridens</i>	Savage, 2002	Savage, 2002	Lynch, 1971
	<i>Pristimantis riveti</i>	Lynch, 1979b	Lynch, 1979b	----
	<i>Pristimantis rozei</i>	Rivero, 1961	Rivero, 1961	----
	<i>Pristimantis sagittulus</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Pristimantis samaipatae</i>	Köhler & Jungfer, 1995	Köhler & Jungfer, 1995	----
	<i>Pristimantis savagei</i>	Pyburn & Lynch, 1981	Pyburn & Lynch, 1981	----
	<i>Pristimantis schultei</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----

Craugastoridae (cont.)	<i>Pristimantis shrevei</i>	Kaiser <i>et al.</i> , 1994b	Kaiser <i>et al.</i> , 1994b	----
	<i>Pristimantis simonbolivari</i>	Lynch & Duellman, 1997	Lynch & Duellman, 1997	----
	<i>Pristimantis simonsii</i>	Lynch, 1975b	Lynch, 1975b	Lynch, 1975b
	<i>Pristimantis skydmainos</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Pristimantis spinosus</i>	Lynch, 1979b	Lynch, 1979b	----
	<i>Pristimantis stictogaster</i>	Duellman & Hedges, 2005	Duellman & Hedges, 2005	----
	<i>Pristimantis subsigillatus</i>	Lynch & Duellman, 1997	Lynch & Duellman, 1997	----
	<i>Pristimantis suetus</i>	Lynch & Rueda-Almonacid, 1998	Lynch & Rueda-Almonacid, 1998	----
	<i>Pristimantis supernatis</i>	Lynch, 1979a	Lynch, 1979a	----
	<i>Pristimantis surdus</i>	Lynch, 1980c	Lynch, 1980c	MT pers. obs.
	<i>Pristimantis taeniatus</i>	Lynch, 1980a	Lynch, 1980a	----
	<i>Pristimantis terraebolivaris</i>	Rivero, 1961	Rivero, 1961	----
	<i>Pristimantis thectopternus</i>	Lynch, 1975a	Lynch, 1975a	----
	<i>Pristimantis thymalopsoides</i>	LAC pers. obs.	Lynch, 1976a	----
	<i>Pristimantis thymelensis</i>	Lynch, 1981a	Lynch, 1981a	----
	<i>Pristimantis toftae</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	----
	<i>Pristimantis truebae</i>	Lynch & Duellman, 1997	Lynch & Duellman, 1997	----
	<i>Pristimantis unistrigatus</i>	Lynch & Duellman, 1980	Lynch & Duellman, 1980	Lynch, 1971
	<i>Pristimantis urichi</i>	Kaiser <i>et al.</i> , 1994b	Kaiser <i>et al.</i> , 1994b	----
	<i>Pristimantis ventrimarmoratus</i>	Lynch & Duellman, 1980	Lynch & Duellman, 1980	----
	<i>Pristimantis verecundus</i>	Lynch & Burrowes, 1990	Lynch & Burrowes, 1990	----
	<i>Pristimantis versicolor</i>	Lynch, 1979b	Lynch, 1979b	----
	<i>Pristimantis vertebralis</i>	Lynch, 1979a	Lynch, 1979a	----
	<i>Pristimantis viejas</i>	Lynch & Rueda-Almonacid, 1999	Lynch & Rueda-Almonacid, 1999	----
	<i>Pristimantis walkeri</i>	Lynch, 1974a	Lynch, 1974a	----
	<i>Pristimantis wiensi</i>	----	Duellman & Wild, 1993	----
	<i>Pristimantis wnigrum</i>	Lynch & Duellman, 1997	Lynch & Duellman, 1997	Lynch, 1971

Craugastoridae (cont.)	<i>Pristimantis zophus</i>	Lynch & Ardila-Robayo, 1999	Lynch & Ardila-Robayo, 1999	----
	<i>Psychrophrynella iatamasi</i>	Aguayo-Vedia & Harvey, 2001	----	----
	<i>Psychrophrynella wettsteini</i>	Lehr, 2006	----	Lynch, 1971
	<i>Strabomantis anomalus</i>	Lynch & Myers, 1983	Lynch & Myers, 1983	----
	<i>Strabomantis biporcatus</i>	Savage & Myers, 2002	Savage & Myers, 2002	----
	<i>Strabomantis bufoniformis</i>	Lynch, 2000	Lynch, 2000	Lynch, 1971
	<i>Strabomantis necerus</i>	Lynch, 1975c	Lynch, 1975c	JJSO pers. obs.
	<i>Strabomantis sulcatus</i>	Duellman & Lehr, 2009	Duellman & Lehr, 2009	Lynch, 1971
	<i>Yunganastes ashkapara</i>	Köhler, 2000b	Köhler, 2000b	----
	<i>Yunganastes bisignatus</i>	Köhler, 2000a	Köhler, 2000a	----
	<i>Yunganastes fraudator</i>	Lynch & McDiarmid, 1987	Lynch & McDiarmid, 1987	----
	<i>Yunganastes mercedesae</i>	Lynch & McDiarmid, 1987	Padial <i>et al.</i> , 2007	----
	<i>Yunganastes pluvicanorus</i>	de la Riva & Lynch, 1997	Padial <i>et al.</i> , 2007	----
Cycloramphidae	<i>Cycloramphus boraceiensis</i>	MOP pers. obs.; Heyer <i>et al.</i> , 1990	----	----
	<i>Cycloramphus eleutherodactylus</i>	Verdade, 2005	Verdade, 2005	Lynch, 1971
	<i>Thoropa miliaris</i>	----	Boulenger, 1882	Lynch, 1971
	<i>Thoropa taophora</i>	MOP pers. obs.	MOP pers. obs.	----
	<i>Zachaenus parvulus</i>	Verdade, 2005	Verdade, 2005	Lynch, 1971
Dendrobatidae	<i>Adelphobates castaneoticus</i>	----	----	TG pers. obs.
	<i>Adelphobates galactonotus</i>	----	----	TG pers. obs.
	<i>Ameerega bassleri</i>	----	TG pers. obs.	TG pers. obs.
	<i>Ameerega bilinguis</i>	Beirne & Witworth, 2011	TG pers. obs.; Beirne & Witworth, 2011	TG pers. obs.
	<i>Ameerega hahneli</i>	----	TG pers. obs.	TG pers. obs.
	<i>Ameerega macero</i>	----	Rodríguez & Myers, 1993	----
	<i>Ameerega parvula</i>	----	Boulenger, 1882	----

Dendrobatidae (cont.)	<i>Ameerega petersi</i>	----	TG pers. obs.; Lynch & Renjifo, 2001	TG pers. obs.
	<i>Ameerega picta</i>	----	TG pers. obs.	TG pers. obs.
	<i>Ameerega silverstonei</i>	TG pers. obs.	TG pers. obs.	TG pers. obs.
	<i>Ameerega simulans</i>	Myers <i>et al.</i> , 1998	Myers <i>et al.</i> , 1998	Myers <i>et al.</i> , 1998
	<i>Ameerega trivittata</i>	----	TG pers. obs.; Boulenger, 1882	TG pers. obs.; Laurent, 1942
	<i>Andinobates claudiae</i>	----	TG pers. obs.	TG pers. obs.
	<i>Andinobates fulguritus</i>	----	TG pers. obs.	TG pers. obs.
	<i>Colostethus fugax</i>	----	Coloma, 1995	----
	<i>Colostethus inguinalis</i>	Wever, 1985	Wever, 1985; Boulenger, 1882	Wever, 1985
	<i>Colostethus latinasus</i>	----	Boulenger, 1882	----
	<i>Colostethus panamensis</i>	----	TG pers. obs.	TG pers. obs.
	<i>Colostethus pratti</i>	----	TG pers. obs.	TG pers. obs.
	<i>Dendrobates auratus</i>	Nussbaum & Wu, 2007; Wever, 1985; Savage, 2002	Nussbaum & Wu, 2007; Wever, 1985	Nussbaum & Wu, 2007; Wever, 1985; TG pers. obs.
	<i>Dendrobates tinctorius</i>	----	TG pers. obs.; Boulenger, 1882	Parker, 1881; TG pers. obs.
	<i>Dendrobates truncatus</i>	----	TG pers. obs.	TG pers. obs.
	<i>Epipedobates anthonyi</i>	----	----	Haas, 1995
	<i>Epipedobates boulengeri</i>	----	TG pers. obs.	TG pers. obs.
	<i>Epipedobates espinosai</i>	----	TG pers. obs.	TG pers. obs.
	<i>Excidobates captivus</i>	----	TG pers. obs.	----
	<i>Excidobates mysteriosus</i>	----	Myers, 1982	----
	<i>Hyloxalus awa</i>	----	TG pers. obs.	TG pers. obs.
	<i>Hyloxalus bocagei</i>	Beirne & Witworth, 2011	TG pers. obs.; Boulenger, 1882; Beirne & Witworth, 2011	TG pers. obs.
	<i>Hyloxalus chlorocraspedus</i>	----	Caldwell, 2005	----
	<i>Hyloxalus elachyhistus</i>	----	TG pers. obs.	TG pers. obs.

(cont.)	<i>Hyloxalus nexipus</i>	----	Frost, 1986	----
	<i>Hyloxalus pulchellus</i>	----	TG pers. obs.; Boulenger, 1882	TG pers. obs.
	<i>Hyloxalus sauli</i>	----	TG pers. obs.	TG pers. obs.
	<i>Hyloxalus subpunctatus</i>	Lynch & Renjifo, 2001	TG pers. obs.	TG pers. obs.
	<i>Hyloxalus sylvaticus</i>	----	TG pers. obs.	TG pers. obs.
	<i>Hyloxalus vertebralis</i>	----	TG pers. obs.	TG pers. obs.
	<i>Minyobates steyermarki</i>	----	TG pers. obs.	TG pers. obs.
	<i>Oophaga arborea</i>	----	TG pers. obs.	TG pers. obs.
	<i>Oophaga granulifera</i>	----	TG pers. obs.	TG pers. obs.
	<i>Oophaga histrionica</i>	----	TG pers. obs.	TG pers. obs.; Laurent, 1942
	<i>Oophaga lehmanni</i>	----	TG pers. obs.	TG pers. obs.
	<i>Oophaga pumilio</i>	Savage, 2002	TG, Boulenger, 1882; Savage, 2002	TG pers. obs.
	<i>Oophaga speciosa</i>	----	TG pers. obs.	TG pers. obs.
	<i>Oophaga sylvatica</i>	----	TG pers. obs.	TG pers. obs.
	<i>Oophaga vicentei</i>	----	TG pers. obs.	TG pers. obs.
	<i>Phyllobates aurotaenia</i>	----	TG pers. obs.	TG pers. obs.
	<i>Phyllobates bicolor</i>	----	TG pers. obs.; Boulenger, 1882	Haas, 1995; TG pers. obs.
	<i>Phyllobates lugubris</i>	----	TG pers. obs.	TG pers. obs.
	<i>Phyllobates terribilis</i>	----	TG pers. obs.	TG pers. obs.
	<i>Phyllobates vittatus</i>	----	TG pers. obs.	TG pers. obs.
	<i>Ranitomeya amazonica</i>	----	Brown <i>et al.</i> , 2011	----
	<i>Ranitomeya imitator</i>	----	TG pers. obs.	TG pers. obs.
	<i>Ranitomeya reticulata</i>	----	TG pers. obs.	TG pers. obs.
	<i>Ranitomeya ventrimaculata</i>	Beirne & Witworth, 2011	TG pers. obs.; Beirne & Witworth, 2011	TG pers. obs.
	<i>Silverstoneia flotator</i>	----	TG pers. obs.	TG pers. obs.
	<i>Silverstoneia nubicola</i>	----	TG pers. obs.	TG pers. obs.

Dicroglossidae	<i>Euphlyctis cyanophlyctis</i>	Scott, 2005	Scott, 2005; Parker, 1881; Boulenger, 1882	Scott, 2005; Parker, 1881
	<i>Euphlyctis hexadactylus</i>	Boulenger, 1882	Boulenger, 1882	----
	<i>Fejervarya cancrivora</i>	Zhao & Adler, 1993	Inger, 1966; Zhao & Adler, 1993	----
	<i>Fejervarya caperata</i>	Kuramoto <i>et al.</i> , 2007	Kuramoto <i>et al.</i> , 2007	----
	<i>Fejervarya granosa</i>	Kuramoto <i>et al.</i> , 2007	Kuramoto <i>et al.</i> , 2007	----
	<i>Fejervarya kudremukhensis</i>	Kuramoto <i>et al.</i> , 2007	Kuramoto <i>et al.</i> , 2007	----
	<i>Fejervarya iskandari</i>	----	Veith <i>et al.</i> , 2001	----
	<i>Fejervarya limnocharis</i>	----	Liu, 1950; Inger, 1966	----
	<i>Fejervarya mudduraja</i>	Kuramoto <i>et al.</i> , 2007	Kuramoto <i>et al.</i> , 2007; Chandramouli & Dutta, 2015	----
	<i>Fejervarya rufescens</i>	----	Boulenger, 1882	----
	<i>Fejervarya sahyadris</i>	----	Chandramouli & Dutta, 2015	Chandramouli & Dutta, 2015
	<i>Hoplobatrachus occipitalis</i>	Scott, 2005	Boulenger, 1882; Scott, 2005	Scott, 2005
	<i>Hoplobatrachus rugulosus</i>	----	Inger & Stuebing, 1997	----
	<i>Hoplobatrachus tigerinus</i>	Glaw & Vences, 2007	Boulenger, 1882; Glaw & Vences, 2007	Parker, 1881
	<i>Ingerana tenasserimensis</i>	----	Iskandar <i>et al.</i> , 2011	----
	<i>Limnonectes asperatus</i>	----	Inger <i>et al.</i> , 1996	----
	<i>Limnonectes blythii</i>	Scott, 2005; Emerson & Berrigan, 1993	Scott, 2005; Emerson & Berrigan, 1993	Scott, 2005
	<i>Limnonectes dabanus</i>	----	Stuart <i>et al.</i> , 2006	----
	<i>Limnonectes doriae</i>	----	Boulenger, 1920	----
	<i>Limnonectes finchi</i>	Emerson & Berrigan, 1993	Emerson & Berrigan, 1993	----
	<i>Limnonectes hascheanus</i>	Emerson & Berrigan, 1993	Emerson & Berrigan, 1993	----
	<i>Limnonectes ibanorum</i>	----	Inger, 1966	----
	<i>Limnonectes kuhlii</i>	Inger, 1966; Boulenger, 1882	Inger, 1966	Parker, 1881
	<i>Limnonectes laticeps</i>	Inger, 1966; Boulenger, 1882	Inger, 1966	----
	<i>Limnonectes leporinus</i>	Inger & Stuebing, 1997	Inger & Stuebing, 1997	----

Dicroglossidae (cont.)	<i>Limnonectes leytenis</i>	Emerson & Berrigan, 1993	Emerson & Berrigan, 1993	----
	<i>Limnonectes macrodon</i>	----	Inger, 1966; Boulenger, 1882	----
	<i>Limnonectes magnus</i>	----	Boulenger, 1920	----
	<i>Limnonectes malesianus</i>	Inger & Stuebing, 1997	Inger & Stuebing, 1997	----
	<i>Limnonectes microdiscus</i>	----	Inger, 1966	----
	<i>Limnonectes microtypanum</i>	----	Boulenger, 1920	----
	<i>Limnonectes modestus</i>	----	Boulenger, 1882	----
	<i>Limnonectes palavanensis</i>	Inger & Stuebing, 1997	Inger & Stuebing, 1997	----
	<i>Limnonectes paramacrodon</i>	Inger & Stuebing, 1997	Inger & Stuebing, 1997	----
	<i>Limnonectes plicatellus</i>	Emerson & Berrigan, 1993	Emerson & Berrigan, 1993	----
	<i>Limnonectes woodworthi</i>	----	Inger, 1954	----
	<i>Nannophrys ceylonensis</i>	Scott, 2005	Scott, 2005	Clarke, 1983; Scott, 2005
	<i>Nannophrys marmorata</i>	----	----	Clarke, 1983
	<i>Nanorana aenea</i>	----	Dubois & Ohler, 2005	----
	<i>Nanorana arnoldi</i>	----	Dubois, 1975	----
	<i>Nanorana liebigii</i>	Ohler & Dubois, 2006	Boulenger, 1882; Günther, 1860	Dubois, 1975
	<i>Nanorana parkeri</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Nanorana pleski</i>	Günther, 1896; Liu, 1950; Lu & Yang, 1995	Günther, 1896; Liu, 1950; Lu & Yang, 1995	Lu & Yang, 1995
	<i>Nanorana quadranus</i>	----	Ohler & Dubois, 2006	----
	<i>Nanorana ventripunctata</i>	Lu & Yang, 1995	----	Lu & Yang, 1995
	<i>Nanorana yunnanensis</i>	Zhao & Adler, 1993	Boulenger, 1882	----
	<i>Occidozyga baluensis</i>		Inger, 1966	----
	<i>Occidozyga laevis</i>	Boulenger, 1882 absent; Scott, 2005 present	Inger, 1966; Scott, 2005	Scott, 2005
	<i>Occidozyga lima</i>	Zhao & Adler, 1993	----	Laurent, 1943b
	<i>Quasipaa delacouri</i>	Dubois, 1975	----	----
	<i>Quasipaa shini</i>	Zhao & Adler, 1993	Zhao & Adler, 1993	----

Dicroglossidae (cont.)	<i>Quasipaa spinosa</i>	----	----	Dubois, 1975
	<i>Sphaerotheca breviceps</i>	----	Boulenger, 1882	----
	<i>Sphaerotheca dobsonii</i>	----	Boulenger, 1882	----
Eleutherodactylidae	<i>Adelophryne adiastrata</i>	Hoogmoed & Lescure, 1984	Hoogmoed & Lescure, 1984	----
	<i>Adelophryne baturitensis</i>	Hoogmoed <i>et al.</i> , 1994	Hoogmoed <i>et al.</i> , 1994	----
	<i>Adelophryne gutturosa</i>	Hoogmoed & Lescure, 1984; Kok & Kalamandeen, 2008	Hoogmoed & Lescure, 1984; Kok & Kalamandeen, 2008	----
	<i>Adelophryne maranguapensis</i>	Hoogmoed <i>et al.</i> , 1994	Hoogmoed <i>et al.</i> , 1994	----
	<i>Adelophryne pachydactyla</i>	Hoogmoed <i>et al.</i> , 1994	Hoogmoed <i>et al.</i> , 1994	----
	<i>Adelophryne patamona</i>	MacCulloch <i>et al.</i> , 2008; Kok & Kalamandeen, 2008	MacCulloch <i>et al.</i> , 2008; Kok & Kalamandeen, 2008	----
	<i>Diasporus diastema</i>	Savage, 2002	Savage, 2002	Lynch, 1971
	<i>Diasporus hylaeformis</i>	Savage, 2002	Savage, 2002	----
	<i>Diasporus vocator</i>	Savage, 2002; Taylor, 1955	Savage, 2002	----
	<i>Eleutherodactylus abbotti</i>	Cochran, 1923	Cochran, 1923	Lynch, 1971
	<i>Eleutherodactylus acmonis</i>	Díaz & Cádiz, 2008	Díaz & Cádiz, 2008	----
	<i>Eleutherodactylus adelus</i>	Díaz <i>et al.</i> , 2003	Díaz <i>et al.</i> , 2003	----
	<i>Eleutherodactylus albipes</i>	Barbour & Shreve, 1937	Barbour & Shreve, 1937	----
	<i>Eleutherodactylus alcoae</i>	Schwartz, 1976b	Schwartz, 1976b	----
	<i>Eleutherodactylus alticola</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus amadeus</i>	Hedges <i>et al.</i> , 1987	Hedges <i>et al.</i> , 1987	----
	<i>Eleutherodactylus amplinympha</i>	Kaiser <i>et al.</i> , 1994a	Kaiser <i>et al.</i> , 1994a	----
	<i>Eleutherodactylus andrewsi</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus antillensis</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	Lynch, 1971
	<i>Eleutherodactylus apostates</i>	Schwartz, 1973	Schwartz, 1973	----
	<i>Eleutherodactylus armstrongi</i>	Noble & Hassler, 1933	Noble & Hassler, 1933	Lynch, 1971
	<i>Eleutherodactylus atkinsi</i>	Dunn, 1925; Nussbaum & Wu, 2007	Dunn, 1925; Nussbaum & Wu, 2007	Lynch, 1971
	<i>Eleutherodactylus audanti</i>	Schwartz, 1966	Schwartz, 1966	Lynch, 1971

Eleutherodactylidae (cont.)	<i>Eleutherodactylus auriculatoides</i>	Cope, 1862b, Noble, 1923	Cope, 1862b, Noble, 1923	Lynch, 1971
	<i>Eleutherodactylus auriculatus</i>	Cope, 1862b	Cope, 1862b	----
	<i>Eleutherodactylus bakeri</i>	Cochran, 1935	Cochran, 1935	----
	<i>Eleutherodactylus barlagnei</i>	Lynch, 1965a	Lynch, 1965a	Lynch, 1971
	<i>Eleutherodactylus bartonsmithi</i>	Díaz & Cádiz, 2008	Díaz & Cádiz, 2008	----
	<i>Eleutherodactylus blairhedgesi</i>	Estrada <i>et al.</i> , 1998	Estrada <i>et al.</i> , 1998	----
	<i>Eleutherodactylus bothroboans</i>	Schwartz, 1965b	Schwartz, 1965b	----
	<i>Eleutherodactylus bresslerae</i>	Díaz & Cádiz, 2008	Díaz & Cádiz, 2008	----
	<i>Eleutherodactylus brevirostris</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus brittoni</i>	Schmidt, 1920	Schmidt, 1920	----
	<i>Eleutherodactylus caribe</i>	Hedges & Thomas, 1992a	Hedges & Thomas, 1992a	----
	<i>Eleutherodactylus casparii</i>	Díaz & Cádiz, 2008	Díaz & Cádiz, 2008	----
	<i>Eleutherodactylus cavernicola</i>	Lynn, 1954	Lynn, 1954	----
	<i>Eleutherodactylus chlorophenax</i>	Schwartz, 1976a	Schwartz, 1976a	----
	<i>Eleutherodactylus cochranae</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	Lynch, 1971
	<i>Eleutherodactylus cooki</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus coqui</i>	Zug, 2013	Zug, 2013	Lynch, 1971
	<i>Eleutherodactylus corona</i>	Hedges & Thomas, 1992b	Hedges & Thomas, 1992b	----
	<i>Eleutherodactylus counouspeus</i>	Schwartz, 1964	Schwartz, 1964	----
	<i>Eleutherodactylus cubanus</i>	Barbour & Shreve, 1937	Barbour & Shreve, 1937	----
	<i>Eleutherodactylus cundalli</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	Lynch, 1971
	<i>Eleutherodactylus cuneatus</i>	Cope, 1862b	Cope, 1862b	----
	<i>Eleutherodactylus darlingtoni</i>	Cochran, 1935	Cochran, 1935	----
	<i>Eleutherodactylus dimidiatus</i>	Cope, 1862b	Cope, 1862b	----

Eleutherodactylidae (cont.)	<i>Eleutherodactylus dolomedes</i>	Hedges & Thomas, 1992b	Hedges & Thomas, 1992b	----
	<i>Eleutherodactylus eileenae</i>	Dunn, 1926	Dunn, 1926	----
	<i>Eleutherodactylus emiliae</i>	Dunn, 1926	Dunn, 1926	----
	<i>Eleutherodactylus eneidae</i>	Rivero, 1959	Rivero, 1959	Lynch, 1971
	<i>Eleutherodactylus etheridgei</i>	Schwartz, 1958b	Schwartz, 1958b	----
	<i>Eleutherodactylus eunaster</i>	Schwartz, 1973	Schwartz, 1973	----
	<i>Eleutherodactylus flavescens</i>	Noble, 1923	Noble, 1923	----
	<i>Eleutherodactylus fowleri</i>	Schwartz, 1973	Schwartz, 1973	----
	<i>Eleutherodactylus furcyensis</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	Lynch, 1971
	<i>Eleutherodactylus fuscus</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus glamyrus</i>	Estrada & Hedges, 1997b	Estrada & Hedges, 1997b	----
	<i>Eleutherodactylus glandulifer</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus glanduliferoides</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus glaphycompus</i>	Schwartz, 1973	Schwartz, 1973	----
	<i>Eleutherodactylus glaucoreius</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus goini</i>	Díaz & Cádiz, 2008	Díaz & Cádiz, 2008	----
	<i>Eleutherodactylus gossei</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	Lynch, 1971
	<i>Eleutherodactylus grabhami</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus grahami</i>	Schwartz, 1979	Schwartz, 1979	----
	<i>Eleutherodactylus greyi</i>	Díaz & Cádiz, 2008	Díaz & Cádiz, 2008	----
	<i>Eleutherodactylus griphus</i>	Crombie, 1986	Crombie, 1986	----
	<i>Eleutherodactylus gryllus</i>	Schmidt, 1920	Schmidt, 1920	----
	<i>Eleutherodactylus guanahacabibes</i>	Díaz & Cádiz, 2008	Díaz & Cádiz, 2008	----
	<i>Eleutherodactylus quantanamera</i>	Hedges <i>et al.</i> , 1992	Hedges <i>et al.</i> , 1992	----
	<i>Eleutherodactylus gundlachi</i>	Barbour, 1914	Barbour, 1914	----
	<i>Eleutherodactylus haitianus</i>	Cochran, 1941	Cochran, 1941	Lynch, 1971

Eleutherodactylidae (cont.)	<i>Eleutherodactylus hedricki</i>	Rivero, 1963	Rivero, 1963	----
	<i>Eleutherodactylus heminota</i>	Hedges <i>et al.</i> , 2008; Nussbaum & Wu, 2007	Hedges <i>et al.</i> , 2008; Nussbaum & Wu, 2007	Nussbaum & Wu, 2007
	<i>Eleutherodactylus hypostenor</i>	Schwartz, 1965b	Schwartz, 1965b	----
	<i>Eleutherodactylus iberia</i>	Estrada & Hedges, 1996	Estrada & Hedges, 1996	----
	<i>Eleutherodactylus inoptatus</i>	Barbour, 1914	Barbour, 1914	Lynch, 1971
	<i>Eleutherodactylus intermedius</i>	Díaz & Cádiz, 2008	Díaz & Cádiz, 2008	----
	<i>Eleutherodactylus ionthus</i>	Díaz & Cádiz, 2008	Díaz & Cádiz, 2008	----
	<i>Eleutherodactylus jamaicensis</i>	Barbour, 1910	Barbour, 1910	----
	<i>Eleutherodactylus jaumei</i>	Estrada & Alonso, 1997	Estrada & Alonso, 1997	----
	<i>Eleutherodactylus johnstonei</i>	Barbour, 1914	Barbour, 1914	----
	<i>Eleutherodactylus jugans</i>	Cochran, 1935	Cochran, 1935	Lynch, 1971
	<i>Eleutherodactylus junori</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus klinikowskii</i>	Díaz & Cádiz, 2008	Díaz & Cádiz, 2008	----
	<i>Eleutherodactylus lamprotes</i>	Schwartz, 1973	Schwartz, 1973	----
	<i>Eleutherodactylus leberi</i>	Díaz & Cádiz, 2008	Díaz & Cádiz, 2008	----
	<i>Eleutherodactylus lentus</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	Lynch, 1971
	<i>Eleutherodactylus leoncel</i>	Hedges, 1992	Hedges, 1992	----
	<i>Eleutherodactylus limbatus</i>	Cope, 1862b, Nussbaum & Wu, 2007	Cope, 1862b, Nussbaum & Wu, 2007	Lynch, 1971; Nussbaum & Wu, 2007
	<i>Eleutherodactylus locustus</i>	Schmidt, 1920	Schmidt, 1920	Lynch, 1971
	<i>Eleutherodactylus luteolus</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus maestrensis</i>	Diaz <i>et al.</i> , 2005	Diaz <i>et al.</i> , 2005	----
	<i>Eleutherodactylus mariposa</i>	Hedges <i>et al.</i> , 1992	Hedges <i>et al.</i> , 1992	----
	<i>Eleutherodactylus marnockii</i>	Hedges <i>et al.</i> , 1992	Hedges <i>et al.</i> , 1992	Lynch, 1971
	<i>Eleutherodactylus martinicensis</i>	Lynch, 1965a	Lynch, 1965a	Lynch, 1971
	<i>Eleutherodactylus melacara</i>	Hedges <i>et al.</i> , 1992	Hedges <i>et al.</i> , 1992	----
	<i>Eleutherodactylus minutus</i>	Noble, 1923	Noble, 1923	Lynch, 1971

Eleutherodactylidae (cont.)	<i>Eleutherodactylus monensis</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus nitidus</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	Lynch, 1971
	<i>Eleutherodactylus nortoni</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus nubicola</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	Lynch, 1971
	<i>Eleutherodactylus orcutti</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	Lynch, 1971
	<i>Eleutherodactylus orientalis</i>	Díaz & Cádiz, 2008	Díaz & Cádiz, 2008	----
	<i>Eleutherodactylus oxyrhyncus</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus pantoni</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	Lynch, 1971
	<i>Eleutherodactylus parabates</i>	Schwartz, 1964	Schwartz, 1964	----
	<i>Eleutherodactylus parapelates</i>	Hedges & Thomas, 1987	Hedges & Thomas, 1987	----
	<i>Eleutherodactylus patriciae</i>	Schwartz, 1965 "1964"	Schwartz, 1965 "1964"	Lynch, 1971
	<i>Eleutherodactylus paulsoni</i>	Schwartz, 1964	Schwartz, 1964	----
	<i>Eleutherodactylus pentasyringos</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus pezopetrus</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus pictissimus</i>	Cochran, 1935	Cochran, 1935	Lynch, 1971
	<i>Eleutherodactylus pinarensis</i>	Dunn, 1926	Dunn, 1926	----
	<i>Eleutherodactylus pinchoni</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus pipilans</i>	Taylor, 1940b	Taylor, 1940b	Lynch, 1971
	<i>Eleutherodactylus pituinus</i>	Schwartz, 1965a	Schwartz, 1965a	----
	<i>Eleutherodactylus planirostris</i>	Cope, 1862b	Cope, 1862b	Lynch, 1971
	<i>Eleutherodactylus poolei</i>	Cochran, 1938	Cochran, 1938	----
	<i>Eleutherodactylus portoricensis</i>	Schmidt, 1927	Schmidt, 1927	Lynch, 1971
	<i>Eleutherodactylus principalis</i>	Estrada & Hedges, 1997c	Estrada & Hedges, 1997c	----
	<i>Eleutherodactylus probalaeus</i>	Schwartz, 1976b	Schwartz, 1976b	----
	<i>Eleutherodactylus rhodesi</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus richmondi</i>	Schmidt, 1920	Schmidt, 1920	Lynch, 1971
	<i>Eleutherodactylus ricordii</i>	Díaz & Cádiz, 2008	Díaz & Cádiz, 2008	Lynch, 1971

Eleutherodactylidae (cont.)	<i>Eleutherodactylus riparius</i>	Diaz <i>et al.</i> , 2001	Diaz <i>et al.</i> , 2001	----
	<i>Eleutherodactylus rivularis</i>	Diaz <i>et al.</i> , 2001	Diaz <i>et al.</i> , 2001	----
	<i>Eleutherodactylus rogersi</i>	Goin, 1955	Goin, 1955	----
	<i>Eleutherodactylus ronaldi</i>	Diaz <i>et al.</i> , 2001	Diaz <i>et al.</i> , 2001	----
	<i>Eleutherodactylus rufifemoralis</i>	Noble & Hassler, 1933	Noble & Hassler, 1933	----
	<i>Eleutherodactylus ruthae</i>	Cochran, 1941	Cochran, 1941	Lynch, 1971
	<i>Eleutherodactylus schmidtii</i>	Noble, 1923	Noble, 1923	----
	<i>Eleutherodactylus schwartzi</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus sciagraphus</i>	Schwartz, 1973	Schwartz, 1973	----
	<i>Eleutherodactylus simulans</i>	Díaz & Fong, 2001	Díaz & Fong, 2001	----
	<i>Eleutherodactylus sisypodemus</i>	Crombie, 1977	Crombie, 1977	----
	<i>Eleutherodactylus sommeri</i>	Schwartz, 1977	Schwartz, 1977	----
	<i>Eleutherodactylus symingtoni</i>	Schwartz, 1957	Schwartz, 1957	----
	<i>Eleutherodactylus thomasi</i>	Schwartz, 1959	Schwartz, 1959	----
	<i>Eleutherodactylus thorectes</i>	Hedges, 1988	Hedges, 1988	----
	<i>Eleutherodactylus toa</i>	Estrada & Hedges, 1991	Estrada & Hedges, 1991	----
	<i>Eleutherodactylus tonyi</i>	Estrada & Hedges, 1997a	Estrada & Hedges, 1997a	----
	<i>Eleutherodactylus turquinensis</i>	Barbour & Shreve, 1937	Barbour & Shreve, 1937	----
	<i>Eleutherodactylus unicolor</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus varians</i>	Díaz & Cádiz, 2008	Díaz & Cádiz, 2008	----
	<i>Eleutherodactylus varleyi</i>	Dunn, 1925; Nussbaum & Wu, 2007	Dunn, 1925; Nussbaum & Wu, 2007	Nussbaum & Wu, 2007
	<i>Eleutherodactylus ventrilineatus</i>	Hedges <i>et al.</i> , 2008	Hedges <i>et al.</i> , 2008	----
	<i>Eleutherodactylus weinlandi</i>	Barbour, 1914	Barbour, 1914	Lynch, 1971
	<i>Eleutherodactylus wetmorei</i>	Cochran, 1932	Cochran, 1932	----

Eleutherodactylidae (cont.)	<i>Eleutherodactylus wightmanae</i>	Schmidt, 1920	Schmidt, 1920	Lynch, 1971
	<i>Eleutherodactylus zeus</i>	Schwartz, 1958a	Schwartz, 1958a	----
	<i>Eleutherodactylus zugii</i>	Schwartz, 1958a	Schwartz, 1958a	Lynch, 1971
	<i>Phyzelaphryne miriamae</i>	Heyer, 1977	Heyer, 1977	----
Heleophrynidae	<i>Hadromophryne natalensis</i>	du Preez & Carruthers, 2009	----	Lynch, 1971
	<i>Heleophryne purcelli</i>	Scott, 2005; du Preez & Carruthers, 2009	Scott, 2005	Ramaswami, 1944; Scott, 2005
Hemiphractidae	<i>Flectonotus fitzgeraldi</i>			
	<i>Flectonotus pygmaeus</i>	----	Duellman <i>et al.</i> , 2011	----
	<i>Gastrotheca argenteovirens</i>	----	Cochran & Goin, 1970	----
	<i>Gastrotheca atympana</i>	Duellman, 2015	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca aureomaculata</i>	Duellman, 2015	Cochran & Goin, 1970; Duellman, 2015	----
	<i>Gastrotheca christiani</i>	Laurent <i>et al.</i> , 1986	Laurent <i>et al.</i> , 1986	MOP pers. obs.
	<i>Gastrotheca chrysosticta</i>	Laurent <i>et al.</i> , 1986	Laurent <i>et al.</i> , 1986	----
	<i>Gastrotheca cornuta</i>	Cochran & Goin, 1970	Cochran & Goin, 1970	----
	<i>Gastrotheca dendronastes</i>	----	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca dunni</i>	----	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca excubitor</i>	Catenazzi <i>et al.</i> , 2013	Catenazzi <i>et al.</i> , 2013	----
	<i>Gastrotheca fissipes</i>	Mendes <i>et al.</i> , 2012	Mendes <i>et al.</i> , 2012	----
	<i>Gastrotheca galeata</i>	----	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca gracilis</i>	Laurent <i>et al.</i> , 1986	Laurent <i>et al.</i> , 1986	----
	<i>Gastrotheca griswoldi</i>	----	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca guentheri</i>	----	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca helenae</i>	Duellman, 2015	Cochran & Goin, 1970	Duellman, 2015
	<i>Gastrotheca litonedis</i>	----	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca longipes</i>	----	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca marsupiata</i>	----	Boulenger, 1882	Parker, 1881

Hemiphractidae (cont.)	<i>Gastrotheca monticola</i>	----	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca nicefori</i>	Lynch & Renjifo, 2001; Cochran & Goin, 1970	Lynch & Renjifo, 2001; Cochran & Goin, 1970	----
	<i>Gastrotheca ochoai</i>	----	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca orophylax</i>	----	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca peruana</i>	----	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca plumbea</i>	----	Boulenger, 1882	----
	<i>Gastrotheca pseustes</i>	----	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca psychrophila</i>	----	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca riobambae</i>	MOP pers. obs.; Duellman, 2015	MOP pers. obs.; Duellman, 2015	----
	<i>Gastrotheca ruizi</i>	----	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca stictopleura</i>	----	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca trachyceps</i>	----	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca weinlandii</i>	----	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca zeugocystis</i>	----	Duellman, 2015	Duellman, 2015
	<i>Gastrotheca walkeri</i>	Duellman, 2015	Mendelson <i>et al.</i> , 2000	Mendelson <i>et al.</i> , 2000
	<i>Hemiphractus bubalus</i>	----	----	Duellman, 2015
	<i>Hemiphractus helioi</i>	----	Duellman, 2015	Duellman, 2015
	<i>Hemiphractus proboscideus</i>	----	Trueb, 1974	Trueb, 1974
	<i>Hemiphractus scutatus</i>	----	Trueb, 1974	Trueb, 1974
	<i>Stefania evansi</i>	Kok & Kalamandeen, 2008	Kok & Kalamandeen, 2008	Duellman & Hoogmoed, 1984
	<i>Stefania ginesi</i>	Señaris <i>et al.</i> , 2014	Señaris <i>et al.</i> , 2014	----
	<i>Stefania scalae</i>	----	----	Duellman, 2015
	<i>Stefania schuberti</i>	Señaris <i>et al.</i> , 2014	Señaris <i>et al.</i> , 2014	----
Hemisotidae	<i>Hemismus marmoratus</i>	Scott, 2005; du Preez & Carruthers, 2009	Scott, 2005	Scott, 2005
Hylidae	<i>Acris crepitans</i>	----	Boulenger, 1882	Duellman, 1970b, Maglia <i>et al.</i> , 2007
	<i>Acris gryllus</i>	----	Boulenger, 1882	----

Hylidae (cont.)	<i>Agalychnis annae</i>	----	Duellman, 1963	----
	<i>Agalychnis aspera</i>	----	Boulenger, 1882	----
	<i>Agalychnis callidryas</i>	Wever, 1985	Boulenger, 1882	Duellman, 1970a, Wever, 1985
	<i>Agalychnis dacnicolor</i>	Wever, 1985; Boulenger, 1882	Boulenger, 1882	Duellman, 1970a, Wever, 1985
	<i>Agalychnis granulosa</i>	----	----	Cruz, 1990
	<i>Agalychnis hulli</i>	Beirne & Witworth, 2011	Beirne & Witworth, 2011	----
	<i>Agalychnis lemur</i>	----	Boulenger, 1882	Duellman, 1970a
	<i>Agalychnis litodryas</i>	----	Duellman & Trueb, 1967	----
	<i>Agalychnis moreletii</i>	----	Boulenger, 1882	Duellman, 1970a
	<i>Agalychnis saltator</i>	----	Savage & Heyer, 1967	----
	<i>Agalychnis spurrelli</i>	----	----	Duellman, 1970a
	<i>Anotheca spinosa</i>	Savage, 2002	Boulenger, 1882; Savage, 2002	----
	<i>Aparasphenodon bruno</i>	----	----	Trueb, 1970b
	<i>Aplastodiscus albofrenatus</i>	Lutz, 1973	Lutz, 1973	----
	<i>Aplastodiscus albosignatus</i>	Lutz, 1973	Lutz, 1973	----
	<i>Aplastodiscus arildae</i>	----	Cruz & Peixoto, 1987 "1985"	----
	<i>Aplastodiscus cavicola</i>	----	Cruz & Peixoto, 1985 "1984"	----
	<i>Aplastodiscus eugenioi</i>	----	Carvalho-e-Silva & Carvalho-e-Silva, 2006	----
	<i>Aplastodiscus leucopygius</i>	----	Cruz & Peixoto, 1985 "1984"	----
	<i>Aplastodiscus perviridis</i>	MOP pers. obs.	MOP pers. obs.	MOP pers. obs.
	<i>Aplastodiscus weygoldti</i>	----	Cruz & Peixoto, 1987 "1985"	----
	<i>Argenteohyla siemersi</i>	Trueb, 1970c	Trueb, 1970c	Trueb, 1970c
	<i>Bokermannohyla astartea</i>	----	Bokermann, 1967a	----
	<i>Bokermannohyla circumdata</i>	Lutz, 1973	Boulenger, 1882; Lutz, 1973	----
	<i>Bokermannohyla hylax</i>	----	Heyer, 1985	----
	<i>Bokermannohyla martinsi</i>	----	Bokermann, 1964a	----

Hylidae (cont.)	<i>Bromeliahyla bromeliacia</i>	----	Duellman, 1970b	Duellman, 1970b
	<i>Charadrahyla nephila</i>	----	Mendelson & Campbell, 1999	----
	<i>Charadrahyla taeniopus</i>	----	Duellman, 1970b	----
	<i>Corythomantis greeningi</i>	----	----	Trueb, 1970b
	<i>Cruziohyla calcarifer</i>	McCranie & Wilson, 2002	Boulenger, 1882; McCranie & Wilson, 2002	----
	<i>Dendropsophus anceps</i>	Lutz, 1973	Lutz, 1973	----
	<i>Dendropsophus berthaltutzae</i>	Lutz, 1973	Lutz, 1973	----
	<i>Dendropsophus bifurcus</i>	----	Duellman, 1974	----
	<i>Dendropsophus bipunctatus</i>	Lutz, 1973	Boulenger, 1882; Lutz, 1973	----
	<i>Dendropsophus branneri</i>	Lutz, 1973	Lutz, 1973	----
	<i>Dendropsophus brevifrons</i>	----	Duellman & Crump, 1974	----
	<i>Dendropsophus ebraccatus</i>	Wever, 1985	----	Wever, 1985
	<i>Dendropsophus elegans</i>	----	Lutz, 1973	----
	<i>Dendropsophus gaucheri</i>	----	Lescure & Marty, 2000	----
	<i>Dendropsophus juliani</i>	----	Moravec <i>et al.</i> , 2006	----
	<i>Dendropsophus koechlini</i>	----	Duellman & Trueb, 1989	----
	<i>Dendropsophus labialis</i>	----	Boulenger, 1882	----
	<i>Dendropsophus marmoratus</i>	Lutz, 1973	Boulenger, 1882; Lutz, 1973	----
	<i>Dendropsophus melanargyreus</i>	----	Bokermann, 1964b	----
	<i>Dendropsophus microcephalus</i>	Wever, 1985	Wever, 1985	Wever, 1985
	<i>Dendropsophus minutus</i>	Lima <i>et al.</i> , 2006	Lima <i>et al.</i> , 2006	MOP pers. obs.
	<i>Dendropsophus miyatai</i>	----	Vigle & Goberdhan-Vigle, 1990	----
	<i>Dendropsophus nanus</i>	Lutz, 1973	Lutz, 1973	----
	<i>Dendropsophus parviceps</i>	----	Boulenger, 1882	----
	<i>Dendropsophus pelidna</i>	----	Duellman, 1989	----

Hylidae (cont.)	<i>Dendropsophus rhodopeplus</i>	----	Duellman, 1972a	----
	<i>Dendropsophus robertmertensi</i>	----	Duellman, 1970b	----
	<i>Dendropsophus rubicundulus</i>	----	Boulenger, 1882	----
	<i>Dendropsophus sarayacuensis</i>	----	Duellman, 1974	----
	<i>Dendropsophus sartoti</i>	----	Duellman, 1970b	----
	<i>Dendropsophus schubarti</i>	Duellman, 2005	Duellman, 2005	Duellman, 2005
	<i>Dendropsophus seniculus</i>	Lutz, 1973	Boulenger, 1882; Lutz, 1973	----
	<i>Dendropsophus timbeba</i>	Duellman, 2005	Duellman, 2005	----
	<i>Dendropsophus triangulum</i>	----	Boulenger, 1882	----
	<i>Dendropsophus tritaeniatus</i>	----	Bokermann, 1965	----
	<i>Diaglena spatulata</i>	----	Duellman, 1970b	Duellman, 1970b
	<i>Duellmanohyla rufiocularis</i>	----	Duellman, 1970b	----
	<i>Duellmanohyla soralia</i>	McCranie & Wilson, 2002	McCranie & Wilson, 2002	----
	<i>Ecnomiohyla miliaria</i>	Savage, 2002	Savage, 2002	----
	<i>Ecnomiohyla miotympanum</i>	----	Duellman, 1970b	Duellman, 1970b
	<i>Exerodonta abdivita</i>	----	Duellman, 2001	----
	<i>Exerodonta chimalaà</i>	----	Mendelson & Campbell, 1994	----
	<i>Exerodonta melanomma</i>	----	----	Duellman, 1970b
	<i>Exerodonta perkinsi</i>	----	Duellman, 2001	----
	<i>Exerodonta smaragdina</i>	----	Duellman, 1970b	----
	<i>Exerodonta sumichrasti</i>	----	Boulenger, 1882	Duellman, 1970b
	<i>Exerodonta xera</i>	----	Duellman, 2001	----
	<i>Hyla annectans</i>	----	Liu, 1950	----
	<i>Hyla andersonii</i>	Dood, 2013	Dood, 2013	----
	<i>Hyla arborea</i>	----	Boulenger, 1882	Parker, 1881
	<i>Hyla arenicolor</i>	----	----	Duellman, 1970b
	<i>Hyla avivoca</i>	Dood, 2013	Dood, 2013	----
	<i>Hyla chinensis</i>	----	Boulenger, 1882	Gaudin, 1974

Hylidae (cont.)	<i>Hyla chrysoscelis</i>	Dood, 2013	Dood, 2013	----
	<i>Hyla cinerea</i>	Wever, 1985	Boulenger, 1882	Wever, 1985; Gaudin1974
	<i>Hyla euphorbiacea</i>	----	Duellman, 1970b	----
	<i>Hyla eximia</i>	----	----	Duellman, 1970b
	<i>Hyla femoralis</i>	Dood, 2013	Dood, 2013	----
	<i>Hyla gratiosa</i>	Dood, 2013	Dood, 2013	----
	<i>Hyla meridionalis</i>	Schleich <i>et al.</i> , 1996	Schleich <i>et al.</i> , 1996	----
	<i>Hyla plicata</i>	----	Duellman, 1970b	----
	<i>Hyla squirella</i>	Dood, 2013	Dood, 2013	----
	<i>Hyla versicolor</i>	Wever, 1985	----	Wever, 1985
	<i>Hyla walkeri</i>	----	Duellman, 1970b	----
	<i>Hyla wrightorum</i>	Dood, 2013	Dood, 2013	----
	<i>Hyloscirtus alytolylax</i>	----	Duellman, 1972a	----
	<i>Hyloscirtus armatus</i>	----	Duellman <i>et al.</i> , 1997	----
	<i>Hyloscirtus colymba</i>	----	----	Duellman, 1970b
	<i>Hyloscirtus larinopygion</i>	----	Rivera-Correa & Faivovich, 2013	----
	<i>Hyloscirtus lindae</i>	----	----	Coloma <i>et al.</i> , 2012
	<i>Hyloscirtus pacha</i>	----	----	Coloma <i>et al.</i> , 2012
	<i>Hyloscirtus palmeri</i>	Savage, 2002	Savage, 2002	----
	<i>Hyloscirtus pantostictus</i>	----	----	Coloma <i>et al.</i> , 2012
	<i>Hyloscirtus phyllognathus</i>	----	Duellman, 1972a	----
	<i>Hyloscirtus psarolaimus</i>	----	----	Coloma <i>et al.</i> , 2012
	<i>Hyloscirtus ptychodactylus</i>	----	----	Coloma <i>et al.</i> , 2012
	<i>Hyloscirtus simmonsii</i>	----	Duellman, 1989	----
	<i>Hyloscirtus staufferorum</i>	----	----	Coloma <i>et al.</i> , 2012
	<i>Hyloscirtus tapichalaca</i>	----	Kizirian <i>et al.</i> , 2003	----
	<i>Hyloscirtus tigrinus</i>	----	Mueses-Cisneros & Anganoy-Criollo, 2008	----

Hylidae (cont.)	<i>Hypsiboas albomarginatus</i>	Lutz, 1973	Lutz, 1973	Parker, 1881
	<i>Hypsiboas albopunctatus</i>	----	Lutz, 1973	----
	<i>Hypsiboas andinus</i>	----	Barrio, 1965	----
	<i>Hypsiboas balzani</i>	----	Duellman <i>et al.</i> , 1997	----
	<i>Hypsiboas bischoffi</i>	Lutz, 1973	Lutz, 1973	----
	<i>Hypsiboas boans</i>	Lima <i>et al.</i> , 2006	Boulenger, 1882; Lima <i>et al.</i> , 2006	----
	<i>Hypsiboas caingua</i>	----	Carrizo, 1990	----
	<i>Hypsiboas calcaratus</i>		Caminer & Ron, 2014	
	<i>Hypsiboas cinerascens</i>	Lima <i>et al.</i> , 2006	Lima <i>et al.</i> , 2006	----
	<i>Hypsiboas cordobae</i>	----	Barrio, 1965	----
	<i>Hypsiboas crepitans</i>	----	Lutz, 1973	----
	<i>Hypsiboas dentei</i>	----	Bokermann, 1967b	----
	<i>Hypsiboas ericae</i>	----	Caramaschi & Cruz, 2000	----
	<i>Hypsiboas faber</i>	Lutz, 1973	Boulenger, 1882	----
	<i>Hypsiboas fasciatus</i>	----	Boulenger, 1882	----
	<i>Hypsiboas geographicus</i>	Boulenger, 1882	Boulenger, 1882	----
	<i>Hypsiboas guentheri</i>	----	Langone, 1997	----
	<i>Hypsiboas heilprini</i>	----	Trueb & Tyler, 1974	----
	<i>Hypsiboas joaquina</i>	----	Garcia <i>et al.</i> , 2003	----
	<i>Hypsiboas lanciformis</i>	Lutz, 1973; Lima <i>et al.</i> , 2006	Boulenger, 1882; Lutz, 1973; Lima <i>et al.</i> , 2006	----
	<i>Hypsiboas latistriatus</i>	----	Caramaschi & Cruz, 2004	----
	<i>Hypsiboas leptolineatus</i>	----	Braun & Braun, 1977	----
	<i>Hypsiboas lundii</i>	----	Bokermann & Sazima, 1978	----
	<i>Hypsiboas marginatus</i>	----	Garcia <i>et al.</i> , 2001	----
	<i>Hypsiboas marianitae</i>	----	Duellman <i>et al.</i> , 1997	----
	<i>Hypsiboas melanopleura</i>	----	Duellman <i>et al.</i> , 1997	----
	<i>Hypsiboas microderma</i>	----	Pyburn, 1977	----

Hylidae (cont.)	<i>Hypsiboas multifasciatus</i>	----	de Sá, 1996	----
	<i>Hypsiboas nympha</i>	----	Faivovich <i>et al.</i> , 2006	----
	<i>Hypsiboas ornatissimus</i>	Kok & Kalamandeen, 2008	Kok & Kalamandeen, 2008	----
	<i>Hypsiboas pardalis</i>	----	Lutz, 1973	----
	<i>Hypsiboas pellucens</i>	----	Duellman, 1971	----
	<i>Hypsiboas picturatus</i>	MOP pers. obs.	MOP pers. obs.	----
	<i>Hypsiboas polytaenius</i>	Lutz, 1973	Boulenger, 1882; Lutz, 1973	----
	<i>Hypsiboas prasinus</i>	----	Lutz, 1973	----
	<i>Hypsiboas pulchellus</i>	DB pers. obs.; Lutz, 1973	DB pers. obs.; Boulenger, 1882; Lutz, 1973	----
	<i>Hypsiboas punctatus</i>	Duellman, 2005	Duellman, 2005	----
	<i>Hypsiboas raniceps</i>	Lutz, 1973	Lutz, 1973	----
	<i>Hypsiboas riojanus</i>	Lutz, 1973	Lutz, 1973	----
	<i>Hypsiboas roraima</i>	----	Duellman & Hoogmoed, 1992	----
	<i>Hypsiboas rosenbergi</i>	----	----	Duellman, 1970b
	<i>Hypsiboas rufitelus</i>	----	----	Duellman, 1970b
	<i>Hypsiboas semiguttatus</i>	García <i>et al.</i> , 2007	García <i>et al.</i> , 2007	----
	<i>Hypsiboas semilineatus</i>	----	Lutz, 1973	----
	<i>Hypsiboas sibleszi</i>	----	Hoogmoed, 1979	----
	<i>Isthmohyla pseudopuma</i>	Savage, 2002	Savage, 2002	----
	<i>Isthmohyla rivularis</i>	Savage, 2002	Savage, 2002	----
	<i>Isthmohyla tica</i>	----	Boulenger, 1882	Duellman, 1970b
	<i>Itapothyia langsdo.rfii</i>	Lutz, 1973	Boulenger, 1882; Lutz, 1973	----
	<i>Litoria adelaidensis</i>	Barker <i>et al.</i> , 1995	Boulenger, 1882; Barker <i>et al.</i> , 1995	----
	<i>Litoria alboguttata</i>	----	Anstis, 2013	----
	<i>Litoria amboinensis</i>	----	Menzies, 2006	----
	<i>Litoria andiirrmalin</i>	----	Anstis, 2013	----
	<i>Litoria angiana</i>	----	----	Tyler & Davies, 1979

Hylidae (cont.)	<i>Litoria arfakiana</i>	----	Boulenger, 1882	----
	<i>Litoria aurea</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Litoria australis</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	Lynch, 1971
	<i>Litoria barringtonensis</i>	----	Anstis, 2013	----
	<i>Litoria bicolor</i>	Barker <i>et al.</i> , 1995	Boulenger, 1882; Barker <i>et al.</i> , 1995	----
	<i>Litoria booroolongensis</i>	----	Anstis, 2013	----
	<i>Litoria brevipes</i>	Barker <i>et al.</i> , 1995	Boulenger, 1882; Barker <i>et al.</i> , 1995	Boulenger, 1882
	<i>Litoria burrowsi</i>	----	Anstis, 2013	----
	<i>Litoria caerulea</i>	Barker <i>et al.</i> , 1995	Boulenger, 1882; Barker <i>et al.</i> , 1995	Tyler & Davies, 1978
	<i>Litoria cavernicola</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Litoria chloris</i>	----	Anstis, 2013	----
	<i>Litoria citropa</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995; Anstis, 2013	----
	<i>Litoria congenita</i>	----	Menzies, 2006	----
	<i>Litoria coplandi</i>	----	Anstis, 2013	----
	<i>Litoria cryptotis</i>	----	Anstis, 2013	----
	<i>Litoria cultripes</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	Lynch, 1971
	<i>Litoria cyclorhyncha</i>	----	Anstis, 2013	----
	<i>Litoria dahlii</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	Lynch, 1971
	<i>Litoria darlingtoni</i>	----	Menzies, 2006	----
	<i>Litoria daviesae</i>	----	Anstis, 2013	----
	<i>Litoria dayi</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995; Anstis, 2013	----
	<i>Litoria dentata</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Litoria electrica</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Litoria eucnemis</i>	----	Anstis, 2013	----
	<i>Litoria ewingii</i>	Barker <i>et al.</i> , 1995	Boulenger, 1882	Parker, 1881

Hylidae (cont.)	<i>Litoria fallax</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Litoria freycineti</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Litoria genimaculata</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Litoria gilleni</i>	----	Anstis, 2013	----
	<i>Litoria gracilentia</i>	----	Boulenger, 1882	----
	<i>Litoria havina</i>	----	Menzies, 2006	----
	<i>Litoria impura</i>	----	Menzies, 2006	----
	<i>Litoria inermis</i>	----	Davies <i>et al.</i> , 1983	----
	<i>Litoria jervisiensis</i>	----	Anstis, 2013	----
	<i>Litoria jungguy</i>	----	Anstis, 2013	----
	<i>Litoria kumae</i>	----	Menzies, 2006	----
	<i>Litoria latopalmata</i>	----	----	Tyler & Davies, 1978
	<i>Litoria lesueurii</i>	Barker <i>et al.</i> , 1995	----	Tyler & Davies, 1978
	<i>Litoria longipes</i>	----	Anstis, 2013	----
	<i>Litoria longirostris</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Litoria maculosa</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Litoria maini</i>	----	Anstis, 2013	----
	<i>Litoria manya</i>	----	Anstis, 2013	----
	<i>Litoria meiriana</i>	----	Anstis, 2013	----
	<i>Litoria microbelos</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Litoria micromembrana</i>	----	----	Tyler & Davies, 1979
	<i>Litoria modica</i>	----	----	Tyler & Davies, 1978
	<i>Litoria moorei</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	Tyler & Davies, 1978
	<i>Litoria nannotis</i>	Barker <i>et al.</i> , 1995	----	----
	<i>Litoria nasuta</i>	----	Anstis, 2013	----
	<i>Litoria nigrofrenata</i>	Barker <i>et al.</i> , 1995	Boulenger, 1882	----
	<i>Litoria novaehollandiae</i>	----	Anstis, 2013	----
	<i>Litoria nudidigita</i>	----	Anstis, 2013	----

Hylidae (cont.)	<i>Litoria nyakalensis</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Litoria pallida</i>	----	Davies <i>et al.</i> , 1983	----
	<i>Litoria paraewingi</i>	----	Anstis, 2013	----
	<i>Litoria pearsoniana</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Litoria peronii</i>	Barker <i>et al.</i> , 1995	Boulenger, 1882	----
	<i>Litoria personata</i>	----	Anstis, 2013	----
	<i>Litoria phyllochroa</i>	Barker <i>et al.</i> , 1995	Boulenger, 1882; Barker <i>et al.</i> , 1995	Parker, 1881
	<i>Litoria platycephala</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	Lynch, 1971
	<i>Litoria pronimia</i>	----	Menzies, 2006	----
	<i>Litoria raniformis</i>	----	Anstis, 2013	----
	<i>Litoria revelata</i>	----	Anstis, 2013	----
	<i>Litoria rheocola</i>	----	Anstis, 2013	----
	<i>Litoria rothi</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Litoria rubella</i>	----	Anstis, 2013	----
	<i>Litoria splendida</i>	----	Anstis, 2013	----
	<i>Litoria subglandulosa</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Litoria tornieri</i>	----	Davies <i>et al.</i> , 1983	----
	<i>Litoria tyleri</i>	----	Anstis, 2013	----
	<i>Litoria vagitus</i>	----	Anstis, 2013	----
	<i>Litoria verreauxii</i>	Barker <i>et al.</i> , 1995	----	Tyler & Davies, 1978
	<i>Litoria verrucosa</i>	----	Anstis, 2013	----
	<i>Litoria watjulumensis</i>	----	Anstis, 2013	----
	<i>Litoria wilcoxii</i>	----	Anstis, 2013	----
	<i>Litoria xanthomera</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995; Anstis, 2013	----
	<i>Lysapsus limellum</i>	MOP pers. obs.	MOP pers. obs.; Boulenger, 1882	----
	<i>Megastomatohyla mixe</i>	----	Duellman, 1970b	----

Hylidae (cont.)	<i>Myersiohyla imparquesi</i>	Ayarzagüena & Señaris, 1993	Ayarzagüena & Señaris, 1993	----
	<i>Myersiohyla kanaïma</i>	----	Duellman & Hoogmoed, 1992	----
	<i>Nyctimantis rugiceps</i>	----	Duellman & Trueb, 1976	----
	<i>Nyctimystes brevipalmatus</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Nyctimystes foricula</i>	----	----	Tyler & Davies, 1979
	<i>Nyctimystes infrafrénatus</i>	Barker <i>et al.</i> , 1995	Boulenger, 1882; Barker <i>et al.</i> , 1995	Tyler & Davies, 1978
	<i>Nyctimystes kubori</i>	----	----	Tyler & Davies, 1979
	<i>Nyctimystes narinusus</i>	----	----	Tyler & Davies, 1979
	<i>Nyctimystes papua</i>	----	----	Tyler & Davies, 1979
	<i>Nyctimystes pulcher</i>	----	----	Tyler & Davies, 1979
	<i>Nyctimystes zweifeli</i>	----	----	Tyler & Davies, 1979
	<i>Osteocephalus alboguttatus</i>	----	Boulenger, 1882	----
	<i>Osteocephalus buckleyi</i>	Jungfer <i>et al.</i> , 2013; Lima <i>et al.</i> , 2006	Jungfer <i>et al.</i> , 2013; Lima <i>et al.</i> , 2006	----
	<i>Osteocephalus cabrerai</i>	----	Jungfer, 2010	----
	<i>Osteocephalus deridens</i>	----	Jungfer <i>et al.</i> , 2000	----
	<i>Osteocephalus fuscifascies</i>	----	Jungfer <i>et al.</i> , 2000	----
	<i>Osteocephalus leprieurii</i>	Kok & Kalamandeen, 2008	Boulenger, 1882; Kok & Kalamandeen, 2008	Trueb & Duellman, 1971
	<i>Osteocephalus mutabor</i>	Kok & Kalamandeen, 2008	Kok & Kalamandeen, 2008	----
	<i>Osteocephalus planiceps</i>	----	Jungfer <i>et al.</i> , 2000	----
	<i>Osteocephalus oophagus</i>	Jungfer <i>et al.</i> , 2013; Lima <i>et al.</i> , 2006	Jungfer <i>et al.</i> , 2013; Lima <i>et al.</i> , 2006	----
	<i>Osteocephalus taurinus</i>	----	----	Trueb, 1970b
	<i>Osteocephalus verruciger</i>	----	Trueb & Duellman, 1971	----
	<i>Osteocephalus yasuni</i>	----	Jungfer <i>et al.</i> , 2013	----
	<i>Osteopilus brunneus</i>	----	Trueb & Tyler, 1974	----
	<i>Osteopilus crucialis</i>	----	Boulenger, 1882	----
	<i>Osteopilus dominicensis</i>	----	Trueb & Tyler, 1974	----

Hylidae (cont.)	<i>Osteopilus marianae</i>	----	Trueb & Tyler, 1974	----
	<i>Osteopilus pulchrilineatus</i>	----	Trueb & Tyler, 1974	----
	<i>Osteopilus septentrionalis</i>	Wever, 1985; Diaz & Cadiz, 2008	Diaz & Cadiz, 2008	Wever, 1985
	<i>Osteopilus vastus</i>	----	Boulenger, 1882	----
	<i>Osteopilus wilderi</i>	----	Trueb & Tyler, 1974	----
	<i>Phasmahyla cochranae</i>	----	Bokermann, 1966	----
	<i>Phasmahyla cruzi</i>	----	Carvalho-e-Silva <i>et al.</i> , 2009	----
	<i>Phasmahyla exilis</i>	----	Cruz, 1980	----
	<i>Phasmahyla guttata</i>	----	----	Cruz, 1990
	<i>Phasmahyla jandaia</i>	----	Bokermann & Sazima, 1978	----
	<i>Phrynomedusa marginata</i>	----	Izecksohn & Cruz, 1976	----
	<i>Phyllodytes auratus</i>	----	Kenny, 1969	----
	<i>Phyllodytes luteolus</i>	----	----	KAV pers. comm.
	<i>Phyllomedusa atelopoides</i>	----	Duellman, 2005	Sheil & Alamillo, 2005
	<i>Phyllomedusa ayeaye</i>	----	Lutz, 1966	----
	<i>Phyllomedusa azurea</i>	MOP pers. obs.	MOP pers. obs.	MOP pers. obs.
	<i>Phyllomedusa bahiana</i>	----	Lutz & Lutz, 1939	----
	<i>Phyllomedusa baltea</i>	----	Duellman & Toft, 1979	----
	<i>Phyllomedusa bicolor</i>	Lima <i>et al.</i> , 2006; Kok & Kalamandeen, 2008	Boulenger, 1882; Lima <i>et al.</i> , 2006; Kok & Kalamandeen, 2008	Parker, 1881
	<i>Phyllomedusa boliviana</i>	----	Cei, 1980	----
	<i>Phyllomedusa burmeisteri</i>	----	Izecksohn & Carvalho-e-Silva, 2001	----
	<i>Phyllomedusa camba</i>	Duellman, 2005	Duellman, 2005	----
	<i>Phyllomedusa centralis</i>	----	Bokermann, 1965	----
	<i>Phyllomedusa duellmani</i>	----	Cannatella, 1982	----
	<i>Phyllomedusa hypochondrialis</i>	----	Caramaschi, 2006	----

Hylidae (cont.)	<i>Phyllomedusa iheringii</i>	----	Langone, 1994	----
	<i>Phyllomedusa megacephala</i>	----	Caramaschi, 2006	----
	<i>Phyllomedusa neildi</i>	----	Barrio-Amorós, 2006	----
	<i>Phyllomedusa nordestina</i>	----	Caramaschi, 2006	----
	<i>Phyllomedusa oreades</i>	----	Brandão, 2002	----
	<i>Phyllomedusa palliata</i>	Boulenger, 1882	Boulenger, 1882	----
	<i>Phyllomedusa perinesos</i>	----	Duellman, 1973	----
	<i>Phyllomedusa rohdei</i>	----	Izecksohn & Carvalho-e-Silva, 2001	----
	<i>Phyllomedusa sauvagii</i>	MOP pers. obs.	MOP pers. obs.	MOP pers. obs.
	<i>Phyllomedusa tarsius</i>	Lima <i>et al.</i> , 2006	Boulenger, 1882; Lima <i>et al.</i> , 2006	----
	<i>Phyllomedusa tetraploidea</i>	----	Pombal & Haddad, 1992	----
	<i>Phyllomedusa tomopterna</i>	Lima <i>et al.</i> , 2006	Lima <i>et al.</i> , 2006	----
	<i>Phyllomedusa trinitatis</i>	----	Funkhouser, 1957	----
	<i>Phyllomedusa vaillanti</i>	----	Funkhouser, 1957	----
	<i>Plectrohyla ameibothalame</i>	----	Canseco-Márquez <i>et al.</i> , 2002	----
	<i>Plectrohyla arborescandens</i>	----	Duellman, 2001	----
	<i>Plectrohyla bistincta</i>	----	Boulenger, 1882	----
	<i>Plectrohyla calthula</i>	----	Duellman, 2001	----
	<i>Plectrohyla chrysopleura</i>	----	Duellman, 2001	----
	<i>Plectrohyla cyclada</i>	----	Duellman, 2001	----
	<i>Plectrohyla glandulosa</i>	----	Duellman, 1970b	----
	<i>Plectrohyla guatemalensis</i>	----	Boulenger, 1882	----
	<i>Plectrohyla mutadai</i>	----	Duellman, 1970b	----
	<i>Plectrohyla pentheter</i>	----	Duellman, 1970b	----
	<i>Plectrohyla siopela</i>	----	Duellman, 1970b	Duellman, 1970b
	<i>Pseudacris brachypona</i>	Dood, 2013	Dood, 2013	----
	<i>Pseudacris brimleyi</i>	Dood, 2013	Dood, 2013	----

Hylidae (cont.)	<i>Pseudacris cadaverina</i>	----	Duellman, 1970b	----
	<i>Pseudacris clarkii</i>	----	----	Duellman, 1970b
	<i>Pseudacris crucifer</i>	Dood, 2013	Dood, 2013	----
	<i>Pseudacris feriarum</i>	Dood, 2013	Dood, 2013	----
	<i>Pseudacris fouqueti</i>	----	Elliot <i>et al.</i> , 2009	----
	<i>Pseudacris illinoensis</i>	Dood, 2013	Dood, 2013	----
	<i>Pseudacris kalmi</i>	----	Elliot <i>et al.</i> , 2009	----
	<i>Pseudacris maculata</i>	----	Elliot <i>et al.</i> , 2009	----
	<i>Pseudacris nigrita</i>	----	Boulenger, 1882	----
	<i>Pseudacris ocularis</i>	----	Boulenger, 1882	Gaudin, 1974
	<i>Pseudacris ornata</i>	----	Boulenger, 1882	Gaudin, 1974
	<i>Pseudacris regilla</i>	----	Boulenger, 1882	Gaudin, 1974
	<i>Pseudacris streckeri</i>	Wever, 1985	----	Wever, 1985
	<i>Pseudacris triseriata</i>	----	Boulenger, 1882	----
	<i>Pseudis bolbodactyla</i>	----	Caramaschi & Cruz, 1998	----
	<i>Pseudis cardosoi</i>	----	Kwet, 2000	----
	<i>Pseudis fusca</i>	----	Caramaschi & Cruz, 1998	----
	<i>Pseudis minuta</i>	MOP pers. obs.	MOP pers. obs.; Boulenger, 1882	Parker, 1881
	<i>Pseudis paradoxa</i>	Duellman, 2005	Boulenger, 1882; Duellman, 2005	Parker, 1881
	<i>Pseudis tocantins</i>	----	Caramaschi & Cruz, 1998	----
	<i>Ptychohyla dendrophasma</i>	----	Duellman, 2001	----
	<i>Ptychohyla euthysanota</i>	----	Duellman, 1970b	----
	<i>Ptychohyla hypomykter</i>	----	McCranie & Wilson, 1993	----
	<i>Ptychohyla leonhardschultzei</i>	----	Duellman, 1970b	----
	<i>Ptychohyla spinipollex</i>	----	----	Duellman, 1970b
	<i>Ptychohyla zophodes</i>	----	Duellman, 2001	----
	<i>Scarthyla goinorum</i>	Duellman, 2005	Duellman, 2005	KAV pers. comm.

Hylidae (cont.)	<i>Scinax acuminatus</i>	DB pers. obs.	DB pers. obs.; Boulenger, 1882	----
	<i>Scinax berthae</i>	Barrio, 1962	Barrio, 1962	----
	<i>Scinax boesemani</i>	Lima <i>et al.</i> , 2006; Kok & Kalamandeen, 2008	Lima <i>et al.</i> , 2006; Kok & Kalamandeen, 2008	----
	<i>Scinax boulengeri</i>	Wever, 1985	----	Wever, 1985
	<i>Scinax catharinae</i>	----	JF pers. obs.	JF pers. obs.
	<i>Scinax crospedospilus</i>	----	Heyer <i>et al.</i> , 1990	----
	<i>Scinax cruentommus</i>	----	JF pers. obs.	JF pers. obs.
	<i>Scinax elaeochrous</i>	----	Boulenger, 1882	Duellman, 1970b
	<i>Scinax faivovichi</i>	Brasileiro <i>et al.</i> , 2007	Brasileiro <i>et al.</i> , 2007	----
	<i>Scinax fuscovarius</i>	DB pers. obs.; Lutz, 1973	DB pers. obs.; Lutz, 1973	----
	<i>Scinax garbei</i>	Lima <i>et al.</i> , 2006	JF pers. obs.; Lima <i>et al.</i> , 2006	JF pers. obs.
	<i>Scinax nasicus</i>	----	Boulenger, 1882	----
	<i>Scinax nebulosus</i>	----	JF pers. obs.	JF pers. obs.
	<i>Scinax perpusillus</i>	Lutz, 1973	JF pers. obs.; Lutz, 1973	JF pers. obs.
	<i>Scinax rostratus</i>	----	Boulenger, 1882	Duellman, 1970b
	<i>Scinax ruber</i>	----	JF pers. obs.	JF pers. obs.
	<i>Scinax squalirostris</i>	----	JF pers. obs.	JF pers. obs.
	<i>Scinax staufferi</i>	----	Boulenger, 1882	----
	<i>Scinax uruguayus</i>	Giraudo <i>et al.</i> , 2005	Giraudo <i>et al.</i> , 2005	----
	<i>Smilisca baudinii</i>	Savage, 2002	Boulenger, 1882; Savage, 2002	Trueb, 1970a
	<i>Smilisca cyanosticta</i>	----	Duellman, 1970b	----
	<i>Smilisca fodiens</i>	----	----	Trueb, 1970a
	<i>Smilisca phaeota</i>	Wever, 1985; Savage, 2002	Savage, 2002	Wever, 1985
	<i>Smilisca puma</i>	----	Duellman, 1970b	----
	<i>Smilisca sila</i>	----	Duellman, 1970b	----
	<i>Smilisca sordida</i>	----	Boulenger, 1882	Duellman, 1970b

Hylidae (cont.)	<i>Sphaenorhynchus lacteus</i>	Duellman, 2005	Duellman, 2005	KAV pers. comm.
	<i>Tepuhyla talbergae</i>	Kok & Kalamandeen, 2008	Kok & Kalamandeen, 2008	----
	<i>Tepuihyla aecii</i>	----	Ayarzagüena <i>et al.</i> , 1992	----
	<i>Tepuihyla exophthalma</i>	Smith & Noonan (2001)	Smith & Noonan (2001)	Smith & Noonan (2001)
	<i>Tepuihyla edelcae</i>	----	Ayarzagüena <i>et al.</i> , 1992	----
	<i>Tepuihyla rodriguezi</i>	----	Ayarzagüena <i>et al.</i> , 1992	----
	<i>Tlalocohyla godmani</i>	----	Duellman, 1970b	----
	<i>Tlalocohyla loquax</i>	Savage, 2002	Savage, 2002	Duellman, 1970b
	<i>Tlalocohyla picta</i>	----	Duellman, 1970b	----
	<i>Tlalocohyla smithii</i>	----	Duellman, 1970b	----
	<i>Trachycephalus hadroceps</i>	----	Duellman & Hoogmoed, 1992	----
	<i>Trachycephalus jordani</i>	----	----	Trueb, 1970b
	<i>Trachycephalus mesophaeus</i>	Boulenger, 1882	Boulenger, 1882	----
	<i>Trachycephalus nigromaculatus</i>	----	----	Trueb, 1970b
	<i>Trachycephalus resinifictrix</i>	Lima <i>et al.</i> , 2006	Lima <i>et al.</i> , 2006	----
	<i>Trachycephalus typhonius</i>	Lutz, 1973	Lutz, 1973	Trueb, 1970b, Duellman, 1970b
	<i>Tripurion petasatus</i>	----	Duellman, 1970b	Duellman, 1970b
	<i>Xenohyla truncata</i>	Lutz, 1973	Lutz, 1973	KAV pers. comm.
Hylodidae	<i>Crossodactylus schmidtii</i>	MOP pers. obs.	MOP pers. obs.	MOP pers. obs.
	<i>Hylodes ornatus</i>	----	Bokermann, 1967c	----
	<i>Megaelosia goeldii</i>	----	----	Lynch, 1971
Hyperoliidae	<i>Acanthixalus spinosus</i>	Drewes, 1984	Amiet, 2012	----
	<i>Afrixalus dorsalis</i>	----	Drewes, 1984	----
	<i>Afrixalus fornasini</i>	du Preez & Carruthers, 2009	du Preez & Carruthers, 2009	Laurent, 1944
	<i>Afrixalus laevis</i>	----	----	Laurent, 1944
	<i>Alexteroon obstetricans</i>	----	Amiet, 2012	----

Hyperoliidae (cont.)	<i>Cryptothylax gresshoffi</i>	----	Drewes, 1984	Laurent & Combaz, 1950; Liem, 1970
	<i>Heterixalus alboguttatus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Heterixalus betsileo</i>	Glaw & Vences, 2007	----	Laurent, 1944
	<i>Heterixalus boettgeri</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Heterixalus carbonei</i>	Vences <i>et al.</i> , 2000	Vences <i>et al.</i> , 2000	----
	<i>Heterixalus madagascariensis</i>	Glaw & Vences, 2007	Vences <i>et al.</i> , 2002; Glaw & Vences, 2007	Laurent, 1944
	<i>Heterixalus punctatus</i>	----	Vences <i>et al.</i> , 2002	----
	<i>Heterixalus tricolor</i>	----	Glaw & Vences, 2007	----
	<i>Hyperolius benguellensis</i>	du Preez & Carruthers, 2009	----	Laurent, 1944
	<i>Hyperolius castaneus</i>	----	Laurent, 1944	Laurent, 1944
	<i>Hyperolius chlorosteus</i>	----	Boulenger, 1915	----
	<i>Hyperolius concolor</i>	----	Amiet, 2012	----
	<i>Hyperolius guttulatus</i>	----	Boulenger, 1882	----
	<i>Hyperolius nasutus</i>	Drewes, 1984; du Preez & Carruthers, 2009; Harper <i>et al.</i> , 2010	Harper <i>et al.</i> , 2010	Laurent, 1944
	<i>Hyperolius ocellatus</i>	----	Laurent, 1944	Laurent, 1944
	<i>Hyperolius phantasticus</i>	----	Drewes, 1984	Laurent, 1944
	<i>Hyperolius puncticulatus</i>	----	Schiotz, 1975	----
	<i>Hyperolius pusillus</i>	Drewes, 1984; du Preez & Carruthers, 2009	----	Laurent, 1944
	<i>Hyperolius tuberilinguis</i>	du Preez & Carruthers, 2009	du Preez & Carruthers, 2009	----
	<i>Hyperolius viridiflavus</i>	Wever, 1985	Wever, 1985	Wever, 1985; Laurent, 1944
	<i>Kassina maculata</i>	du Preez & Carruthers, 2009	Drewes, 1984; du Preez & Carruthers, 2009	----
	<i>Kassina senegalensis</i>	Scott, 2005; du Preez & Carruthers, 2009	Scott, 2005; Boulenger, 1882; Drewes, 1984; du Preez & Carruthers, 2009	Scott, 2005

Hyperoliidae (cont.)	<i>Morerella cyanophthalma</i>	Rödel <i>et al.</i> , 2009	Rödel <i>et al.</i> , 2009	Rödel <i>et al.</i> , 2009
	<i>Opisthotylax immaculatus</i>	Drewes, 1984	----	Drewes, 1984
	<i>Phlyctimantis leonardi</i>	----	Drewes, 1984	----
	<i>Phlyctimantis verrucosus</i>	Spawls <i>et al.</i> , 2006	Spawls <i>et al.</i> , 2006	Laurent, 1941b
	<i>Semnodactylus wealii</i>	du Preez & Carruthers, 2009	Drewes, 1984; Boulenger, 1882	----
	<i>Tachycnemis seychellensis</i>	----	Drewes, 1984; Boulenger, 1882	----
Leiopelmatidae	<i>Leiopelma archeyi</i>	----	----	Stephenson, 1951
	<i>Leiopelma hochstetteri</i>	Wever, 1985	Wever, 1985	Wever, 1985
Leptodactylidae	<i>Adenomera andreae</i>	Lima <i>et al.</i> , 2006	Lima <i>et al.</i> , 2006	----
	<i>Adenomera heyeri</i>	Boistel <i>et al.</i> , 2006	Boistel <i>et al.</i> , 2006	Boistel <i>et al.</i> , 2006
	<i>Adenomera hylaedactyla</i>	Lima <i>et al.</i> , 2006	Lima <i>et al.</i> , 2006	Lynch, 1971
	<i>Edalorhina perezi</i>	Beirne & Witworth, 2011	Boulenger, 1882; Beirne & Witworth, 2011	Lynch, 1971
	<i>Engystomops coloradum</i>	Nascimento <i>et al.</i> , 2005	----	----
	<i>Engystomops guayaco</i>	Nascimento <i>et al.</i> , 2005	----	----
	<i>Engystomops montubio</i>	Nascimento <i>et al.</i> , 2005	----	----
	<i>Engystomops petersi</i>	Nascimento <i>et al.</i> , 2005	DB pers. obs.	Lynch, 1971
	<i>Engystomops pustulatus</i>	DB pers. obs.	DB pers. obs.	Lynch, 1971
	<i>Engystomops pustulosus</i>	Nascimento <i>et al.</i> , 2005	----	Lynch, 1971
	<i>Engystomops randi</i>	Nascimento <i>et al.</i> , 2005	----	----
	<i>Leptodactylus albilabris</i>	----	Ponssa, 2008.	Lynch, 1971; Ponssa, 2008
	<i>Leptodactylus bolivianus</i>	----	----	Lynch, 1971
	<i>Leptodactylus bufonius</i>	DB pers. obs.	DB pers. obs.; Ponssa, 2008	Lynch, 1971; Ponssa, 2008
	<i>Leptodactylus chaquensis</i>	DB pers. obs.	DB pers. obs.	Lynch, 1971
	<i>Leptodactylus diedrus</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	----
	<i>Leptodactylus discodactylus</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	----
	<i>Leptodactylus didymus</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	----

Leptodactylidae (cont.)	<i>Leptodactylus elenae</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	----
	<i>Leptodactylus fallax</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	----
	<i>Leptodactylus fuscus</i>	Lima <i>et al.</i> , 2006	Ponssa, 2008; Lima <i>et al.</i> , 2006	Parker, 1881; Ponssa, 2008
	<i>Leptodactylus gracilis</i>	Boulenger, 1882	Boulenger, 1882; Ponssa, 2008	Lynch, 1971; Ponssa, 2008
	<i>Leptodactylus griseigularis</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	----
	<i>Leptodactylus knudseni</i>	Lima <i>et al.</i> , 2006	Lima <i>et al.</i> , 2006	----
	<i>Leptodactylus labyrinthicus</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	----
	<i>Leptodactylus latrans</i>	DB pers. obs.	DB pers. obs.	Parker, 1881
	<i>Leptodactylus leptodactyloides</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	----
	<i>Leptodactylus longirostris</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	----
	<i>Leptodactylus melanonotus</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	Lynch, 1971
	<i>Leptodactylus myersi</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	----
	<i>Leptodactylus mystaceus</i>	Lima <i>et al.</i> , 2006	Ponssa, 2008; Lima <i>et al.</i> , 2006	Lynch, 1971; Ponssa, 2008
	<i>Leptodactylus mystacinus</i>	MOP pers. obs.	MOP pers. obs.; Ponssa, 2008	Lynch, 1971; Ponssa, 2008
	<i>Leptodactylus notoaktites</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	----
	<i>Leptodactylus pentadactylus</i>	Lima <i>et al.</i> , 2006	Boulenger, 1882; Lima <i>et al.</i> , 2006	Lynch, 1971
	<i>Leptodactylus plaumanni</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	----
	<i>Leptodactylus podicipinus</i>	DB pers. obs.	DB pers. obs.	Lynch, 1971
	<i>Leptodactylus rhodonotus</i>	Duellman, 2005	Duellman, 2005	----
	<i>Leptodactylus rhodomystax</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	----
	<i>Leptodactylus riveroi</i>	Lima <i>et al.</i> , 2006	Lima <i>et al.</i> , 2006	----
	<i>Leptodactylus silvanimbus</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	----
	<i>Leptodactylus spixi</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	----
	<i>Leptodactylus stenodema</i>	Lima <i>et al.</i> , 2006	Lima <i>et al.</i> , 2006	----
	<i>Leptodactylus syphax</i>	DB pers. obs.	DB pers. obs.	Lynch, 1971
	<i>Leptodactylus validus</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	----

Leptodactylidae (cont.)	<i>Leptodactylus vastus</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	----
	<i>Leptodactylus wagneri</i>	de Sá <i>et al.</i> , 2014	de Sá <i>et al.</i> , 2014	Lynch, 1971
	<i>Lithodytes lineatus</i>	Lima <i>et al.</i> , 2006	Lima <i>et al.</i> , 2006	Lynch, 1971
	<i>Paratelmatoobius cardosoi</i>	----	----	Fouquet <i>et al.</i> , 2013
	<i>Paratelmatoobius poecilogaster</i>	----	----	BLB pers. obs.; Fouquet <i>et al.</i> , 2013
	<i>Physalaemus albonotatus</i>	DB pers. obs.	DB pers. obs.	Lynch, 1971
	<i>Physalaemus biligonigerus</i>	Boulenger, 1882	DB pers. obs.	DB pers. obs.; Lynch, 1971
	<i>Physalaemus centralis</i>	DB pers. obs.	DB pers. obs.	Lynch, 1971
	<i>Physalaemus cuvieri</i>	DB pers. obs.	DB pers. obs.	Lynch, 1971
	<i>Physalaemus gracilis</i>	----	Boulenger, 1882	Lynch, 1971
	<i>Physalaemus nattereri</i>	DB pers. obs.	DB pers. obs.	Lynch, 1971
	<i>Physalaemus signifer</i>	----	----	Lynch, 1971
	<i>Pleurodema brachyops</i>	Wever, 1985	Wever, 1985	Lynch, 1971; Wever, 1985
	<i>Pleurodema cinereum</i>	DB pers. obs.	DB pers. obs.; Boulenger, 1882	Lynch, 1971
	<i>Pleurodema diplolister</i>	----	Boulenger, 1882	Lynch, 1971
	<i>Pleurodema kriegi</i>	----	MOP pers. obs.	MOP pers. obs.
	<i>Pleurodema marmoratum</i>	DB pers. obs.	DB pers. obs.	----
	<i>Pleurodema tucumanum</i>	----	MOP pers. obs.	MOP pers. obs.
	<i>Pseudopaludicola falcipes</i>	DB pers. obs.; Boulenger, 1882	DB pers. obs.	Lynch, 1971
	<i>Pseudopaludicola mystacalis</i>	DB pers. obs.	DB pers. obs.	Lynch, 1971
Limnodynastidae	<i>Scythrophrys sawayae</i>	Lynch, 1971		Verdade, 2005
	<i>Adelotus brevis</i>	Boulenger, 1882	----	Lynch, 1971
	<i>Heleioporus australiacus</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	Lynch, 1971
	<i>Lechriodus fletcheri</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	Lynch, 1971
	<i>Lechriodus melanopyga</i>	Boulenger, 1882	Boulenger, 1882	----
	<i>Limnodynastes depressus</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Limnodynastes dorsalis</i>	Barker <i>et al.</i> , 1995	----	Lynch, 1971

Limnodynastidae (cont.)	<i>Limnodynastes dumerilii</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Limnodynastes fletcheri</i>	Barker <i>et al.</i> , 1995	----	Lynch, 1971
	<i>Limnodynastes lignarius</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Limnodynastes peronii</i>	Barker <i>et al.</i> , 1995	Boulenger, 1882	Lynch, 1971
	<i>Limnodynastes salmini</i>	Barker <i>et al.</i> , 1995	Boulenger, 1882; Barker <i>et al.</i> , 1995	Boulenger, 1882
	<i>Limnodynastes tasmaniensis</i>	Boulenger, 1882; Barker <i>et al.</i> , 1995	----	Lynch, 1971; Parker, 1881
	<i>Neobatrachus pelobatoides</i>	Anstis, 2013	Anstis, 2013	----
	<i>Neobatrachus pictus</i>	Barker <i>et al.</i> , 1995	----	Lynch, 1971
	<i>Neobatrachus sudelli</i>	Barker <i>et al.</i> , 1995	----	Lynch, 1971
	<i>Notaden bennettii</i>	Barker <i>et al.</i> , 1995	----	Lynch, 1971
	<i>Philoria sphagnicolus</i>	Barker <i>et al.</i> , 1995	----	Lynch, 1971
	<i>Platyplectrum ornatum</i>	Barker <i>et al.</i> , 1995	Boulenger, 1882; Barker <i>et al.</i> , 1995	Boulenger, 1882
Mantellidae	<i>Aglyptodactylus madagascariensis</i>	Glaw & Vences, 2007	Boulenger, 1882; Glaw & Vences, 2007	----
	<i>Blommersia blommersae</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Blommersia domerguei</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Blommersia grandisonae</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Blommersia madinika</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Blommersia sarotra</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Boehmantis microtympanum</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Boophis ankaratra</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Boophis axelmeyeri</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Boophis bottae</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Boophis englaenderi</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Boophis goudotii</i>	Boulenger, 1882	Boulenger, 1882	Laurent, 1943
	<i>Boophis idae</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Boophis madagascariensis</i>	----	Boulenger, 1882	----

Mantellidae (cont.)	<i>Boophis mandraka</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Boophis marojejensis</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Boophis pauliani</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Boophis phyrus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Boophis picturatus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Boophis rufiocularis</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Boophis sambirano</i>	----	Vences & Glaw, 2005	----
	<i>Boophis sibilans</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Boophis tephraeomystax</i>	Glaw & Vences, 2007	Glaw & Vences, 2007; Boulenger, 1882	----
	<i>Boophis vittatus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Boophis williamsi</i>	Glaw & Vences, 2007	Guibe, 1974; Glaw & Vences, 2007	----
	<i>Gephyromantis asper</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Gephyromantis azurrae</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Gephyromantis blanci</i>	----	Glaw & Vences, 2007	----
	<i>Gephyromantis boulengeri</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Gephyromantis cornutus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Gephyromantis corvus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Gephyromantis eiselti</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Gephyromantis granulatus</i>	----	Boulenger, 1882	----
	<i>Gephyromantis horridus</i>	Glaw & Vences, 2007	Vences <i>et al.</i> , 2002	----
	<i>Gephyromantis klemmeri</i>	Glaw & Vences, 2007	Guibe, 1974; Glaw & Vences, 2007	----
	<i>Gephyromantis luecocephalus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Gephyromantis leucomaculatus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Gephyromantis luteus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Gephyromantis malagasius</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----

Mantellidae (cont.)	<i>Gephyromantis plicifer</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Gephyromantis pseudoasper</i>	Glaw & Vences, 2007	Guibe, 1974; Glaw & Vences, 2007	----
	<i>Gephyromantis redimitus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Gephyromantis rivicola</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Gephyromantis salegy</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Gephyromantis sculpturatus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Gephyromantis striatus</i>	Glaw & Vences, 2007	Vences <i>et al.</i> , 2002	----
	<i>Gephyromantis ventrimaculatus</i>	Vences <i>et al.</i> , 2002; Glaw & Vences, 2007	Vences <i>et al.</i> , 2002; Glaw & Vences, 2007	----
	<i>Gephyromantis zavona</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Guibemantis albolineatus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Guibemantis bicalcaratus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Guibemantis liber</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Guibemantis pulcher</i>	----	Boulenger, 1882	----
	<i>Guibemantis punctatus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Guibemantis tornieri</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Laliostoma labrosum</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Mantella aurantiaca</i>	Scott, 2005	Vences <i>et al.</i> , 2002	Scott, 2005
	<i>Mantella baroni</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Mantella betsileo</i>	----	Boulenger, 1882	----
	<i>Mantella bernhardi</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Mantella crocea</i>	----	Vences <i>et al.</i> , 2002	----
	<i>Mantella ebenau</i>	----	Boulenger, 1882	----
	<i>Mantella expectata</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Mantella laevigata</i>	----	Vences <i>et al.</i> , 2002	----
	<i>Mantella madagascariensis</i>	----	Boulenger, 1882	----
	<i>Mantella nigricans</i>	----	Glaw & Vences, 2007	----
	<i>Mantella viridis</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----

Mantellidae (cont.)	<i>Mantidactylus aerumnalis</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Mantidactylus ambreensus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Mantidactylus argenteus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Mantidactylus betsileanus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Mantidactylus biporus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Mantidactylus charlotteae</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Mantidactylus curtus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Mantidactylus femoralis</i>	Scott, 2005; Glaw & Vences, 2007	Glaw & Vences, 2007	Scott, 2005
	<i>Mantidactylus lugubris</i>	----	Boulenger, 1882	----
	<i>Mantidactylus majori</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Mantidactylus mocquardi</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Mantidactylus opiparis</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Mantidactylus ulcerosus</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Spinomantis aglavei</i>	----	Vences <i>et al.</i> , 2002	----
	<i>Spinomantis guibei</i>	----	Guibe, 1974	----
	<i>Tsingymantis antitra</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
Megophryidae	<i>Brachytarsophrys feae</i>	Boulenger, 1887	----	----
	<i>Leptobrachium banae</i>	----	Lathrop <i>et al.</i> , 1998a	----
	<i>Leptobrachium chapaense</i>	Delorme <i>et al.</i> , 2006	Delorme <i>et al.</i> , 2006	----
	<i>Leptobrachium echinatum</i>	Delorme <i>et al.</i> , 2006	Delorme <i>et al.</i> , 2006	----
	<i>Leptobrachium hasseltii</i>	Delorme <i>et al.</i> , 2006	Delorme <i>et al.</i> , 2006; Cannatella & Trueb, 1988	Cannatella & Trueb, 1988
	<i>Leptobrachium hendricksoni</i>	Delorme <i>et al.</i> , 2006	Delorme <i>et al.</i> , 2006	----
	<i>Leptobrachium mouhoti</i>	----	Stuart <i>et al.</i> , 2006	----
	<i>Leptobrachium montanum</i>	Delorme <i>et al.</i> , 2006	Delorme <i>et al.</i> , 2006	----
	<i>Leptobrachium nigrops</i>	Delorme <i>et al.</i> , 2006	Delorme <i>et al.</i> , 2006	----
	<i>Leptobrachium pullum</i>	Delorme <i>et al.</i> , 2006	Delorme <i>et al.</i> , 2006	----
	<i>Leptobrachium smithi</i>	Delorme <i>et al.</i> , 2006	Delorme <i>et al.</i> , 2006	----

Megophryidae (cont.)	<i>Leptolalax arayai</i>	Lathrop <i>et al.</i> , 1998b	Lathrop <i>et al.</i> , 1998b	----
	<i>Leptolalax bourreti</i>	Ohler <i>et al.</i> , 2011	Ohler <i>et al.</i> , 2011	----
	<i>Leptolalax oshanensis</i>	----	Liu, 1950	-----
	<i>Leptolalax pelodytoides</i>	Lathrop <i>et al.</i> , 1998b	Lathrop <i>et al.</i> , 1998b	----
	<i>Leptolalax pictus</i>	Inger & Stuebing, 1997	Inger & Stuebing, 1997	----
	<i>Leptolalax pluvialis</i>	Ohler <i>et al.</i> , 2011	Ohler <i>et al.</i> , 2011	----
	<i>Leptolalax ventripunctatus</i>	Ohler <i>et al.</i> , 2011	Ohler <i>et al.</i> , 2011	----
	<i>Megophrys baluensis</i>	----	Wang <i>et al.</i> , 2012	----
	<i>Megophrys longipes</i>	----	Wang <i>et al.</i> , 2012	----
	<i>Megophrys major</i>	----	Wang <i>et al.</i> , 2012	----
	<i>Megophrys minor</i>	----	Wang <i>et al.</i> , 2012	----
	<i>Megophrys nasuta</i>	Wever, 1985	Wever, 1985; Delorme <i>et al.</i> , 2006	Wever, 1985
	<i>Megophrys parva</i>	----	Wang <i>et al.</i> , 2012; Boulenger, 1882	----
	<i>Megophrys shapingensis</i>	----	Wang <i>et al.</i> , 2012	----
	<i>Megophrys spinata</i>	----	Wang <i>et al.</i> , 2012	----
	<i>Ophryophryne hansi</i>	----	Stuart <i>et al.</i> , 2006	----
	<i>Ophryophryne microstoma</i>	----	Wang <i>et al.</i> , 2012; Delorme <i>et al.</i> , 2006	----
	<i>Oreolalax chuanbeiensis</i>	Wu <i>et al.</i> , 1993	----	Wu <i>et al.</i> , 1993
	<i>Oreolalax jiandongensis</i>	Wei <i>et al.</i> , 2009	----	----
	<i>Oreolalax liangbeiensis</i>	Wei <i>et al.</i> , 2009	Wei <i>et al.</i> , 2009	Wei <i>et al.</i> , 2009
	<i>Oreolalax lichuanensis</i>	Wei <i>et al.</i> , 2009	Wei <i>et al.</i> , 2009; Wu <i>et al.</i> , 1993	Wei <i>et al.</i> , 2009
	<i>Oreolalax major</i>	Wu <i>et al.</i> , 1993; Wei <i>et al.</i> , 2009	Wu <i>et al.</i> , 1993; Wei <i>et al.</i> , 2009	Wu <i>et al.</i> , 1993; Wei <i>et al.</i> , 2009
	<i>Oreolalax multipunctatus</i>	Wei <i>et al.</i> , 2009	Wei <i>et al.</i> , 2009	Wei <i>et al.</i> , 2009
	<i>Oreolalax nanjiangensis</i>	Wei <i>et al.</i> , 2009	Wei <i>et al.</i> , 2009	Wei <i>et al.</i> , 2009
	<i>Oreolalax omeimontis</i>	Wei <i>et al.</i> , 2009	Wei <i>et al.</i> , 2009	Wei <i>et al.</i> , 2009

Megophryidae (cont.)	<i>Oreolalax pingii</i>	Delorme <i>et al.</i> , 2006; Wei <i>et al.</i> , 2009	Delorme <i>et al.</i> , 2006; Wei <i>et al.</i> , 2009	Wei <i>et al.</i> , 2009
	<i>Oreolalax popei</i>	Delorme <i>et al.</i> , 2006; Wei <i>et al.</i> , 2009	Delorme <i>et al.</i> , 2006; Wei <i>et al.</i> , 2009	Wei <i>et al.</i> , 2009
	<i>Oreolalax rhodostigmatus</i>	Wu <i>et al.</i> , 1993; Delorme <i>et al.</i> , 2006; Wei <i>et al.</i> , 2009	Wu <i>et al.</i> , 1993; Delorme <i>et al.</i> , 2006; Wei <i>et al.</i> , 2009	Wu <i>et al.</i> , 1993; Wei <i>et al.</i> , 2009
	<i>Oreolalax rugosus</i>	Wu <i>et al.</i> , 1993; Wei <i>et al.</i> , 2009	Wu <i>et al.</i> , 1993; Wei <i>et al.</i> , 2009	Wu <i>et al.</i> , 1993; Wei <i>et al.</i> , 2009
	<i>Oreolalax schmidtii</i>	Delorme <i>et al.</i> , 2006; Wei <i>et al.</i> , 2009	Delorme <i>et al.</i> , 2006; Wei <i>et al.</i> , 2009	Wei <i>et al.</i> , 2009
	<i>Oreolalax xiangchengensis</i>	Wei <i>et al.</i> , 2009	----	----
	<i>Scutiger boulengeri</i>	----	----	Fu <i>et al.</i> , 1997
	<i>Scutiger chintingensis</i>	----	----	Fu <i>et al.</i> , 1997
	<i>Scutiger mammatus</i>	----	Günther, 1896	Fu <i>et al.</i> , 1997
	<i>Scutiger muliensis</i>	----	----	Fu <i>et al.</i> , 1997
	<i>Scutiger tuberculatus</i>	----	----	Fu <i>et al.</i> , 1997
Micrixalidae	<i>Micrixalus fuscus</i>	----	Boulenger, 1882; Biju <i>et al.</i> , 2014a	Biju <i>et al.</i> , 2014a
	<i>Micrixalus kottigeharensis</i>	----	Rao, 1937; Biju <i>et al.</i> , 2014a	----
	<i>Micrixalus saxicola</i>	----	Biju <i>et al.</i> , 2014a; Chandramouli & Dutta, 2015	Chandramouli & Dutta, 2015
Microhylidae	<i>Anodonthyla boulengerii</i>	Glaw & Vences, 2007	Glaw & Vences, 2007; Parker, 1934	Parker, 1934
	<i>Anodonthyla montana</i>	Glaw & Vences, 2007	Glaw & Vences, 2007; Parker, 1934	Parker, 1934
	<i>Anodonthyla moramora</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Anodonthyla rouxae</i>	Glaw & Vences, 2007	Guibe, 1974; Glaw & Vences, 2007	----
	<i>Apantophryne pansa</i>	----	Parker, 1934	Parker, 1934
	<i>Asterophrys turpicola</i>	Zweifel, 1972	Zweifel, 1972	----
	<i>Austrochaperina palmipes</i>	Zweifel, 1956a	Zweifel, 1956a	Zweifel, 1956a

Microhylidae (cont.)	<i>Barygenys flavigularis</i>	Zweifel, 1972	Zweifel, 1972	----
	<i>Calluela guttulata</i>	Boulenger, 1882	Parker, 1934	Parker, 1934
	<i>Calluela minuta</i>	----	Parker, 1934	Parker, 1934
	<i>Calluela yunnanensis</i>	Zhao & Adler, 1993	Parker, 1934	Parker, 1934
	<i>Callulops robustus</i>	Zweifel, 1972	Parker, 1934; Zweifel, 1972	Parker, 1934
	<i>Chaperina fusca</i>	Inger, 1966	Inger, 1966; Parker, 1934	Parker, 1934
	<i>Chiasmocleis albopunctata</i>	----	Parker, 1934	Parker, 1934
	<i>Chiasmocleis hudsoni</i>	Lima <i>et al.</i> , 2006	Lima <i>et al.</i> , 2006	----
	<i>Choerophryne rostellifer</i>	----	Parker, 1934	Parker, 1934
	<i>Cophixalus ornatus</i>	----	----	Zweifel, 1985
	<i>Cophyla berara</i>	----	Glaw & Vences, 2007	----
	<i>Cophyla phyllodactyla</i>	Glaw & Vences, 2007	Boulenger, 1882; Glaw & Vences, 2007; Parker, 1934	Parker, 1934
	<i>Copiula derongo</i>	Zweifel, 2000	Zweifel, 2000	----
	<i>Copiula guttata</i>	----	----	Zweifel, 2000
	<i>Ctenophryne aequatorialis</i>	MT pers. obs.	MT pers. obs.	MT pers. obs.; Trueb <i>et al.</i> , 2011
	<i>Ctenophryne geayi</i>	MT pers. obs.; Parker, 1934	MT pers. obs.; Parker, 1934	MT pers. obs.; Parker, 1934
	<i>Dasypops schirchi</i>	MT pers. obs.	MT pers. obs.; Parker, 1934	MT pers. obs.; Parker, 1934
	<i>Dermatonotus muelleri</i>	DB & MT pers. obs.	MT pers. obs.	MT pers. obs.; Trueb <i>et al.</i> , 2011
	<i>Dyscophus antongilii</i>	Nussbaum & Wu, 2007	Boulenger, 1882; Nussbaum & Wu, 2007; Parker, 1934	Nussbaum & Wu, 2007; Parker, 1934
	<i>Dyscophus guineti</i>	MT pers. obs.; Glaw & Vences, 2007	MT pers. obs.; Glaw & Vences, 2007	MT pers. obs.; Parker, 1934
	<i>Dyscophus insularis</i>	Boulenger, 1882; Glaw & Vences, 2007	Glaw & Vences, 2007; Parker, 1934	Parker, 1934
	<i>Elachistocleis bicolor</i>	MT pers. obs.; Boulenger, 1882	MT pers. obs.	MOP & MT pers. obs.; Parker, 1934
	<i>Gastrophryne carolinensis</i>	MT pers. obs.; Wever, 1985	MT pers. obs.; Parker, 1934; Wever, 1985	MT pers. obs.; Parker, 1934; Wever, 1985

Microhylidae (cont.)	<i>Gastrophryne elegans</i>	----	Parker, 1934	Parker, 1934
	<i>Genyophryne thomsoni</i>	----	Parker, 1934	Parker, 1934
	<i>Glyphoglossus molossus</i>	Boulenger, 1882	Parker, 1934	Parker, 1934
	<i>Hamptophryne boliviana</i>	MT pers. obs.	MT pers. obs.; de Sa & Trueb, 1991	MT pers. obs.; Parker, 1934; de Sa & Trueb, 1991
	<i>Hoplophryne rogersi</i>	Parker, 1934	Parker, 1934	Parker, 1934
	<i>Hoplophryne uluguruensis</i>	Parker, 1934	Parker, 1934	Parker, 1934
	<i>Hylophorbus picoides</i>	Kraus, 2013	Kraus, 2013	----
	<i>Hylophorbus rufescens</i>	Zweifel, 1972	Zweifel, 1972	Parker, 1934
	<i>Hypopachus variolosus</i>	MT pers. obs.; Wever, 1985; Boulenger, 1882	MT pers. obs.; Wever, 1985	MT pers. obs.; Parker, 1934; Wever, 1985
	<i>Kalophrynus baluensis</i>	----	Inger & Stuebing, 1997	----
	<i>Kalophrynus interlineatus</i>	----	Parker, 1934	Parker, 1934
	<i>Kalophrynus intermedius</i>	----	Inger, 1966	----
	<i>Kalophrynus pleurostigma</i>	Zhao & Adler, 1993	Boulenger, 1882; Parker, 1934; Zhao & Adler, 1993	Parker, 1934
	<i>Kaloula borealis</i>	----	Parker, 1934	Parker, 1934
	<i>Kaloula conjuncta</i>	----	Parker, 1934	Parker, 1934
	<i>Kaloula mediolineata</i>	----	Parker, 1934	Parker, 1934
	<i>Kaloula picta</i>	----	Parker, 1934	Parker, 1934
	<i>Kaloula pulchra</i>	MT pers. obs.; Wever, 1985	MT pers. obs.; Wever, 1985	MT pers. obs.; Parker, 1934; Wever, 1985
	<i>Liophryne rhododactyla</i>	----	Parker, 1934	Parker, 1934
	<i>Liophryne schlaginhaufeni</i>	----	Parker, 1934	Parker, 1934
	<i>Mantophryne lateralis</i>	----	Zweifel, 1972	----
	<i>Melanobatrachus indicus</i>	Parker, 1934; Boulenger, 1882	Parker, 1934	Parker, 1934
	<i>Metamagnusia slateri</i>	----	Günther, 2009	----
	<i>Metaphrynella pollicaris</i>	----	Parker, 1934	Parker, 1934
	<i>Metaphrynella sundana</i>	----	Inger, 1966; Parker, 1934	Parker, 1934
	<i>Microhyla achatina</i>	----	Parker, 1934	Parker, 1934

Microhylidae (cont.)	<i>Microhyla annectens</i>	Inger, 1966	Parker, 1934	Parker, 1934
	<i>Microhyla berdmorei</i>	Parker, 1934	Inger, 1966; Parker, 1934	Parker, 1934 present; Vorobieva & Smirnov, 1987 absent
	<i>Microhyla borneensis</i>	Parker, 1934	Parker, 1934	Parker, 1934
	<i>Microhyla butleri</i>	Parker, 1934	Parker, 1934 present; Vorobieva & Smirnov, 1987 absent	Parker, 1934 present; Vorobieva & Smirnov, 1987 absent
	<i>Microhyla heymonsi</i>	----	Parker, 1934 present; Vorobieva & Smirnov, 1987 absent	Parker, 1934 present; Vorobieva & Smirnov, 1987
	<i>Microhyla okinavensis</i>	Parker, 1934	Parker, 1934	Parker, 1934
	<i>Microhyla ornata</i>	----	Smirnov, 1991	Vorobieva & Smirnov, 1987; Smirnov, 1991
	<i>Microhyla palmipes</i>	Parker, 1934	Parker, 1934	Parker, 1934
	<i>Microhyla pulchra</i>	Parker, 1934	Smirnov, 1991	Parker, 1934; Vorobieva & Smirnov, 1987; Smirnov, 1991
	<i>Microhyla superciliaris</i>	Parker, 1934	Parker, 1934	Parker, 1934
	<i>Micryletta inornata</i>	----	Parker, 1934	Parker, 1934
	<i>Oreophryne monticola</i>	----	Parker, 1934	Parker, 1934
	<i>Oreophryne sibilans</i>	Günther, 2003	Günther, 2003	----
	<i>Oreophryne unicolor</i>	Günther, 2003	Günther, 2003	----
	<i>Otophryne pyburni</i>	Boulenger, 1900a	Boulenger, 1900a	----
	<i>Oxydactyla crassa</i>	----	----	Zweifel, 2000
	<i>Paradoxophyla palmata</i>	Guibe, 1974	Guibe, 1974	----
	<i>Phrynella pulchra</i>	----	Parker, 1934	Parker, 1934
	<i>Phrynomantis bifasciatus</i>	Scott, 2005 Boulenger, 1882	Scott, 2005; Harper <i>et al.</i> , 2010	Scott, 2005
	<i>Phrynomantis microps</i>	MT pers. obs.	MT pers. obs.	MT pers. obs.
	<i>Platypelis grandis</i>	----	Parker, 1934	Parker, 1934
	<i>Platypelis milloti</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----

Microhylidae (cont.)	<i>Platypelis pollicaris</i>	Glaw & Vences, 2007	Glaw & Vences, 2007; Parker, 1934	Parker, 1934
	<i>Platypelis tuberifera</i>	----	Parker, 1934	Parker, 1934
	<i>Plethodonthyla bipunctata</i>	----	Guibe, 1974	Guibe, 1974
	<i>Plethodonthyla guentheri</i>	----	Glaw & Vences, 2007	----
	<i>Plethodonthyla inguinalis</i>	Glaw & Vences, 2007	Glaw & Vences, 2007; Parker, 1934	Parker, 1934
	<i>Plethodonthyla mihanika</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Plethodonthyla notosticta</i>	Glaw & Vences, 2007	Boulenger, 1882; Glaw & Vences, 2007; Parker, 1934	Parker, 1934
	<i>Plethodonthyla ocellata</i>	Glaw & Vences, 2007	Glaw & Vences, 2007; Parker, 1934	Parker, 1934
	<i>Plethodonthyla tuberata</i>	----	Parker, 1934	Parker, 1934
	<i>Pseudocallulops eurydactylus</i>	Günther, 2009	Günther, 2009; Zweifel, 1972	----
	<i>Ramanella montana</i>	----	Parker, 1934	Parker, 1934
	<i>Ramanella obscura</i>	----	Parker, 1934	Parker, 1934
	<i>Ramanella variegata</i>	----	Parker, 1934	Parker, 1934
	<i>Rhombophryne alluaudi</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Rhombophryne coronata</i>	Vences & Glaw, 2003	Vences & Glaw, 2003	----
	<i>Rhombophryne coudreaui</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Rhombophryne grandis</i>	----	Guibe, 1974	----
	<i>Rhombophryne coudreaui</i>	----	Glaw & Vences, 2007	----
	<i>Rhombophryne psologlossa</i>	----	Parker, 1934	Parker, 1934
	<i>Rhombophryne serratopalpebrosa</i>	Scherz <i>et al.</i> , 2014	Scherz <i>et al.</i> , 2014	----
	<i>Rhombophryne testudo</i>	Glaw & Vences, 2007	Glaw & Vences, 2007; Parker, 1934	Parker, 1934
	<i>Rhombophryne tetradactyla</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Rhombophryne tridactyla</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Scaphiophryne calcarata</i>	Nussbaum & Wu, 2007	Nussbaum & Wu, 2007	Nussbaum & Wu, 2007

Microhylidae (cont.)	<i>Scaphiophryne marmorata</i>	MT pers. obs.; Glaw & Vences, 2007	MT pers. obs.; Glaw & Vences, 2007	MT pers. obs.
	<i>Scaphiophryne menabensis</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
	<i>Sphenophryne cornuta</i>	----	Boulenger, 1882; Parker, 1934	Parker, 1934
	<i>Synapturanus mirandaribeiroi</i>	MT pers. obs.	MT pers. obs.; Nelson & Lescure, 1975	MT pers. obs.
	<i>Uperodon systoma</i>	Boulenger, 1882	Parker, 1934	Parker, 1934
	<i>Xenorhina bouwensi</i>	----	Parker, 1934	Parker, 1934
	<i>Xenorhina obesa</i>	Zweifel, 1960	Zweifel, 1960	----
	<i>Xenorhina oxycephala</i>	----	Menzies, 2006	----
Myobatrachidae	<i>Assa darlingtoni</i>	Barker <i>et al.</i> , 1995	Tyler, 1972	Tyler, 1972
	<i>Crinia deserticola</i>	----	----	Davies, 1984; Davies, 1989
	<i>Crinia parinsignifera</i>	----	----	Davies, 1984; Davies, 1989
	<i>Crinia riparia</i>	----	----	Blake, 1973; Davies, 1984; Davies, 1989
	<i>Crinia signifera</i>	Boulenger, 1882	----	Lynch, 1971; Davies, 1984; Davies, 1989
	<i>Crinia tinnula</i>	----	----	Davies, 1984; Davies, 1989
	<i>Geocrinia victoriana</i>	MOP pers. obs.	MOP pers. obs.	MOP pers. obs.; Gollmann, 1981
	<i>Metacrinia nichollsi</i>	----	----	Lynch, 1971
	<i>Mixophyes carbinensis</i>	Anstis, 2013	Anstis, 2013	----
	<i>Mixophyes coggeri</i>	Anstis, 2013	Anstis, 2013	----
	<i>Mixophyes fasciolatus</i>	MOP pers. obs.; Barker <i>et al.</i> , 1995	MOP pers. obs.; Boulenger, 1882; Barker <i>et al.</i> , 1995	MOP pers. obs.; Lynch, 1971
	<i>Mixophyes schevilli</i>	Nussbaum & Wu, 2007; Barker <i>et al.</i> , 1995	Nussbaum & Wu, 2007; Barker <i>et al.</i> , 1995	Nussbaum & Wu, 2007
	<i>Myobatrachus gouldii</i>	----	----	Lynch, 1971
	<i>Pseudophryne bibronii</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	Lynch, 1971; Heyer & Liem, 1976
	<i>Pseudophryne coriacea</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	Heyer & Liem, 1976

Myobatrachidae (cont.)	<i>Rheobatrachus silus</i>	Barker <i>et al.</i> , 1995	----	Davies & Burton, 1982
	<i>Spicospina flammocaerulea</i>	Roberts <i>et al.</i> , 1997	Roberts <i>et al.</i> , 1997	Roberts <i>et al.</i> , 1997
	<i>Taudactylus acutirostris</i>	Barker <i>et al.</i> , 1995	----	Lynch, 1971; Davies, 1984; Perry, 2004
	<i>Uperoleia aspera</i>	Barker <i>et al.</i> , 1995	----	Tyler <i>et al.</i> , 1981
	<i>Uperoleia borealis</i>	----	----	Davies, 1989
	<i>Uperoleia crassa</i>	----	----	Davies, 1989
	<i>Uperoleia fusca</i>	----	----	Davies, 1989
	<i>Uperoleia glandulosa</i>	----	----	Davies, 1989
	<i>Uperoleia inundata</i>	----	----	Davies, 1989
	<i>Uperoleia laevigata</i>	Barker <i>et al.</i> , 1995	----	Davies, 1989; Perry, 2004
	<i>Uperoleia lithomoda</i>	----	----	Davies, 1989
	<i>Uperoleia littlejohni</i>	----	----	Davies, 1989
	<i>Uperoleia micromeles</i>	----	----	Davies, 1989
	<i>Uperoleia minima</i>	----	----	Davies, 1989
	<i>Uperoleia mjobergii</i>	----	----	Tyler <i>et al.</i> , 1981; Davies, 1989
	<i>Uperoleia rugosa</i>	Barker <i>et al.</i> , 1995	----	Lynch, 1971; Davies, 1989; Perry, 2004
	<i>Uperoleia russelli</i>	Barker <i>et al.</i> , 1995	----	Lynch, 1971 Davies, 1989
	<i>Uperoleia talpa</i>	----	----	Davies, 1989
	<i>Uperoleia trachyderma</i>	----	----	Davies, 1989
	<i>Uperoleia tyleri</i>	----	----	Davies, 1989
Nasikabatrachidae	<i>Nasikabatrachus sahyadrensis</i>	Biju & Bossuyt, 2003	----	Senevirathne <i>et al.</i> 2016
Nyctibatrachidae	<i>Nyctibatrachus beddomii</i>	----	Inger <i>et al.</i> , 1984	----
	<i>Nyctibatrachus deccanensis</i>	Boulenger, 1882	----	----
	<i>Nyctibatrachus kempholeyensis</i>	----	Rao, 1937	----
	<i>Nyctibatrachus major</i>	Boulenger, 1882	----	----

Nyctibatrachidae (cont.)	<i>Nyctibatrachus minimus</i>	----	Biju <i>et al.</i> , 2007	----
	<i>Nyctibatrachus minor</i>	----	Inger <i>et al.</i> , 1984	----
	<i>Nyctibatrachus sylvaticus</i>	----	Rao, 1937; Chandramouli & Dutta, 2015	Chandramouli & Dutta, 2015
Odontophrynidae	<i>Macrogenioglottus alipioi</i>	DB pers. obs.	DB pers. obs.	Reig, 1972
	<i>Odontophrynus achalensis</i>	MOP pers. obs.	MOP pers. obs.	MOP pers. obs.; Lynch, 1971
	<i>Odontophrynus americanus</i>	DB pers. obs.	DB pers. obs.	Lynch, 1971
	<i>Odontophrynus carvalhoi</i>	DB pers. obs.	DB pers. obs.	Lynch, 1971
	<i>Odontophrynus cultripes</i>	DB pers. obs.	DB pers. obs.	Lynch, 1971
	<i>Proceratophrys appendiculata</i>	Dias <i>et al.</i> , 2013	Boulenger, 1882; Dias <i>et al.</i> , 2013	Dias <i>et al.</i> , 2013; Lynch, 1971
	<i>Proceratophrys avelinoi</i>	DB pers. obs.	BLB pers. obs.	BLB pers. obs.
	<i>Proceratophrys boiei</i>	DB pers. obs.	Boulenger, 1882	Lynch, 1971
	<i>Proceratophrys concavitympanum</i>	----	Giaretta <i>et al.</i> , 2000	----
	<i>Proceratophrys cristiceps</i>	DB pers. obs.	DB pers. obs.	Lynch, 1971
	<i>Proceratophrys laticeps</i>	----	----	Izecksohn <i>et al.</i> , 2005
	<i>Proceratophrys melanopogon</i>	----	----	Izecksohn <i>et al.</i> , 2005
Pelodytidae	<i>Pelobates cultripes</i>	----	----	Cannatella & Trueb, 1988
	<i>Pelobates fuscus</i>	Laurent, 1986	----	Cannatella & Trueb, 1988
	<i>Pelobates syriacus</i>	----	----	Cannatella & Trueb, 1988
	<i>Pelobates varaldii</i>	----	----	Maglia, 1998
	<i>Pelodytes caucasicus</i>	----	----	Sanchiz <i>et al.</i> , 2002
	<i>Pelodytes ibericus</i>	----	----	Sanchiz <i>et al.</i> , 2002
	<i>Pelodytes punctatus</i>	----	----	Cannatella & Trueb, 1988; Sanchiz <i>et al.</i> , 2002
Petroedetidae	<i>Arthroleptides martiensseni</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Arthroleptides yakusini</i>	Harper <i>et al.</i> , 2010	Harper <i>et al.</i> , 2010	----
	<i>Aubria subsigillata</i>	Scott, 2005	Boulenger, 1882; Scott, 2005	Scott, 2005

Petroedetidae (cont.)	<i>Petroedetes cameronensis</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Petroedetes newtoni</i>	Scott, 2005	Scott, 2005	Liu, 1936; Scott, 2005
	<i>Petroedetes parkeri</i>	Scott, 2005	Scott, 2005	Scott, 2005
Phrynobatrachidae	<i>Phrynobatrachus acridoides</i>	Scott, 2005; du Preez & Carruthers, 2009; Spawls <i>et al.</i> , 2006	Scott, 2005; du Preez & Carruthers, 2009; Spawls <i>et al.</i> , 2006	Scott, 2005
	<i>Phrynobatrachus africanus</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Phrynobatrachus calcaratus</i>	Boulenger, 1882	----	----
	<i>Phrynobatrachus cricogaster</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Phrynobatrachus dispar</i>	----	Boulenger, 1882	----
	<i>Phrynobatrachus krefftii</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Phrynobatrachus natalensis</i>	Scott, 2005; du Preez & Carruthers, 2009	Scott, 2005; du Preez & Carruthers, 2009	Scott, 2005
	<i>Phrynobatrachus sandersoni</i>	Scott, 2005	Scott, 2005	Scott, 2005
Pipidae	<i>Hymenochyrus boettgeri</i>	----	Rabb & Rabb, 1963	Trueb & Cannatella, 1982
	<i>Pipa carvalhoi</i>	----	----	Trueb & Cannatella, 1982
	<i>Pipa parva</i>	----	Cannatella & Trueb, 1988	Cannatella & Trueb, 1988
	<i>Pipa pipa</i>	Wever, 1985	Wever, 1985	Wever, 1985; Trueb <i>et al.</i> , 2000; Trueb & Cannatella, 1982
	<i>Xenopus borealis</i>	Wever, 1985	Wever, 1985; Cannatella & Trueb, 1988	Wever, 1985
	<i>Xenopus epitropicalis</i>	----	Cannatella & Trueb, 1988	Cannatella & Trueb, 1988
	<i>Xenopus fraseri</i>	----	Evans <i>et al.</i> , 2015	Evans <i>et al.</i> , 2015
	<i>Xenopus laevis</i>	Wever, 1985	Wever, 1985; Cannatella & Trueb, 1988	Trueb & Cannatella, 1982
	<i>Xenopus muelleri</i>	----	Cannatella & Trueb, 1988	Cannatella & Trueb, 1988
	<i>Xenopus tropicalis</i>	Cannatella & Trueb, 1988	Cannatella & Trueb, 1988	Cannatella & Trueb, 1988

Ptychadenidae	<i>Hildebrandtia ornata</i>	Scott, 2005; du Preez & Carruthers, 2009	Scott, 2005; Boulenger, 1882; du Preez & Carruthers, 2009	----
	<i>Ptychadena aequiplicata</i>	----	Boulenger, 1900c	----
	<i>Ptychadena anchietae</i>	Scott, 2005; du Preez & Carruthers, 2009	Scott, 2005; du Preez & Carruthers, 2009	Scott, 2005
	<i>Ptychadena mascareniensis</i>	Scott, 2005; du Preez & Carruthers, 2009	Scott, 2005; du Preez & Carruthers, 2009	Scott, 2005
	<i>Ptychadena oxyrhynchus</i>	du Preez & Carruthers, 2009	Boulenger, 1882; du Preez & Carruthers, 2009	----
	<i>Ptychadena porosissima</i>	du Preez & Carruthers, 2009	du Preez & Carruthers, 2009	----
	<i>Ptychadena taenioscelis</i>	Harper <i>et al.</i> , 2010	Harper <i>et al.</i> , 2010	----
Pyxicephalidae	<i>Amietia angolensis</i>	Scott, 2005; du Preez & Carruthers, 2009; Spawls <i>et al.</i> , 2006	Scott, 2005; du Preez & Carruthers, 2009; Spawls <i>et al.</i> , 2006	Scott, 2005
	<i>Amietia fuscigula</i>	Scott, 2005	Scott, 2005; Boulenger, 1882	Scott, 2005
	<i>Anhydrophryne rattrayi</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Arthroleptella landdrosia</i>	Scott, 2005; du Preez & Carruthers, 2009	Scott, 2005; du Preez & Carruthers, 2009	Scott, 2005
	<i>Arthroleptella lightfooti</i>	----	-----	Laurent, 1941a
	<i>Cacosternum boettgeri</i>	Scott, 2005; Nussbaum & Wu, 2007; du Preez & Carruthers, 2009	Scott, 2005; Nussbaum & Wu, 2007; du Preez & Carruthers, 2009	Scott, 2005; Nussbaum & Wu, 2007
	<i>Cacosternum capense</i>	Scott, 2005; du Preez & Carruthers, 2009	Scott, 2005	Scott, 2005
	<i>Cacosternum nanum</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Microbatrachella capensis</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Natalobatrachus bonebergi</i>	Scott, 2005; du Preez & Carruthers, 2009	Scott, 2005; du Preez & Carruthers, 2009	Laurent, 1941a; Scott, 2005
	<i>Poyntonion paludicola</i>	Scott, 2005; du Preez & Carruthers, 2009	Scott, 2005	Scott, 2005

Pyxicephalidae (cont.)	<i>Pyxicephalus adspersus</i>	Scott, 2005; du Preez & Carruthers, 2009	Scott, 2005; Haas, 1999; Boulenger, 1882; du Preez & Carruthers, 2009	Scott, 2005; Haas, 1999
	<i>Pyxicephalus edulis</i>	Scott, 2005; du Preez & Carruthers, 2009	Scott, 2005; du Preez & Carruthers, 2009	Scott, 2005
	<i>Strongylopus fasciatus</i>	du Preez & Carruthers, 2009	Boulenger, 1882; du Preez & Carruthers, 2009	----
	<i>Strongylopus grayii</i>	Scott, 2005	Boulenger, 1882; Scott, 2005	du Troit, 1933; Scott, 2005
	<i>Tomopterna delalandii</i>	du Preez & Carruthers, 2009; Boulenger, 1882	Boulenger, 1882	----
	<i>Tomopterna marmorata</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Tomopterna natalensis</i>	du Preez & Carruthers, 2009	Boulenger, 1882	----
	<i>Tomopterna tandyi</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Tomopterna tuberculosa</i>	du Preez & Carruthers, 2009	Boulenger, 1882	----
Ranidae	<i>Abavorana luctuosa</i>	Inger & Stuebing, 1997	Inger, 1966; Inger & Stuebing, 1997	----
	<i>Amnirana albolabris</i>	Scott, 2005; Spawls <i>et al.</i> , 2006	Boulenger, 1882; Scott, 2005; Spawls <i>et al.</i> , 2006	Scott, 2005
	<i>Amnirana galamensis</i>	Scott, 2005; du Preez & Carruthers, 2009; Spawls <i>et al.</i> , 2006	Boulenger, 1882; Scott, 2005; du Preez & Carruthers, 2009; Spawls <i>et al.</i> , 2006	Scott, 2005
	<i>Amolops chunganensis</i>	----	Yang, 1991	----
	<i>Amolops daorum</i>	Bain <i>et al.</i> , 2003	Bain <i>et al.</i> , 2003	----
	<i>Amolops granulosus</i>	----	Yang, 1991	----
	<i>Amolops hainanensis</i>	----	Yang, 1991	----
	<i>Amolops hongkongensis</i>	----	Yang, 1991	----
	<i>Amolops jinjiangensis</i>	----	Yang, 1991	----
	<i>Amolops larutensis</i>	----	Yang, 1991	----
	<i>Amolops loloensis</i>	----	Yang, 1991	----
	<i>Amolops montzorum</i>	----	Yang, 1991	----
	<i>Amolops ricketti</i>	Scott, 2005	Inger <i>et al.</i> , 1999; Scott, 2005	Scott, 2005

Ranidae (cont.)	<i>Amolops spinaepectoralis</i>	Inger <i>et al.</i> , 1999	Inger <i>et al.</i> , 1999	----
	<i>Amolops viridimaculatus</i>	Zhao & Adler, 1993	Zhao & Adler, 1993	----
	<i>Babina adenopleura</i>	----	Liu, 1936	----
	<i>Babina okinavana</i>	----	Boettger, 1895	----
	<i>Babina pleuraden</i>	----	Liu, 1950	----
	<i>Chalcorana chalconota</i>	Inger & Stuebing, 1997	Boulenger, 1882; Inger & Stuebing, 1997	----
	<i>Chalcorana eschatia</i>	----	Inger <i>et al.</i> , 2009	----
	<i>Chalcorana megalonesa</i>	----	Inger <i>et al.</i> , 2009	----
	<i>Chalcorana parvaccola</i>	----	Inger <i>et al.</i> , 2009	----
	<i>Chalcorana raniceps</i>	----	Inger <i>et al.</i> , 2009	----
	<i>Clinotarsus alticola</i>	----	Boulenger, 1882	----
	<i>Clinotarsus curtipes</i>	----	Boulenger, 1882	----
	<i>Glandirana rugosa</i>	----	Boulenger, 1882	----
	<i>Glandirana tientaiensis</i>	Zhao & Adler, 1993	Zhao & Adler, 1993	----
	<i>Huia cavitympanum</i>	Inger, 1966	Inger, 1966	----
	<i>Huia masonii</i>	----	Iskandar, 1998	----
	<i>Hydrophylax gracilis</i>	Parker, 1881	Parker, 1881	Parker, 1881
	<i>Hydrophylax malabaricus</i>	Biju <i>et al.</i> , 2014b	Boulenger, 1882; Biju <i>et al.</i> , 2014b	----
	<i>Hylarana erythrea</i>	Teynie <i>et al.</i> , 2010	Inger, 1966; Boulenger, 1882	----
	<i>Hylarana macrodactyla</i>	----	Liu, 1936; Boulenger, 1882	----
	<i>Hylarana taipehensis</i>	Zhao & Adler, 1993	Inger <i>et al.</i> , 1999; Zhao & Adler, 1993	Liu, 1936
	<i>Indosylvirana aurantiaca</i>	Biju <i>et al.</i> , 2014b	Biju <i>et al.</i> , 2014b	----
	<i>Indosylvirana milleti</i>	----	Inger <i>et al.</i> , 1999	----
	<i>Lithobates areolatus</i>	Elliot <i>et al.</i> , 2009	Elliot <i>et al.</i> , 2009	----
	<i>Lithobates berlandieri</i>	----	McCranie & Wilson, 2002	----
	<i>Lithobates blairi</i>	Elliot <i>et al.</i> , 2009	Elliot <i>et al.</i> , 2009	----

Ranidae (cont.)	<i>Lithobates bwana</i>	Hillis & de Sá, 1988	Hillis & de Sá, 1988	----
	<i>Lithobates capito</i>	----	Boulenger, 1882	----
	<i>Lithobates catesbeianus</i>	Wever, 1985	Wever, 1985; Boulenger, 1882	Wever, 1985
	<i>Lithobates chiricahuensis</i>	Elliot <i>et al.</i> , 2009	Elliot <i>et al.</i> , 2009	----
	<i>Lithobates clamitans</i>	Wever, 1985	Wever, 1985; Boulenger, 1882	Wever, 1985
	<i>Lithobates fisheri</i>	Dood, 2013	Dood, 2013	----
	<i>Lithobates forreri</i>	Savage, 2002	Savage, 2002	----
	<i>Lithobates grylio</i>	Elliot <i>et al.</i> , 2009	Elliot <i>et al.</i> , 2009	----
	<i>Lithobates heckscheri</i>	Elliot <i>et al.</i> , 2009	Elliot <i>et al.</i> , 2009	----
	<i>Lithobates juliani</i>	Hillis & de Sá, 1988	Hillis & de Sá, 1988	----
	<i>Lithobates macroglossa</i>	----	Boulenger, 1882; Inger, 1966	----
	<i>Lithobates maculatus</i>	Hillis & de Sá, 1988	Hillis & de Sá, 1988	----
	<i>Lithobates montezumae</i>	----	Boulenger, 1882	----
	<i>Lithobates okaloosae</i>	Elliot <i>et al.</i> , 2009	Elliot <i>et al.</i> , 2009	----
	<i>Lithobates onca</i>	Elliot <i>et al.</i> , 2009	Elliot <i>et al.</i> , 2009	----
	<i>Lithobates palmipes</i>	Kok & Kalamandeen, 2008	Kok & Kalamandeen, 2008	----
	<i>Lithobates palustris</i>	Elliot <i>et al.</i> , 2009	Elliot <i>et al.</i> , 2009	----
	<i>Lithobates pipiens</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Lithobates septentrionalis</i>	Elliot <i>et al.</i> , 2009	Elliot <i>et al.</i> , 2009	----
	<i>Lithobates sevosus</i>	Dood, 2013	Dood, 2013	----
	<i>Lithobates sierramadrensis</i>	Hillis & de Sá, 1988	Hillis & de Sá, 1988	----
	<i>Lithobates sphenocephalus</i>	Elliot <i>et al.</i> , 2009	Elliot <i>et al.</i> , 2009	----
	<i>Lithobates sylvaticus</i>	----	Boulenger, 1882	----
	<i>Lithobates tarahumarae</i>	Elliot <i>et al.</i> , 2009	Elliot <i>et al.</i> , 2009	----
	<i>Lithobates taylori</i>	Savage, 2002	Savage, 2002	----
	<i>Lithobates vaillanti</i>	Savage, 2002	Savage, 2002	----
	<i>Lithobates vibicarius</i>	Savage, 2002	Savage, 2002	----
	<i>Lithobates virgatipes</i>	Wever, 1985	Wever, 1985	Wever, 1985

Ranidae (cont.)	<i>Lithobates warszewitschii</i>	Jaslow <i>et al.</i> , 1988; Savage, 2002	Jaslow <i>et al.</i> , 1988; Boulenger, 1882; Savage, 2002	Jaslow <i>et al.</i> , 1988
	<i>Lithobates yavapaiensis</i>	Elliot <i>et al.</i> , 2009	Elliot <i>et al.</i> , 2009	----
	<i>Meristogenys jerboa</i>	----	Inger, 1966; Boulenger, 1882	----
	<i>Meristogenys kinabaluensis</i>	Inger & Stuebing, 1997	Inger & Stuebing, 1997	----
	<i>Meristogenys phaeomerus</i>	Inger & Stuebing, 1997	Yang, 1991	----
	<i>Meristogenys poecilus</i>	----	Yang, 1991	----
	<i>Meristogenys whiteheadi</i>	----	Inger & Stuebing, 2009	----
	<i>Odorrana andersonii</i>	----	Liu, 1936; Boulenger, 1882	----
	<i>Odorrana bacboensis</i>	Bain <i>et al.</i> , 2003	Bain <i>et al.</i> , 2003	----
	<i>Odorrana chloronota</i>	Bain <i>et al.</i> , 2003	Inger, 1966; Boulenger, 1882	Parker, 1881
	<i>Odorrana grahami</i>	----	Bain <i>et al.</i> , 2003	----
	<i>Odorrana hosii</i>	----	Bain <i>et al.</i> , 2003	----
	<i>Odorrana ishikawae</i>	----	Stejneger, 1901	----
	<i>Odorrana jingdongensis</i>	----	Bain <i>et al.</i> , 2003	----
	<i>Odorrana junlianensis</i>	----	Bain <i>et al.</i> , 2003	----
	<i>Odorrana khalam</i>	Stuart <i>et al.</i> , 2005	Stuart <i>et al.</i> , 2005	----
	<i>Odorrana livida</i>	Bain <i>et al.</i> , 2003	Bain <i>et al.</i> , 2003	----
	<i>Odorrana margaretae</i>	Zhao & Adler, 1993	Liu, 1950; Zhao & Adler, 1993	----
	<i>Odorrana morafkai</i>	----	Bain <i>et al.</i> , 2003	----
	<i>Odorrana schmackeri</i>	Zhao & Adler, 1993	Zhao & Adler, 1993	----
	<i>Odorrana swinhoana</i>	Zhao & Adler, 1993	Zhao & Adler, 1993	----
	<i>Odorrana tiannanensis</i>	Zhao & Adler, 1993	Zhao & Adler, 1993	----
	<i>Odorrana tormota</i>	Gridi-Papp <i>et al.</i> , 2008	Gridi-Papp <i>et al.</i> , 2008	Gridi-Papp <i>et al.</i> , 2008
	<i>Papurana arfaki</i>	----	Boulenger, 1882	----
	<i>Papurana daemeli</i>	Barker <i>et al.</i> , 1995	Barker <i>et al.</i> , 1995	----
	<i>Pelophylax cerigensis</i>	Beerli <i>et al.</i> , 1994	Beerli <i>et al.</i> , 1994	----
	<i>Pelophylax cretensis</i>	Beerli <i>et al.</i> , 1994	Beerli <i>et al.</i> , 1994	----
	<i>Pelophylax epeiroticus</i>	----	Schneider <i>et al.</i> , 1984	----

Ranidae (cont.)	<i>Pelophylax esculentus</i>	Boulenger, 1882	Ecker, 1889	Ecker, 1889
	<i>Pelophylax fukienensis</i>	Zhao & Adler, 1993	Zhao & Adler, 1993	----
	<i>Pelophylax nigromaculatus</i>	Zhao & Adler, 1993	Liu, 1950; Zhao & Adler, 1993	----
	<i>Pelophylax plancyi</i>	Zhao & Adler, 1993	Zhao & Adler, 1993; Boulenger, 1882	Liu, 1936
	<i>Pelophylax ridibundus</i>	Wever, 1985	Wever, 1985	Wever, 1985
	<i>Pelophylax saharicus</i>	Schleich <i>et al.</i> , 1996	Schleich <i>et al.</i> , 1996	----
	<i>Pulchrana baramica</i>	----	Iskandar, 1998; Inger, 1966	----
	<i>Pulchrana glandulosa</i>	----	Inger, 1966; Boulenger, 1882	----
	<i>Pulchrana signata</i>	----	Inger, 1966; Boulenger, 1882	----
	<i>Rana arvalis</i>	Boulenger, 1882	Boulenger, 1882	----
	<i>Rana aurora</i>	Elliot <i>et al.</i> , 2009	Elliot <i>et al.</i> , 2009	----
	<i>Rana boylei</i>	Elliot <i>et al.</i> , 2009	Elliot <i>et al.</i> , 2009	----
	<i>Rana cascadae</i>	Elliot <i>et al.</i> , 2009	Elliot <i>et al.</i> , 2009	----
	<i>Rana chaochiaoensis</i>	----	Liu, 1950	----
	<i>Rana chensinensis</i>	----	Liu, 1950	----
	<i>Rana dalmatina</i>	----	Boulenger, 1882	----
	<i>Rana hanluica</i>	----	Shen <i>et al.</i> , 2007	----
	<i>Rana iberica</i>	----	Boulenger, 1882	----
	<i>Rana japonica</i>	----	Liu, 1936; Boulenger, 1882	----
	<i>Rana johnsi</i>	----	Smith, 1921	----
	<i>Rana latastei</i>	----	Boulenger, 1882	----
	<i>Rana longicrus</i>	Zhao & Adler, 1993	Zhao & Adler, 1993	----
	<i>Rana luteiventris</i>	Elliot <i>et al.</i> , 2009	Elliot <i>et al.</i> , 2009	----
	<i>Rana macrocnemis</i>	----	Picariello <i>et al.</i> , 1999	----
	<i>Rana muscosa</i>	Elliot <i>et al.</i> , 2009	Elliot <i>et al.</i> , 2009	----
	<i>Rana pirica</i>	Matsui, 1991	Matsui, 1991	----
	<i>Rana pretiosa</i>	----	Boulenger, 1882	----
	<i>Rana sauteri</i>	Zhao & Adler, 1993	Zhao & Adler, 1993	----

Ranidae (cont.)	<i>Rana shuchinae</i>	----	Liu, 1950	----
	<i>Rana tagoi</i>	----	Ryuzaki <i>et al.</i> , 2014	----
	<i>Rana temporaria</i>	----	Boulenger, 1882	----
	<i>Sanguina sanguinea</i>	Inger, 1954	Inger, 1954	Inger, 1954
	<i>Staurois latopalmatus</i>	----	Inger & Stuebing, 1997	----
	<i>Staurois natator</i>	Scott, 2005	Scott, 2005 Boulenger, 1882	Scott, 2005
	<i>Staurois tuberilinguis</i>	----	Inger, 1966	----
	<i>Sylvirana guentheri</i>	Zhao & Adler, 1993	Zhao & Adler, 1993; Boulenger, 1882	----
	<i>Sylvirana maosonensis</i>	----	Inger <i>et al.</i> , 1999	----
	<i>Sylvirana nigrovittata</i>	----	Smith, 1921	----
Ranixalidae	<i>Indirana beddomi</i>	----	Inger <i>et al.</i> , 1984; Boulenger, 1882	----
	<i>Indirana brachytarsus</i>	----	Inger <i>et al.</i> , 1984	----
	<i>Indirana diplosticta</i>	----	Inger <i>et al.</i> , 1984	----
	<i>Indirana semipalmata</i>	----	Inger <i>et al.</i> , 1984; Chandramouli & Dutta, 2015	Chandramouli & Dutta, 2015
Rhacophoridae	<i>Buergeria buergeri</i>	----	Boulenger, 1882	----
	<i>Buergeria japonica</i>	Zhao & Adler, 1993	Zhao & Adler, 1993	----
	<i>Buergeria robusta</i>	Zhao & Adler, 1993	Zhao & Adler, 1993	----
	<i>Chiromantis doriae</i>	----	Zhao & Adler, 1993	----
	<i>Chiromantis petersii</i>	----	Boulenger, 1882	Laurent, 1941b
	<i>Chiromantis rufescens</i>	----	Boulenger, 1882	Laurent, 1941b
	<i>Chiromantis vittatus</i>	----	Orlov <i>et al.</i> , 2012	----
	<i>Chiromantis xerampelina</i>	du Preez & Carruthers, 2009; Scott, 2005	du Preez & Carruthers, 2009; Scott, 2005	du Preez & Carruthers, 2009; Scott, 2005
	<i>Feihyla kajau</i>	----	Inger & Stuebing, 1997	----
	<i>Feihyla palpebralis</i>	----	Inger <i>et al.</i> , 2012	----
	<i>Ghatixalus variabilis</i>	----	----	Laurent, 1943
	<i>Gracixalus gracilipes</i>	----	Rowley <i>et al.</i> , 2011	----

Rhacophoridae (cont.)	<i>Gracixalus supercornutus</i>	----	Rowley <i>et al.</i> , 2011	----
	<i>Kurixalus appendiculatus</i>	----	Inger, 1966; Boulenger, 1882	----
	<i>Kurixalus banaensis</i>	----	Orlov <i>et al.</i> , 2012	----
	<i>Kurixalus eiffingeri</i>	Zhao & Adler, 1993	Zhao & Adler, 1993	----
	<i>Kurixalus idiooticus</i>	Wu <i>et al.</i> , 2016	Wu <i>et al.</i> , 2016	
	<i>Kurixalus odontotarsus</i>	----	Orlov <i>et al.</i> , 2012	----
	<i>Liuxalus romeri</i>	Zhao & Adler, 1993	Zhao & Adler, 1993	----
	<i>Nyctixalus pictus</i>	Inger & Stuebing, 1997	Inger & Stuebing, 1997	----
	<i>Philautus acutirostris</i>	Boulenger, 1882	----	----
	<i>Philautus acutus</i>	Dring, 1987	Dring, 1987	----
	<i>Philautus aurantium</i>	----	Inger & Stuebing, 1997	----
	<i>Philautus aurifasciatus</i>	----	Inger, 1966; Boulenger, 1882	Inger, 1966
	<i>Philautus bunitus</i>	Inger & Stuebing, 1997	Inger & Stuebing, 1997	----
	<i>Philautus hosii</i>	----	Inger, 1966	----
	<i>Philautus petersi</i>	Inger & Stuebing, 1997	Inger & Stuebing, 1997	----
	<i>Philautus surdus</i>	Scott, 2005; Boulenger, 1882	Scott, 2005	Scott, 2005
	<i>Philautus umbra</i>	----	Dring, 1987	----
	<i>Polypedates colletti</i>	----	Inger, 1966	----
	<i>Polypedates leucomystax</i>	----	Inger, 1966	Laurent, 1943
	<i>Polypedates macrotis</i>	----	Inger, 1966	Liem, 1970
	<i>Polypedates maculatus</i>	Wever, 1985	Wever, 1985; Boulenger, 1882	Wever, 1985
	<i>Polypedates ottilophus</i>	----	Inger, 1966	Liem, 1970
	<i>Pseudophilautus alto</i>	----	Manamendra-Arachchi & Pethiyagoda, 2005	----
	<i>Pseudophilautus amboli</i>	Biju & Bossuyt, 2009	Biju & Bossuyt, 2009	
	<i>Pseudophilautus cavirostris</i>	----	Boulenger, 1882; Manamendra-Arachchi & Pethiyagoda, 2005	----
	<i>Pseudophilautus decoris</i>	Wickramasinghe <i>et al.</i> , 2013	Wickramasinghe <i>et al.</i> , 2013	----

Rhacophoridae (cont.)	<i>Pseudophilautus femoralis</i>	----	Günther, 1864	----
	<i>Pseudophilautus folicola</i>	----	Wickramasinghe <i>et al.</i> , 2013	----
	<i>Pseudophilautus hoffmanni</i>	Wickramasinghe <i>et al.</i> , 2013	Wickramasinghe <i>et al.</i> , 2013	----
	<i>Pseudophilautus jayarami</i>	Biju & Bossuyt, 2009	Biju & Bossuyt, 2009	----
	<i>Pseudophilautus kani</i>	Biju & Bossuyt, 2009	Biju & Bossuyt, 2009	----
	<i>Pseudophilautus leucorhinus</i>	----	Boulenger, 1882	----
	<i>Pseudophilautus lunatus</i>	----	Manamendra-Arachchi & Pethiyagoda, 2005	----
	<i>Pseudophilautus mooreorum</i>	----	Meegaskumbara & Manamendra-Arachchi, 2005	----
	<i>Pseudophilautus microtympanum</i>	----	Manamendra-Arachchi & Pethiyagoda, 2005	----
	<i>Pseudophilautus ocularis</i>	----	Manamendra-Arachchi & Pethiyagoda, 2005	----
	<i>Pseudophilautus papillosus</i>	----	Manamendra-Arachchi & Pethiyagoda, 2005	----
	<i>Pseudophilautus pleurotaenia</i>	----	Manamendra-Arachchi & Pethiyagoda, 2005	----
	<i>Pseudophilautus popularis</i>	----	Manamendra-Arachchi & Pethiyagoda, 2005	----
	<i>Pseudophilautus reticulatus</i>	----	Boulenger, 1882	----
	<i>Pseudophilautus sarasinorum</i>	----	Manamendra-Arachchi & Pethiyagoda, 2005	----
	<i>Pseudophilautus schmarda</i>	----	Boulenger, 1882	----
	<i>Pseudophilautus tanu</i>	Wickramasinghe <i>et al.</i> , 2013	Wickramasinghe <i>et al.</i> , 2013	----
	<i>Pseudophilautus zorro</i>	----	Wickramasinghe <i>et al.</i> , 2013	----
	<i>Raorchestes anili</i>	----	Seshadri <i>et al.</i> , 2012	----
	<i>Raorchestes beddomii</i>	----	Boulenger, 1882	----
	<i>Raorchestes charius</i>	----	Rao, 1937	----
	<i>Raorchestes chlorosoma</i>	----	Seshadri <i>et al.</i> , 2012	----
	<i>Raorchestes chotta</i>	Seshadri <i>et al.</i> , 2012	----	----

Rhacophoridae (cont.)	<i>Raorchestes chromasynchysi</i>	----	Seshadri <i>et al.</i> , 2012	----
	<i>Raorchestes coonoorensis</i>	----	Seshadri <i>et al.</i> , 2012	----
	<i>Raorchestes dubois</i>	----	Seshadri <i>et al.</i> , 2012	----
	<i>Raorchestes glandulosus</i>	Boulenger, 1882	Seshadri <i>et al.</i> , 2012	Laurent, 1943
	<i>Raorchestes graminirupes</i>	----	Seshadri <i>et al.</i> , 2012	----
	<i>Raorchestes griet</i>	----	Seshadri <i>et al.</i> , 2012	----
	<i>Raorchestes luteolus</i>	----	Kuramoto & Joshy, 2003	----
	<i>Raorchestes marki</i>	----	Seshadri <i>et al.</i> , 2012	----
	<i>Raorchestes munnarensis</i>	----	Seshadri <i>et al.</i> , 2012	----
	<i>Raorchestes nerostagona</i>	----	Seshadri <i>et al.</i> , 2012	----
	<i>Raorchestes ponmudi</i>	----	Seshadri <i>et al.</i> , 2012	----
	<i>Raorchestes sushili</i>	----	Seshadri <i>et al.</i> , 2012	----
	<i>Raorchestes tinniensi</i>	----	Boulenger, 1882; Rao, 1937; Seshadri <i>et al.</i> , 2012	----
	<i>Raorchestes tuberothumerus</i>	----	Kuramoto & Joshy, 2003	----
	<i>Rhacophorus annamensis</i>	----	Stuart <i>et al.</i> , 2006	----
	<i>Rhacophorus angulirostris</i>	Inger & Stuebing, 1997	Inger & Stuebing, 1997	----
	<i>Rhacophorus calcaneus</i>	----	Stuart <i>et al.</i> , 2006	----
	<i>Rhacophorus chenfui</i>	Zhao & Adler, 1993	Liu, 1950; Zhao & Adler, 1993	----
	<i>Rhacophorus dennysi</i>	----	Boulenger, 1882	Liem, 1970
	<i>Rhacophorus dugritei</i>	Zhao & Adler, 1993	Liu, 1950; Boulenger, 1882	----
	<i>Rhacophorus dulitensis</i>	----	Inger, 1966	----
	<i>Rhacophorus fasciatus</i>	----	Inger, 1966	----
	<i>Rhacophorus gauni</i>	----	Inger, 1966	----
	<i>Rhacophorus harrisoni</i>	Inger & Stuebing, 1997	Inger & Stuebing, 1997	----
	<i>Rhacophorus maximus</i>	----	Günther, 1858	----
	<i>Rhacophorus minimus</i>	Rao <i>et al.</i> , 2006	Rao <i>et al.</i> , 2006	----
	<i>Rhacophorus nigropalmatus</i>	Wever, 1985; Inger, 1966	Wever, 1985	Wever, 1985
	<i>Rhacophorus omeimontis</i>	Zhao & Adler, 1993	Liu, 1950; Zhao & Adler, 1993	----

Rhacophoridae (cont.)	<i>Rhacophorus orlovi</i>	Ziegler & Köhler, 2001	Ziegler & Köhler, 2001	----
	<i>Rhacophorus pardalis</i>	Inger & Stuebing, 1997	Inger & Stuebing, 1997	----
	<i>Rhacophorus reindwartii</i>	Zhao & Adler, 1993	Inger <i>et al.</i> , 1999; Zhao & Adler, 1993	----
	<i>Rhacophorus rhodopus</i>	Zhao & Adler, 1993	Zhao & Adler, 1993	----
	<i>Rhacophorus rufipes</i>	Inger & Stuebing, 1997	Inger & Stuebing, 1997	----
	<i>Rhacophorus schlegelii</i>	----	Boulenger, 1882	Laurent, 1943
	<i>Taruga eques</i>	----	Boulenger, 1882; Meegaskumbura <i>et al.</i> , 2010	Meegaskumbura <i>et al.</i> , 2010
	<i>Taruga fastigo</i>	----	Meegaskumbura <i>et al.</i> , 2010	----
	<i>Taruga longinasus</i>	----	Meegaskumbura <i>et al.</i> , 2010	----
	<i>Theloderma asperum</i>	Zhao & Adler, 1993	Zhao & Adler, 1993	----
	<i>Theloderma corticale</i>	----	Zhao & Adler, 1993	----
	<i>Theloderma moloch</i>	-----	Annandale, 1912	----
	<i>Theloderma stellatum</i>	----	Zhao & Adler, 1993	----
Rhinodermatidae	<i>Insuetophrynus acarpicus</i>	Barrio, 1970	Barrio, 1970	Lynch, 1978; Barrio, 1970
	<i>Rhinoderma darwinii</i>	Nussbaum & Wu, 2007	Nussbaum & Wu, 2007; Boulenger, 1882	MOP pers. obs.; Laurent, 1942; Lynch, 1971; Nussbaum & Wu, 2007
Rhinophrynidae	<i>Rhinophrynus dorsalis</i>	Wever, 1985	Wever, 1985	Lynch, 1973; Trueb & Cannatella, 1982; Wever, 1985
Scaphiopodidae	<i>Scaphiopus couchii</i>	Wever, 1985; Nussbaum & Wu, 2007	Wever, 1985; Nussbaum & Wu, 2007	Wever, 1985; Nussbaum & Wu, 2007
	<i>Scaphiopus holbrookii</i>	Laurent, 1986;	Laurent, 1986	Laurent, 1986
	<i>Scaphiopus hurteri</i>	Wever, 1985	Wever, 1985	Wever, 1985
	<i>Spea bombifrons</i>	Wever, 1985	Wever, 1985	Wiens, 1989; Wever, 1985
	<i>Spea hammondi</i>	Wever, 1985; Boulenger, 1882	Wever, 1985	Wever, 1985
	<i>Spea intermontana</i>	----	Hall & Larsen, 1998	Hall & Larsen, 1998
	<i>Spea multiplicata</i>	----	----	Maglia, 1998

Sooglossidae	<i>Sechellophryne gardineri</i>	Boistel <i>et al.</i> , 2013; Nussbaum & Wu, 2007	Nussbaum & Wu, 2007	Nussbaum & Wu, 2007; Boistel <i>et al.</i> , 2013
	<i>Sooglossus sechellensis</i>	Scott, 2005; Nussbaum & Wu, 2007	Scott, 2005; Nussbaum & Wu, 2007	Scott, 2005; Nussbaum & Wu, 2007
	<i>Sooglossus thomasseti</i>	Nussbaum & Wu, 2007	Nussbaum & Wu, 2007	Nussbaum & Wu, 2007
Telmatobiidae	<i>Telmatobius bolivianus</i>	Lavilla & Ergueta Sandoval, 1999	Parker, 1940; Lavilla & Ergueta Sandoval, 1999	Lavilla & Ergueta Sandoval, 1999
	<i>Telmatobius culeus</i>	JSB pers. obs.	JSB pers. obs.; Jaslow <i>et al.</i> , 1988	JSB pers. obs.; Jaslow <i>et al.</i> , 1988
	<i>Telmatobius gigas</i>	de la Riva, 2002a	----	----
	<i>Telmatobius hintoni</i>	JSB pers. obs.	JSB pers. obs.	JSB pers. obs.
	<i>Telmatobius huayra</i>	Lavilla & Ergueta Sandoval, 1995	Lavilla & Ergueta Sandoval, 1995	Lavilla & Ergueta Sandoval, 1995
	<i>Telmatobius marmoratus</i>	JSB pers. obs.	JSB pers. obs.	JSB pers. obs.; Lynch, 1971; Nussbaum & Wu, 2007
	<i>Telmatobius niger</i>	Trueb, 1979	Trueb, 1979	Trueb, 1979
	<i>Telmatobius sibiricus</i>	JSB pers. obs.; de la Riva & Harvey, 2003	JSB pers. obs.	JSB pers. obs.
	<i>Telmatobius simonsi</i>	JSB pers. obs.; de la Riva & Harvey, 2003	JSB pers. obs.; de la Riva & Harvey, 2003	JSB pers. obs.; de la Riva & Harvey, 2003
	<i>Telmatobius truebae</i>	----	----	Wiens, 1993
	<i>Telmatobius vellardi</i>	Trueb, 1979	Trueb, 1979	Trueb, 1979
	<i>Telmatobius verrucosus</i>	JSB pers. obs.	JSB pers. obs.	----
	<i>Telmatobius vilamensis</i>	Formas <i>et al.</i> , 2003	Formas <i>et al.</i> , 2003	Formas <i>et al.</i> , 2003
	<i>Telmatobius yuracare</i>	de la Riva & Harvey, 2003	JSB pers. obs.	JSB pers. obs.
	<i>Telmatobius zapahuirensis</i>	Veloso <i>et al.</i> , 1982	Veloso <i>et al.</i> , 1982	----

Anura not included in Pyron (2014)				
Family	Species	Tympanic membrane	Tympanic annulus	Columella
Alsodidae	<i>Eupsophus altor</i>	----	----	Núñez <i>et al.</i> , 2012
Arthroleptidae	<i>Arthroleptis phrynoides</i>	Liu, 1950	Liu, 1950	----
	<i>Cardioglossa escaerae</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Letodactylodon ventrimarmoratus</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Leptopelis mossambicus</i>	Scott, 2005	Scott, 2005	Scott, 2005
Batrachylidae	<i>Atelognathus nitoi</i>	----	----	Lynch, 1978
	<i>Atelognathus praebasalticus</i>	----	----	Lynch, 1978
	<i>Atelognathus reverberii</i>	----	----	Lynch, 1978
	<i>Atelognathus solitarius</i>	----	----	Lynch, 1978
	<i>Chaltenobatrachus grandisonae</i>	Basso <i>et al.</i> , 2011	Basso <i>et al.</i> , 2011	Basso <i>et al.</i> , 2011
Brachycephalidae	<i>Ischnocnema nigriventris</i>	----	----	Lynch, 1971
Callyptocephalellidae	<i>Telmatobufo australis</i>	Formas <i>et al.</i> , 2001	Formas <i>et al.</i> , 2001	Formas <i>et al.</i> , 2001
Ceratobatrachidae	<i>Alcalus mariae</i>	----	Fuiten, 2012	Fuiten, 2012
	<i>Cornufer bufoniformis</i>	Scott, 2005	Scott, 2005	Scott, 2005
Ceratophryidae	<i>Ceratophrys aurita</i>	----	----	Lynch, 1971
	<i>Ceratophrys calcarata</i>	----	----	Lynch, 1971
	<i>Ceratophrys cranwelli</i>	MOP pers. obs.	MOP pers. obs.	MOP pers. obs.
Craugastoridae	<i>Bryophryne abramalagae</i>	Lehr & Catenazzi, 2010	Lehr & Catenazzi, 2010	----
	<i>Bryophryne bakersfield</i>	Chaparro <i>et al.</i> , 2015	Chaparro <i>et al.</i> , 2015	----
	<i>Bryophryne bustamantei</i>	Chaparro <i>et al.</i> , 2007	Chaparro <i>et al.</i> , 2007	----
	<i>Bryophryne flammiventris</i>	Lehr & Catenazzi, 2010	Lehr & Catenazzi, 2010	Lehr & Catenazzi, 2010
	<i>Bryophryne gymnotis</i>	Lehr & Catenazzi, 2010	Lehr & Catenazzi, 2010	Lehr & Catenazzi, 2010
	<i>Bryophryne hanssaueri</i>	Lehr & Catenazzi, 2009	Lehr & Catenazzi, 2009	----
	<i>Bryophryne nubilosus</i>	Lehr & Catenazzi, 2008	Lehr & Catenazzi, 2008	----
	<i>Bryophryne zonalis</i>	Lehr & Catenazzi, 2009	Lehr & Catenazzi, 2009	----

Craugastoridae (cont.)	<i>Euparkerella cochranae</i>	----	----	Hedges <i>et al.</i> , 2008
	<i>Euparkerella cryptica</i>	----	----	Hedges <i>et al.</i> , 2008
	<i>Euparkerella robusta</i>	----	----	Hedges <i>et al.</i> , 2008
	<i>Euparkerella tridactyla</i>	----	----	Hedges <i>et al.</i> , 2008
	<i>Hypodactylus nigrovittatus</i>	----	----	Lynch, 1971
Cycloramphidae	<i>Cycloramphus asper</i>	Verdade, 2005	----	Lynch, 1971
	<i>Cycloramphus dubius</i>	----	----	Lynch, 1971
	<i>Cycloramphus granulatus</i>	----	----	Lynch, 1971
	<i>Cycloramphus ohausi</i>	Verdade, 2005	----	Lynch, 1971
	<i>Cycloramphus stejnegeri</i>	Verdade, 2005	----	Lynch, 1971
	<i>Thoropa lutzi</i>	----	----	Lynch, 1971
	<i>Thoropa petropolitana</i>	----	----	Lynch, 1971
Eleutherodactylidae	<i>Eleutherodactylus albolabris</i>	----	----	Lynch, 1971
	<i>Eleutherodactylus grandis</i>	----	----	Lynch, 1971
	<i>Eleutherodactylus guttilatus</i>	----	----	Lynch, 1971
	<i>Eleutherodactylus karlschmidti</i>	----	----	Lynch, 1971
	<i>Eleutherodactylus leprus</i>	----	----	Lynch, 1971
	<i>Eleutherodactylus pallidus</i>	----	----	Lynch, 1971
	<i>Eleutherodactylus rubrimaculatus</i>	----	----	Lynch, 1971
	<i>Phrynopus montium</i>	----	----	Lynch, 1971
	<i>Pristimantis festae</i>	----	----	Lynch, 1971
	<i>Pristimantis ornatissimus</i>	----	----	Lynch, 1971
	<i>Pristimantis variabilis</i>	----	----	Lynch, 1971
Hemiphractidae	<i>Cryptobatrachus conditus</i>	----	----	Duellman, 2015
	<i>Cryptobatrachus fuhrmanni</i>	----	----	Duellman & Hoogmoed, 1984
	<i>Fritziana fissilis</i>	----	----	Folly <i>et al.</i> , 2014
	<i>Fritziana goeldii</i>	----	----	Folly <i>et al.</i> , 2014
	<i>Fritziana ohausi</i>	----	----	Folly <i>et al.</i> , 2014
	<i>Fritziana ulei</i>	----	----	Folly <i>et al.</i> , 2014

Hylidae	<i>Duellmanohyla uranochroa</i>	----	Boulenger, 1882	Duellman, 1970a
	<i>Hyla hallowellii</i>	----	----	Gaudin, 1974
	<i>Hyloscirtus bogotensis</i>	Lynch & Renjifo, 2001	Lynch & Renjifo, 2001	----
Hylodidae	<i>Crossodactylus dispar</i>	----	----	Lynch, 1971
	<i>Crossodactylus grandis</i>	----	----	Lynch, 1971
	<i>Crossodactylus gaudichaudii</i>	----	----	Lynch, 1971
	<i>Hylodes asper</i>	----	----	Lynch, 1971
	<i>Hylodes dactylocinus</i>	Pavan <i>et al.</i> , 2001	Pavan <i>et al.</i> , 2001	----
	<i>Hylodes glaber</i>	----	----	Lynch, 1971
	<i>Hylodes lateristrigatus</i>	----	----	Lynch, 1971
	<i>Hylodes magalhaesi</i>	----	----	Lynch, 1971
	<i>Hylodes nasus</i>	----	----	Lynch, 1971
	<i>Hylodes perplicatus</i>	----	Miranda Ribero, 1926	----
	<i>Hylodes phyllodes</i>	Heyer & Cocroft, 1986	Heyer & Cocroft, 1986	----
Hyperoliidae	<i>Callixalus pictus</i>	----	Drewes, 1984	Drewes, 1984
	<i>Hyperolius horstockii</i>	Boulenger, 1882; du Preez & Carruthers, 2009	----	----
	<i>Kassinula wittei</i>	----	Drewes, 1984	Drewes, 1984
Leptodactylidae	<i>Crossodactylodes bokermanni</i>	Barata <i>et al.</i> , 2013	----	Gomes, 1988
	<i>Crossodactylodes izecksohni</i>	Barata <i>et al.</i> , 2013	----	Gomes, 1988
	<i>Crossodactylodes pintoii</i>	Barata <i>et al.</i> , 2013	----	Lynch, 1971
	<i>Crossodactylodes septentrionalis</i>	Teixeira <i>et al.</i> , 2013	Teixeira <i>et al.</i> , 2013	Teixeira <i>et al.</i> , 2013
	<i>Hydrolaetare schmidtii</i>	Cochran & Goin, 1959	Cochran & Goin, 1959	Lynch, 1971
	<i>Leptodactylus latinasus</i>	DB pers. obs.	DB pers. obs.; Ponssa, 2008	Lynch, 1971; Ponssa, 2008
	<i>Leptodactylus macrosternum</i>	----	----	Lynch, 1971
	<i>Leptodactylus poecilochilus</i>	----	Boulenger, 1882	Lynch, 1971
	<i>Leptodactylus pustulatus</i>	----	----	Lynch, 1971
	<i>Paratelmatoebius lutzii</i>	Barata <i>et al.</i> , 2013	----	Lynch, 1971

Leptodactylidae (cont.)	<i>Paratelmatoebius mantiqueira</i>	----	Pombal & Haddad, 1999	Pombal & Haddad, 1999
	<i>Paratelmatoebius yepiranga</i>	Garcia <i>et al.</i> , 2009	Garcia <i>et al.</i> , 2009	Garcia <i>et al.</i> , 2009
	<i>Physalaemus ephippifer</i>	DB pers. obs.	DB pers. obs.	Lynch, 1971
	<i>Physalaemus maculiventris</i>	Heyer <i>et al.</i> , 1990	----	Lynch, 1971
	<i>Physalaemus nanus</i>	----	----	Lynch, 1971
	<i>Pseudopaludicola boliviana</i>	DB pers. obs.	DB pers. obs.	Lynch, 1971
	<i>Pseudopaludicola saltica</i>	DB pers. obs.	DB pers. obs.	Lynch, 1971
	<i>Pseudopaludicola pusilla</i>	----	----	Lynch, 1971
	<i>Rupirana cardosoi</i>	----	----	Heyer, 1999
Limnodynastidae	<i>Heleioporus albopunctatus</i>	----	----	Lynch, 1971
	<i>Heleioporus eyrei</i>	----	----	Lynch, 1971
	<i>Notaden nichollsi</i>	Nussbaum & Wu, 2007	Nussbaum & Wu, 2007	Lynch, 1971; Nussbaum & Wu, 2007
	<i>Philoria frosti</i>	----	----	Lynch, 1971
Mantellidae	<i>Boophis rhodoscelis</i>	----	----	Laurent, 1943
	<i>Tsingymantis antitra</i>	Glaw & Vences, 2007	Glaw & Vences, 2007	----
Megophryidae	<i>Leptobranchella mjobergi</i>	Inger & Stuebing, 1997	Inger & Stuebing, 1997	----
Microhylidae	<i>Adelastes hylonomus</i>	----	Zweiffel, 1986	Zweiffel, 1986
	<i>Arcovomer passarelii</i>	MT pers. obs.	MT pers. obs.	MT pers. obs.
	<i>Callulops glandulosus</i>	Zweifel, 1972	Zweifel, 1972	Zweifel, 1972
	<i>Chiasmocleis avilapiresae</i>	MT pers. obs.	MT pers. obs.	MT pers. obs.
	<i>Chiasmocleis capixaba</i>	MT pers. obs.	MT pers. obs.	MT pers. obs.
	<i>Chiasmocleis carvalhoi</i>	MT pers. obs.	MT pers. obs.	MT pers. obs.
	<i>Chiasmocleis leucosticta</i>	MT pers. obs.	MT pers. obs.	MT pers. obs.
	<i>Chiasmocleis schubarti</i>	MT pers. obs.	MT pers. obs.	MT pers. obs.
	<i>Cophixalus saxatilis</i>	----	----	Zweifel, 1985
	<i>Ctenophryne aterrima</i>	MT pers. obs.	MT pers. obs.	MT pers. obs.
	<i>Myersiella microps</i>	MT pers. obs.	MT pers. obs.	MT pers. obs.
	<i>Otophryne pyburni</i>	----	----	Parker, 1934

Microhylidae (cont.)	<i>Otophryne steyermarki</i>	Kok & Kalamandeen, 2008	Kok & Kalamandeen, 2008	----
	<i>Oxydactyla coggeri</i>	----	----	Zweiffel, 2000
	<i>Stereocyclops histrio</i>	MT pers. obs.	MT pers. obs.	MT pers. obs.
	<i>Stereocyclops incrassatus</i>	MT pers. obs.	MT pers. obs.	MT pers. obs.
	<i>Stereocyclops parkeri</i>	MT pers. obs.	MT pers. obs.	MT pers. obs.
	<i>Uperodon mormorata</i>	----	Chandramouli & Dutta, 2015	Chandramouli & Dutta, 2015
Myobatrachidae	<i>Arenophryne rotunda</i>	----	----	Davies, 1984
	<i>Crinia biligua</i>	----	----	Davies, 1984
	<i>Crinia georgiana</i>	----	Heyer & Liem, 1976	Heyer & Liem, 1976
	<i>Crinia glauerti</i>	----	----	Davies, 1984
	<i>Crinia insignifera</i>	----	----	Davies, 1984
	<i>Crinia tasmaniensis</i>	----	----	Davies, 1984
	<i>Crinia subinsignifera</i>	----	----	Davies, 1984
	<i>Pseudophryne australis</i>	----	----	Heyer & Liem, 1976
	<i>Pseudophryne corroborree</i>	----	----	Lynch, 1971; Heyer & Liem, 1976,
	<i>Pseudophryne dendyi</i>	----	----	Heyer & Liem, 1976
	<i>Pseudophryne douglasi</i>	----	----	Heyer & Liem, 1976
	<i>Pseudophryne guentheri</i>	----	----	Heyer & Liem, 1976,
	<i>Pseudophryne major</i>	----	----	Heyer & Liem, 1976
	<i>Pseudophryne occidentalis</i>	----	----	Heyer & Liem, 1976
	<i>Pseudophryne semimarmorata</i>	Loftus-Hill, 1973	Loftus-Hill, 1973	Loftus-Hill, 1973; Heyer & Liem, 1976
	<i>Taudactylus diurnus</i>	Nussbaum & Wu, 2007	Nussbaum & Wu, 2007	Nussbaum & Wu, 2007; Perry, 2004
Odontobatrachidae	<i>Odontobatrachus natator</i>	Scott, 2005	Scott, 2005; Barej <i>et al.</i> , 2014	Scott, 2005; Barej <i>et al.</i> , 2014
Phrynobatrachidae	<i>Phrynobatrachus plicatus</i>	Scott, 2005	Scott, 2005	Scott, 2005

Pyxicephalidae	<i>Anhydrophryne hewitti</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Arthroleptella lightfooti</i>	Scott, 2005	Scott, 2005	Scott, 2005
	<i>Ericabatrachus baleensis</i>	----	Scott, 2005	Scott, 2005
	<i>Nothophryne broadleyi</i>	Scott, 2005	Scott, 2005	Scott, 2005
Ranidae	<i>Hydrophylax gracilis</i>	Biju <i>et al.</i> , 2014b	Biju <i>et al.</i> , 2014b	----
	<i>Indosylvirana temporalis</i>	Biju <i>et al.</i> , 2014b	Biju <i>et al.</i> , 2014b	----
	<i>Indosylvirana flavescens</i>	----	Chandramouli & Dutta, 2015	Chandramouli & Dutta, 2015
Ranixalidae	<i>Indirana temporalis</i>	----	Boulenger, 1882	Boulenger, 1882
Rhacophoridae	<i>Pseudophilautus silus</i>	----	----	Kernet <i>et al.</i> , 2007
	<i>Theلودerma pictum</i>	----	----	Liem, 1970
Telmatobiidae	<i>Telmatobius brachydactylus</i>	----	----	Lynch, 1978
	<i>Telmatobius laticeps</i>	----	----	Lynch, 1971
	<i>Telmatobius macrostomus</i>	----	----	Lynch, 1971
Incertae sedis (Brachycephaloidea)	<i>Atopophrynus syntomopus</i>	----	----	Myers & Ford, 1986
	<i>Geobatrachus walkeri</i>	Ardila-Robayo, 1979	Ardila-Robayo, 1979	Ardila-Robayo, 1979

1.5—References

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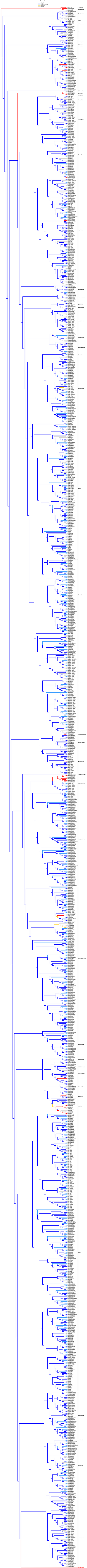
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Section S2. Ancestral character state reconstructions and detailed description of the occurrence of the columella in non-Bufoanidae anuran families

S2.1—Parsimony ancestral state reconstructions of columella condition for outgroups following the phylogenetic hypothesis of Pyron (2014).

Note that the plesiomorphic condition in Anura is presence of columella (see Discussion section for details).



S2.2—Additional information on clades or species of Anura in which tympanic middle ear structures were completely lost (as evidenced by the lack of columella).

Clades in which the lack of columella is a putative synapomorphy. Numbers given in brackets are scored species/total species in the genus

Ascaphus [1/2] (Ascaphidae) + *Leiopelma* [2/4] (Leiopelmatidae): As was noted in the Discussion section, the lack of tympanic middle ear structures is a synapomorphy of the most basal extant anuran clade (see Section S2.1).

Atelognathus [6/7] + *Chaltenobatrachus* [1/1] (Batrachylidae): The only two species included by Pyron (2014) lack a columella, as well as *A. nitoi*, *A. praebasalticus*, *A. reverberii*, and *A. solitarius* (see Section S1). *Chaltenobatrachus grandisonae* was not included by Pyron (2014) but Basso *et al.* (2011) recovered *Atelognathus* and *Chaltenobatrachus* as highly supported sister genera.

Brachycephalus [8/29] (Brachycephalidae): The eight scored species that were included by Pyron (2014) lack a columella. The remaining four sampled species have unknown character states.

Hoplophryne [2/2] (Microhylidae): Both species of this genus lack a columella.

Pseudophryne [10/14] (Myobatrachidae): The only two species included by Pyron (2014) lack a columella. In addition eight species not included in that hypothesis lack this structure (see Section S1), and the condition is unknown in the remaining four species.

Telmatobufo [3/4] (Calyptocephalellidae): The only two species included by Pyron (2014) lack a columella, as well as *T. australis* (see Section S1). The character state in the remaining species (*T. ignotus*) is unknown.

Species in which the lack of a columella is autapomorphic according to the phylogenetic hypothesis of Pyron (2014)

Balebreviceps hilmani (Brevicipitidae): Monotypic genus.

Melanobatrachus indicus (Microhylidae): Monotypic genus.

Rhinophrynus dorsalis (Rhinophrynidae): Monotypic family.

Pristimantis duellmani, *P. simonsii*, and *P. surdus* (Craugastoridae): The lack of a columella in these species represents three independent autapomorphies within *Pristimantis*.

Species where a more exhaustive phylogenetic or/and osteological data are necessary to better understand the evolution of tympanic middle ear

Alsodes (Alsodidae): The plesiomorphic condition in this genus is recovered as ambiguous. The revision of the sequences employed in the phylogenetic analysis of Pyron (2014) revealed some

chimeric terminals (B. L. Blotto, obs. pers.). Despite having considered more terminals for *Alsodes*, the phylogenetic hypothesis of Blotto *et al.* (2013) differs in the position of only a few terminals, and optimization of the columella results in the same ambiguities as Pyron's hypothesis. Nevertheless, a rather complex pattern of evolution for the occurrence of columella is evident (see Section S2.1). Thus, the coding of columella condition in additional species of *Alsodes* may help to solve the ambiguities.

Atopophrynus syntomopus (Brachycephaloidea): This species lacks a columella. Unfortunately, its phylogenetic relationships within Brachycephaloidea are uncertain (see Padial *et al.*, 2014), so it is not possible to interpret the significance of this condition in a phylogenetic context.

Bombina (Bombinatoridae): As was noted by Ramaswami (1942) and Wever (1985) the pattern of morphological and developmental variation of the columella in this genus is complex. In some species this element was reported to be a cartilaginous structure connected to the hyoid laterally (see Wever, 1985) or as a small independent cartilage that was interpreted as a remnant of the columella (Stadtmüller, 1931). Based on the presence or absence of these cartilages, we score the columella as present in *B. maxima*, *B. orientalis*, *B. pachypus*, and *B. variegata* and absent in *B. bombina*.

Crinia riparia (Myobatrachidae): This species is deeply nested in *Crinia* (see Appendix S2.1). The inclusion of the remaining species not sampled by Pyron (2014) in a phylogenetic analysis, as well as additional description of the columella in this genus, will help to understand if this condition represents an apomorphy of this species or of a subclade of *Crinia*.

Euparkerella + *Holoaden* and *Bryophryne* (Craugastoridae): all five species of *Euparkerella*, the two scored species of *Holoaden*, and the only species of *Bryophryne* included by Pyron (2014) lack a columella. The phylogenetic relationships among these genera result in an ambiguity for columella condition within Craugastoridae (see Section S2.1). As *Bryophryne* includes eight additional species, some of which have a columella (see Section S1), a more inclusive phylogeny of this clade, and new morphological data will help to understand the pattern of tympanic middle ear evolution in Craugastoridae.

Hemisus (Hemisotidae): The only included species of this genus lacks a columella. The study of the remaining species will help to understand if this condition represents an autapomorphy of this species or a synapomorphy of *Hemisus* (or a subclade).

Microhyla (Microhylidae): Parker (1934) indicates that all the species of *Microhyla* he studied have a complete middle ear except for lacking an external tympanic membrane. However, Vorobyeva and Smirnov (1987), who specifically studied this character system, found *Microhyla butleri* and *M. heymonsi* to lack a columella. Subsequently, Smirnov (1991) states that *M. ornata* possesses a tympanic middle ear whereas *M. heymonsi* lacks it. He also described *M. pulchra* as

having a poorly differentiated plectral apparatus in newly metamorphosed individuals. So, it is clear that the columella is both present and absent in *Microhyla*, and more studies are necessary to understand the taxonomic distribution of the different elements of the tympanic middle ear in this genus.

Nanorana (Dicroglossidae): There is an ambiguity in a subclade of this genus (see Section S2.1) for which it is not possible to define the number of transformations in the columella in this genus.

Oreolalax (Megophryidae): Only one species of this genus was included by Pyron (2014), and it lacks a columella; however, the occurrence of a columella varies among species of this genus, so the inclusion of at least some of the remaining 17 species in phylogenetic analyses is necessary to determine if this condition represents an apomorphy of this species or of a subclade of *Oreolalax*.

Phrynomys juninensis and related species (Craugastoridae): The closely related species of *P. juninensis* (e.g. *P. bracki*, *P. tautzorum*) lack a tympanic membrane and annulus, but the condition for the columella is unknown (see Section S1). Additional studies are necessary to understand the pattern of evolution of the tympanic middle ear.

Scutiger (Megophryidae): Two independent losses occurred within this genus (see Section S2.1), although only six of the 20 species were included by Pyron (2014) and the columella condition is known for only five of those species (see Section S1).

Telmatobius (Telmatobiidae): Two independent secondary losses and two cases of intraspecific polymorphism occur in this genus (see Section S2.1). Only 17 of the 63 species of the genus were included by Pyron (2014), and columella condition was scored for 15 of those (see Section S1). Although the columella was described as absent in *T. yuracare* (de la Riva, 1994), it was scored as present because the examination of the same specimens used for the original osteological description (MNCN 16645-46) reveal the presence of an extremely small columella. In *Telmatobius*, the columella shows marked differences in shape and size, even intraspecifically and within the same individual (Wiens, 1993).

Additional species with absence of tympanic middle ear not included in Pyron (2014)

Arenophryne rotunda (Myobatrachidae): This species lacks a columella and was recovered as sister of taxon of *Myobatrachus* by Read *et al.* (2001). In the context of this phylogenetic relationship, this condition represents an independent loss in Anura. The condition in the other species of this genus is unknown.

Crossodactylodes and *Paratelmatobius* (Leptodactylidae): *Crossodactylodes septentrionalis* and two additional unnamed species were included in the phylogenetic analysis of Fouquet *et al.* (2013), and the absence of columella was proposed as a synapomorphy of this genus. Four analyzed species

lack a columella (see Section S1), whereas this condition is unknown in the remaining species. *Paratelmatoobius lutzi* is the only known species of *Paratelmatoobius* lacking a columella, whereas it is present in *P. cardosoi*, *P. mantiqueira*, *P. poecilogaster*, and *P. yepiranga*, and the condition is unknown in *P. gaigeae* (see Section S1). If *P. lutzi* is recovered nested in *Paratelmatoobius* the lack of columella in this species represent another independent loss in Anura. Alternatively, if this species is the sister taxon of all other species of the genus, this can result in an ambiguity for the columella condition within Paratelmatoobiinae, according to the relationships proposed by Fouquet *et al.* (2013).

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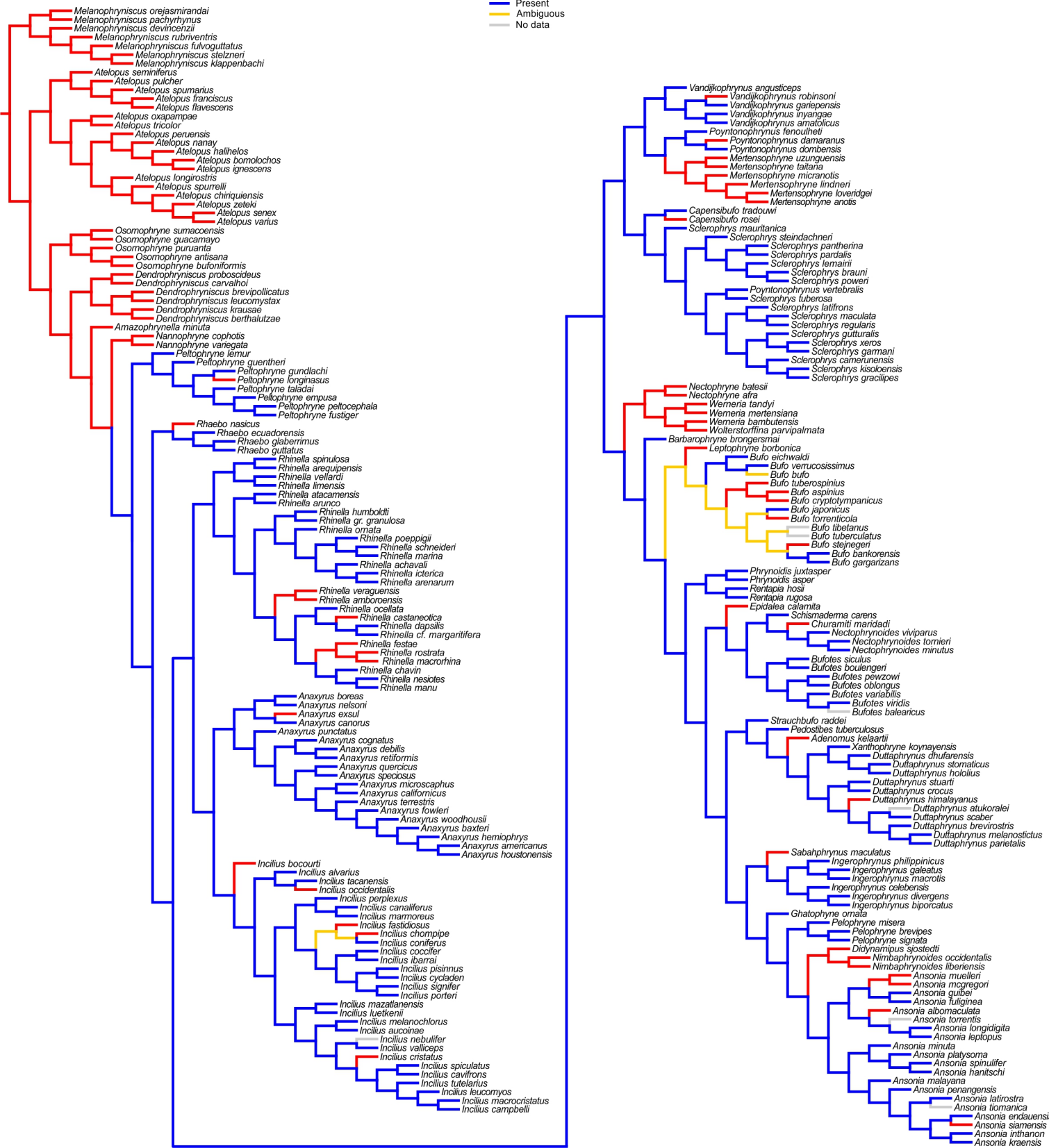
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Section S3. Results of ancestral reconstructions for Bufonidae

S3.1—Partial phylogenetic tree of Pyron (2014) showing ancestral reconstructions for: (a) tympanic membrane with parsimony, (b) tympanic annulus with parsimony, (c) columella considering equal rates transitions with maximum likelihood, (d) columella considering all rates differ transitions with maximum likelihood, (e) columella considering equal rates transitions with stochastic character mapping, (f) columella considering equal rates transitions + “eared” ancestor with stochastic character mapping, (g) columella considering Dollo’s law (no regains) with stochastic character mapping.

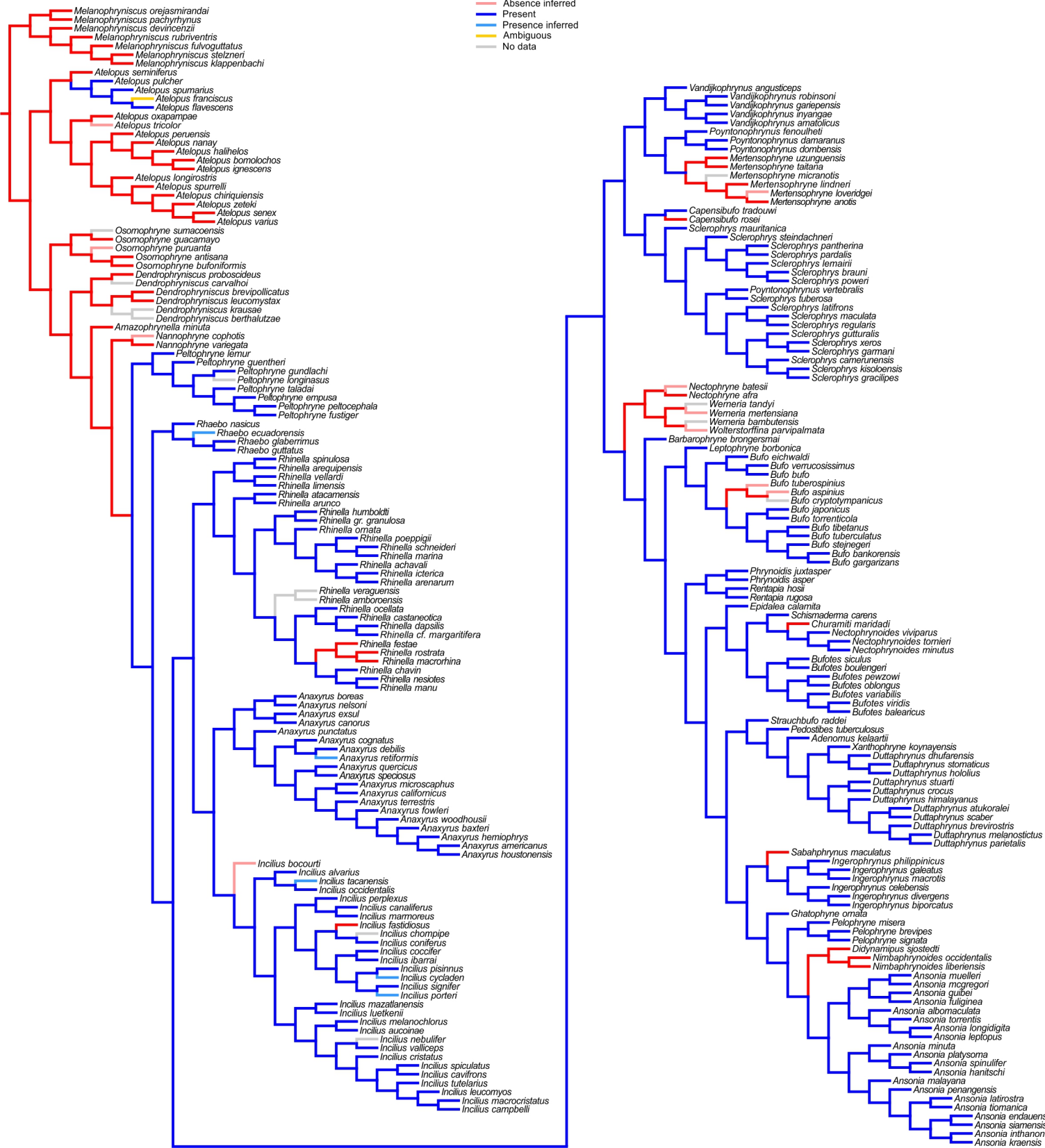
a) Tympanic membrane

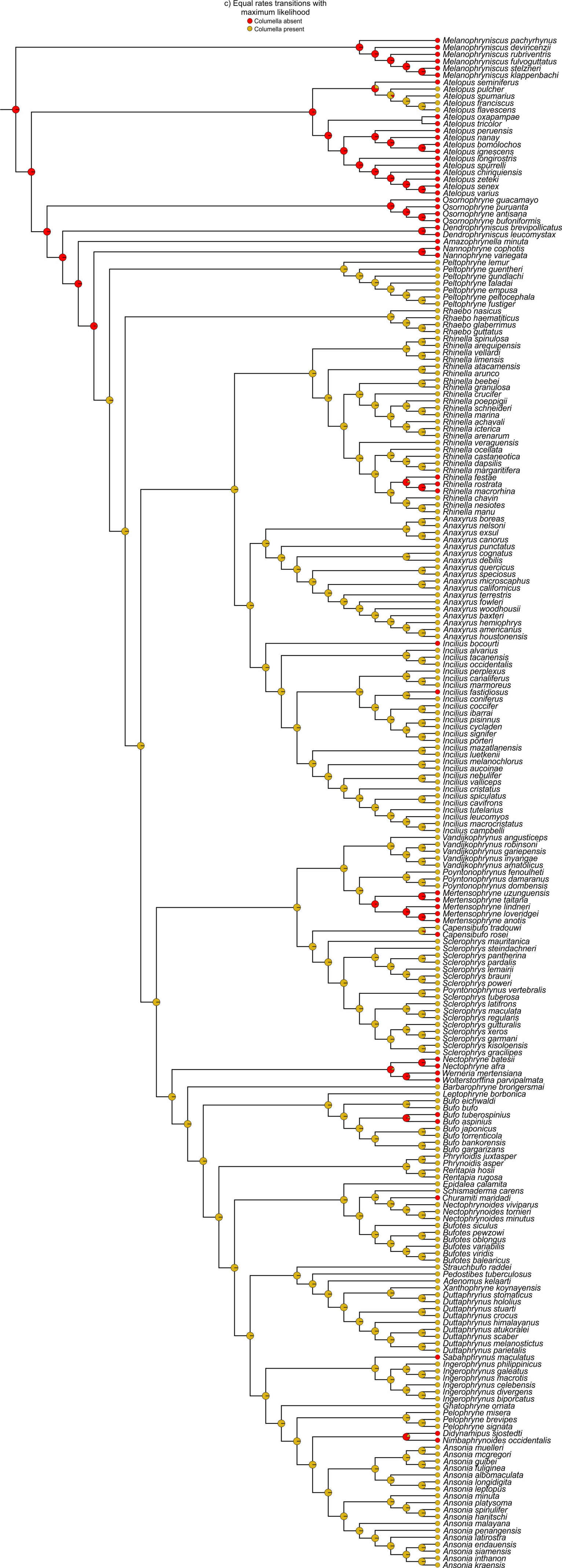
- Absent
- Present
- Ambiguous
- No data

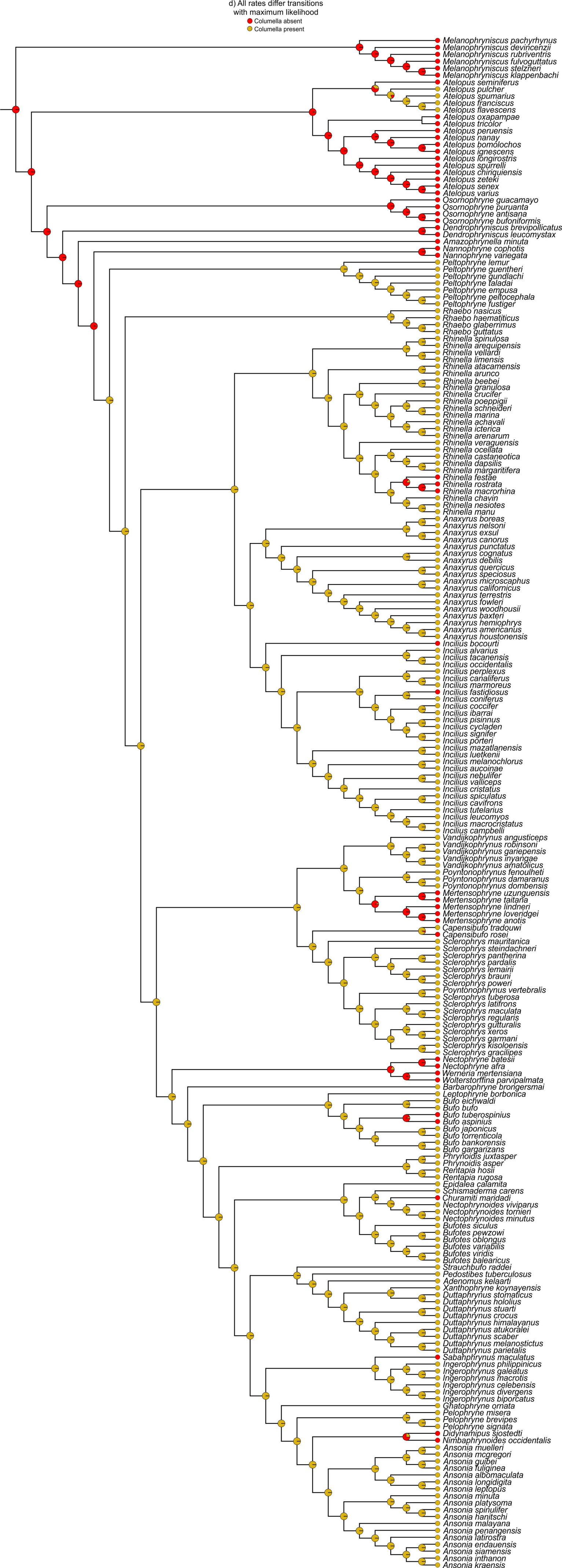


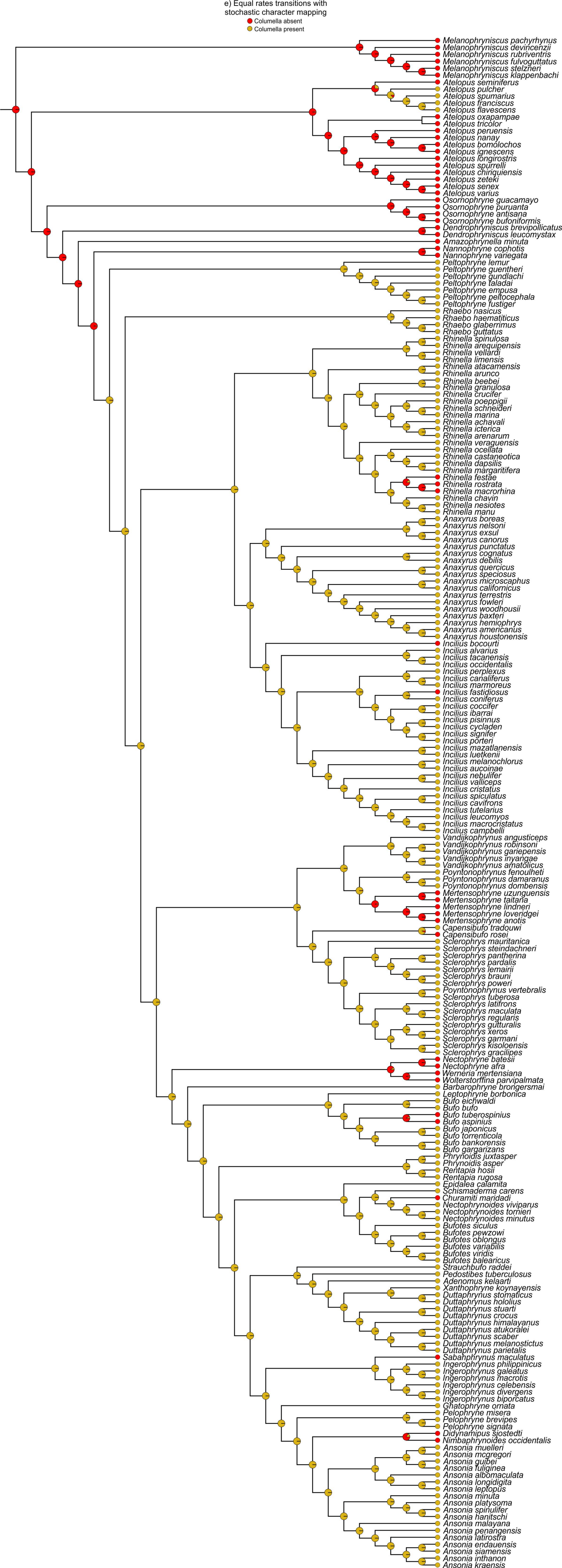
b) Tympanic annulus

- Absent
- Absence inferred
- Present
- Presence inferred
- Ambiguous
- No data



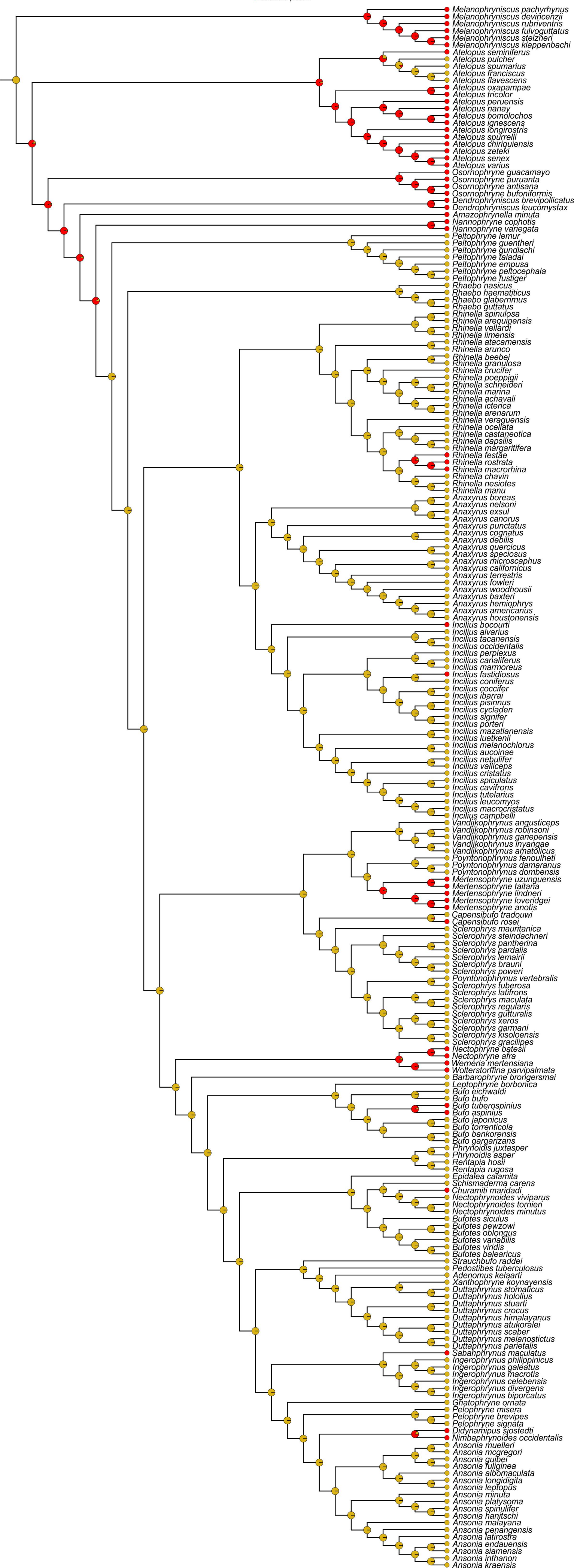






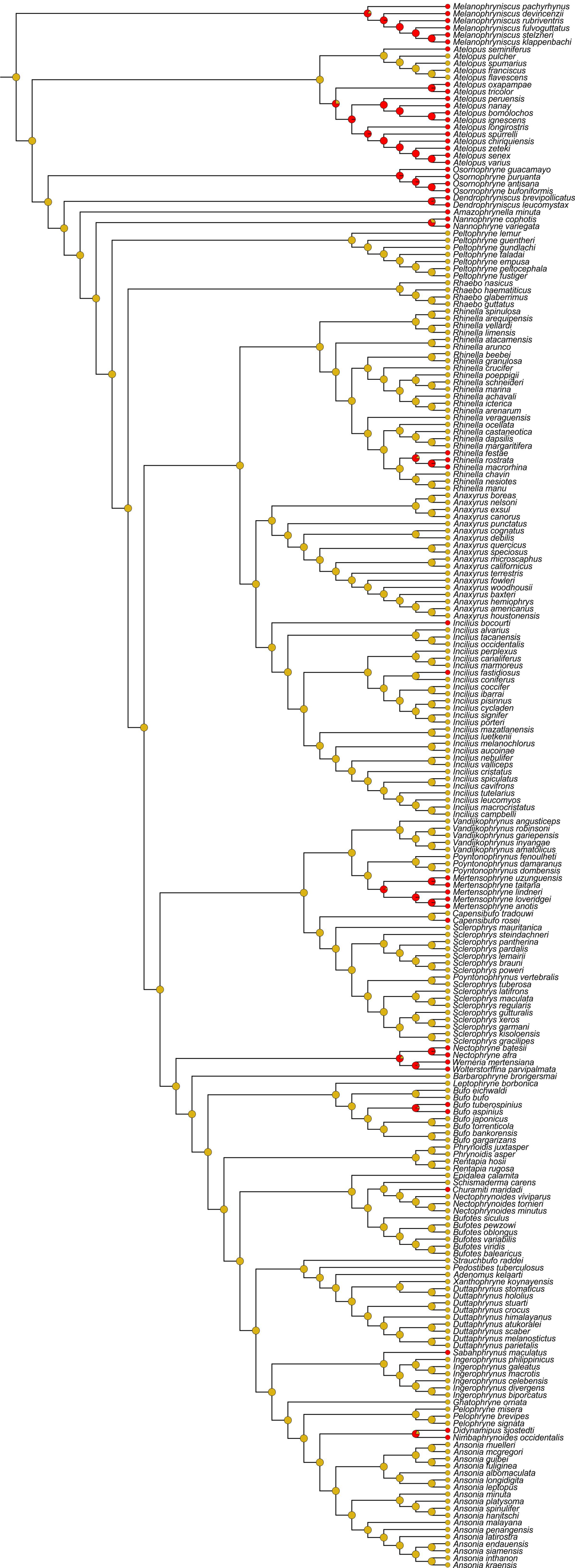
f) Equal rates transitions + "eared" ancestor
with stochastic character mapping

- Columella absent
- Columella present



g) Dollo's law (no regains) with stochastic character mapping

● Columella absent
● Columella present



S3.2—Comparison of estimated tympanic middle ear transformations across parsimony, maximum likelihood analyses and Bayesian stochastic mutational mapping analyses on phylogenies.

For the maximum likelihood analyses we tested models in which transition rates from presence/absence of columella were allowed to differ across the tree (ARD) and a model in which transition rates were equal (ER). The equal transition rates model had a lower AIC value and was therefore used in all Bayesian models. All the unconstrained analyses (parsimony, ARD and ER maximum likelihood, ER SIMMAP) support an ancestor lacking columella with two subsequent regains in Bufonidae: one within *Atelopus* and one within the sister clade of *Nannophryne*. When the ancestor is constrained to having a complete middle ear, the SIMMAP model supports only one regain of the middle ear within *Atelopus*. When no regains are allowed (Dollo’s law), the SIMMAP model supports 17 total losses of columella. N/A: not applicable.

Model	AIC	# of losses	# of regains	Total transitions	Support for earless ancestor (Yes/No, %)
Parsimony	N/A	10	2	12	Yes, N/A
ARD	108.362	10	2	12	Yes, 99.499%
ER	106.849	10	2	12	Yes, 99.592%
ER SIMMAP	N/A	10	2	12	Yes, 99.995%
ER + “eared” ancestor SIMMAP	N/A	12	2	14	No by design
Dollo’s Law SIMMAP	N/A	17	0	17	Not possible

Section S4. Detail of the clades or species of Bufonidae where tympanic middle ear transformations occurred

S4.1—Detail of the clades or species of Bufonidae where tympanic middle ear transformations occurred according to the ancestral state reconstructions shown in figure 2 and Section S3.

- Tympanic membrane:

Within Bufonidae a regain of this structure occurred in the sister clade of *Nannophryne*. Subsequent independent losses occurred at least 25 times in the following taxa: at least four times (and up to five, depending on alternative resolution of the ambiguity) within *Incilius*, three times in *Ansonia*, three times in *Rhinella*, at least once (and up to four times) in the clade *Leptophryne borbonica* + *Bufo*, once in each of the clades *Didynamipus* + *Nimbaphrynoides*, *Nectophryne* + *Werneria* + *Wolterstorffina*, and *Mertensophryne*, and in each of the species *Adenomus kelaartii*, *Anaxyrus exsul*, *Capensibufo rosei*, *Churamiti maridadi*, *Duttaphrynus himalayanus*, *Epidalea calamita*, *Peltophryne longinasus*, *Poyntonophrynus damaranus*, *Rhaebo nasicus*, *Sabahphrynus maculatus*, and *Vandijkophrynus robinsoni*.

- Tympanic annulus and columella:

From the ancestral condition there were two independent reappearances of these structures: (a) within a derived clade of *Atelopus*, the *Atelopus flavescens-spumarius* clade, composed by *A. flavescens*, *A. franciscus*, *A. pulcher*, and *A. spumarius*, and (b) in the sister clade of *Nannophryne*. Ten independent secondary losses occurred within the last clade in the following taxa: *Bufo tuberospinus* + *B. aspinus* + *B. cryptotympanicus*, *Capensibufo rosei*, *Churamiti maridadi*, *Didynamipus* + *Nimbaphrynoides*, *Incilius bocourti*, *I. fastidiosus*, *Mertensophryne*, *Nectophryne* + *Werneria* + *Wolterstorffina*, *Rhinella festae* + *R. macrorhina* + *R. rostrata*, and *Sabahphrynus maculatus*.

S4.2—Inferred transformations in tympanic middle ear structures and relationships in bufonids analyzed in published phylogenetic analyses but not included by Pyron (2014).

- Taxa that affect the number of transformations inferred and discussed on Section S4.1:

(a) *Frostius erythrophthalmus*. This species (and also its closely related species *F. pernambucensis*), has a tympanic membrane, tympanic annulus, and columella, and was recovered as the sister taxon of *Oreophryne* by Peloso *et al.* (2012) and Ron *et al.* (2015). The conditions of *Frostius* add one independent regain of tympanic middle ear structures in Bufonidae.

(b) *Rhaebo colomai* and *R. olallai*. Ron *et al.* (2015) synonymized the genus *Andinophryne* with *Rhaebo* based on results of a phylogenetic analysis. *Rhaebo colomai* and *R. olallai* were recovered nested within the remaining species of *Rhaebo*. Both species lack a tympanic membrane but retain a tympanic annulus and columella. This situation left unresolved the number of independent losses of tympanic membrane within *Rhaebo* (once or twice) but does not modify the number of steps for the two transformation series.

(c) *Parapelophryne scalpta*. This species was recovered as sister taxon of *Bufo* in the phylogenetic analysis of Matsui *et al.* (2015). It lacks a tympanic membrane but retains a tympanic annulus and columella. The lack of a tympanic membrane in this species affects the ancestral character reconstruction of this character, because it resolves the ambiguities in *Bufo* + *Leptophryne borbonica*. Thus, the lack of tympanic membrane is the plesiomorphic condition for the clade *Leptophryne* + *Parapelophryne* + *Bufo*, with three independent regains in *Bufo*. The ancestral character reconstructions for tympanic annulus and columella are not modified.

(d) *Bufotes latastii*, *B. luristanicus*, *B. pseudoraddei*, and *B. surdus* were included in a phylogenetic analysis by Portik and Papenfuss (2015), in which it was recovered nested within a monophyletic *Bufotes*. The lack of a differentiated tympanic membrane in *B. surdus* adds one additional step only in this transformation series.

(e) The clade *Bufoides meghalayanus* + *Blythophryne beryet* was recovered as the sister clade of *Xanthophryne koynayensis* by Chandramouli *et al.* (2016). The lack of a differentiated tympanic membrane in *B. meghalayanus* adds one additional step in this transformation series. The conditions for tympanic annulus and columella in *Bufoides meghalayanus* are unknown.

- Taxa that do not affect the number of transformations inferred and discussed on Section S4.1:

(a) *Oreophrynella*. Species of this monophyletic genus (Kok *et al.* 2012) lack tympanic middle ear structures and have been recovered as the sister clade of *Atelopus* in the phylogenetic analyses of Pramuk (2006) and van Bocxlaer *et al.* (2010).

(b) *Amazophrynella amazonicola*, *A. bokermanni*, *A. javierbustamantei*, *A. manaos*, *A. matses*, and *A. vote*. All of these species lack at least the tympanic membrane. Phylogenetic studies for these species were done by Rojas *et al.* (2014, 2015, 2016) who recovered *Amazophrynella* as monophyletic.

(c) *Adenomus kandianus*. This species lacks a tympanic membrane but possesses a tympanic annulus and columella. It is the sister taxon to *A. kelaartii* according to Meegaskumbura *et al.* (2015).

(d) *Sclerophrys arabica*, *S. asmarae*, *S. blandfordii*, *S. capensis*, *S. dodsoni*, *S. pentoni*, *Duttaphrynus dhufarensis* and *D. olivaceus*. All these species were included in the phylogenetic analysis of Portik and Papenfuss (2015).

(e) *Ansonia lumut* and *A. vidua*, which were recovered nested in *Ansonia* by Chan *et al.* (2014) and Hertwig *et al.* (2014) respectively. Both species possess a complete tympanic middle ear.

(f) *Rhinella alata*, which possesses a complete tympanic middle ear, is recovered nested in the *R. margaritifera* group by Santos *et al.* (2015).

(g) *Rhinella azarai*, *R. bernardoi*, *R. bergi*, *R. centralis*, *R. dorbignyi*, *R. fernandezae*, *R. major*, *R. merianae*, *R. mirandaribeiroi*, and *R. pygmaea* were recovered within a monophyletic *R. granulosa* group; *R. henseli* as sister taxon of *R. crucifer*; and *R. sternosignata* as sister taxon of the clade composed by the species of the *R. margaritifera* + *R. veraguensis* groups by Pereyra *et al.* (2016). All of these species possess complete tympanic middle ears.

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Section S5. Taxonomic distribution of mating systems in Bufonidae

5.1—Taxonomic distribution of mating system in species of Bufonidae.

The distinctions among mating systems are somewhat artificial (see Wells, 2007) and the reproductive mode for many taxa are not well described. Thus we arbitrarily consider prolonged breeders as opposite to species with scramble competition, since we are interested only in the taxonomic distribution of the latter. We consider occurrence of scramble competition when the reproduction is explosive, there is fighting between males for females (but not for the territory) and/or non-choice for pairs. See figure in the last page for the taxonomic distribution of mating systems among the species of Bufonidae included in the phylogenetic analysis of Pyron (2014). Abbreviations: DB, Diego Baldo; LAC, Luis A. Coloma; MOP, Martín O. Pereyra.

Genus (number of species)	Species	Mating system	Source
<i>Adenomus</i> (2 sp.)	<i>A. kandianus</i>	scramble	Meegaskumbura <i>et al.</i> , 2015
<i>Altiphrynoides</i> (2 sp.)	<i>A. malcolmi</i>	scramble	Grandison, 1978
<i>Amazophrynella</i> (6 sp.)	<i>A. minuta</i>	prolonged	Moreira & Lima, 1996
<i>Anaxyrus</i> (22 sp.)	<i>A. americanus</i>	scramble	Wells, 1977
	<i>A. californicus</i>	prolonged	AmphibiaWeb
	<i>A. canorus</i>	scramble	Wright & Wright, 1995
	<i>A. cognatus</i>	scramble	Wells, 1977; Degenhardt <i>et al.</i> , 1996
	<i>A. debilis</i>	prolonged	Degenhardt <i>et al.</i> , 1996
	<i>A. exsul</i>	scramble	Wells, 1977
	<i>A. fowleri</i>	prolonged	Wells, 1977; Given, 2002
	<i>A. microscaphus</i>	prolonged	Degenhardt <i>et al.</i> , 1996
	<i>A. nelsoni</i>	prolonged	Wright & Wright, 1995
	<i>A. punctatus</i>	prolonged	Degenhardt <i>et al.</i> , 1996
	<i>A. quercicus</i>	prolonged	Wright & Wright, 1995
	<i>A. retiformis</i>	prolonged	Bogert, 1962
	<i>A. terrestris</i>	scramble? explosive	Bartlett & Bartlett, 1999
	<i>A. woodhousii</i>	scramble	Wells, 1977

Ansonia (28 sp.)	<i>A. malayana</i>	prolonged	Dring, 1979
Atelopus (96 sp.)	<i>A. elegans</i>	scramble	LAC pers. obs.
	<i>A. ignescens</i>	scramble	Peters, 1973
	<i>A. laetissimus</i>	scramble	Granda-Rodriguez <i>et al.</i> , 2009
	<i>A. oxyrhynchus</i>	cf. scramble	Dole & Duran, 1974
	<i>A. pumex</i>	prolonged	Savage, 2002
	<i>A. varius</i>	scramble? explosive	Crump, 1988
Barbarophryne (1 sp.)	<i>B. brongersmai</i>	scramble	Martinez del Marmol Marin & Jimenez Robles, 2013
Blytrophryne (1 sp.)	No data		
Bufo (17 sp.)	<i>B. bankorensis</i>	prolonged	Pope, 1931
	<i>B. bufo</i>	scramble	Davies & Halliday, 1978; Hoghlund & Robertson, 1988
	<i>B. gargarizans</i>	scramble	Liu, 1950
	<i>B. stejnegeri</i>	prolonged	Fei <i>et al.</i> , 2009
	<i>B. tibetanus</i>	prolonged	Fei <i>et al.</i> , 2009
	<i>B. torrenticola</i>	scramble? explosive	Tsuji & Kawamichi, 1996
	<i>B. verrucosissimus</i>	prolonged	Kuzmin, 1999
Bufoides (1 sp.)	No data		
Bufotes (14 sp.)	<i>B. boulengeri</i>	explosive	
	<i>B. viridis</i>	prolonged	Salvador, 1996
Capensibufo (2 sp.)	<i>C. rosei</i>	scramble	Minter <i>et al.</i> , 2004, Wells, 1977
Churamiti (1 sp.)	No data		
Dendrophryniscus (10 sp.)	<i>D. leucomystax</i>	scramble? explosive	Zina, 2010
Dydimamipus (1 sp.)	No data		
Duttaphrynus (27 sp.)	<i>D. crocus</i>	scramble? explosive	Wogan <i>et al.</i> , 2003
	<i>D. melanostictus</i>	scramble? explosive	Khan, 2000 in AmphibiaWeb
		prolonged	Church, 1960

<i>Epidalea</i> (1 sp.)	<i>E. calamita</i>	prolonged	Sinsch, 1992
<i>Frostius</i> (2 sp.)	No data		
<i>Ghathphryne</i> (2 sp.)	No data		
<i>Incilius</i> (40 sp.)	<i>I. alvarius</i>	scramble	Blair & Pettus, 1954, Wells, 1977
	<i>I. coniferus</i>	prolonged	Savage, 2002
	<i>I. fastidiosus</i>	scramble	Han & Fu, 2013
	<i>I. luetkenii</i>	prolonged	Savage, 2002
	<i>I. melanochlorus</i>	prolonged	Savage, 2002
	<i>I. nebulifer</i>	prolonged	Savage, 2002
	<i>I. valliceps</i>	prolonged	Wells, 1977
<i>Ingerophrynus</i> (12 sp.)	<i>I. biporcatus</i>	prolonged	Márquez & Eekhout, 2006
	<i>I. parvus</i>	prolonged	Shahriza <i>et al.</i> , 2012
<i>Laurentophryne</i> (1 sp.)	No data		
<i>Leptophryne</i> (2 sp.)	No data		
<i>Melanophryniscus</i> (26 sp.)	<i>M. alipioi</i>	scramble	DB pers. obs.
	<i>M. krauczuki</i>	scramble	DB pers. obs.
	<i>M. langonei</i>	scramble	DB pers. obs.
	<i>M. devincenzii</i>	scramble	DB pers. obs.
	<i>M. cambaraensis</i>	scramble	Santos & Grant, 2010
	<i>M. macrogranulosus</i>	scramble	Zaffaroni Caorsi <i>et al.</i> , 2014
	<i>M. klappenbachi</i>	scramble	MOP pers. obs.
	<i>M. fulvoguttatus</i>	scramble	DB pers. obs.
	<i>M. atroluteus</i>	scramble	MOP pers. obs.
	<i>M. cupreuscapularis</i>	scramble	DB pers. obs.
	<i>M. rubriventris</i>	scramble	Goldberg <i>et al.</i> , 2006
	<i>M. stelzneri</i>	scramble	DB pers. obs.
	<i>M. fulvogutattus</i>	scramble	DB pers. obs.
<i>Mertensophryne</i> (14 sp.)	<i>M. taitana</i>	prolonged	Stewart, 1967
<i>Metaphryniscus</i> (1 sp.)	No data		
<i>Nannophryne</i> (4 sp.)	<i>N. variegata</i>	scramble	Formas & Pugin 1978
<i>Nectophryne</i> (2 sp.)	No data		

<i>Nectophrynoides</i> (13 sp.)	<i>N. asperginis</i>	scramble	Lee <i>et al.</i> , 2006
<i>Nimbaphrynoides</i> (1 sp.)	No data		
<i>Oreophrynella</i> (9 sp.)	No data		
<i>Osornophryne</i> (11 sp.)	No data		
<i>Parapelophryne</i> (1 sp.)	No data		
<i>Pedostibes</i> (2 sp.)	No data		
<i>Pelophryne</i> (11 sp.)	No data		
<i>Peltophryne</i> (12 sp.)	<i>P. fustiger</i>	prolonged	Schwartz, 1991
	<i>P. peltoccephala</i>	prolonged	Valdes, 1988
<i>Phrynoidis</i> (2 sp.)	<i>P. juxtaspera</i>	prolonged	Inger & Bacon, 1968
<i>Poyntonophrynus</i> (10 sp.)	<i>P. damaranus</i>	scramble	Minter <i>et al.</i> , 2004
<i>Pseudobufo</i> (1 sp.)	No data		
<i>Rentapia</i> (3 sp.)	No data		
<i>Rhaebo</i> (13 sp.)	<i>R. guttatus</i>	scramble	Machado & Bernarde, 2011
	<i>R. haematiticus</i>	prolonged	Savage, 2002
<i>Rhinella</i> (90 sp.)	<i>R. arenarum</i>	scramble	MOP pers. obs.
	<i>R. azarai</i>	scramble	Pereyra <i>et al.</i> , 2016
	<i>R. bergi</i>	scramble	Pereyra <i>et al.</i> , 2016
	<i>R. castaneotica</i>	prolonged	Caldwell & de Araújo 2004
	<i>R. chavin</i>	prolonged	Lehr <i>et al.</i> , 2001
	<i>R. icterica</i>	scramble	MOP pers. obs.
	<i>R. fernandezae</i>	scramble	Pereyra <i>et al.</i> , 2016
	<i>R. major</i>	scramble	Pereyra <i>et al.</i> , 2016
	<i>R. margaritifera</i>	scramble	Wells, 1979, Hodl, 1990
	<i>R. marina</i>	scramble	Wells, 1977
	<i>R. ornata</i>	scramble	DB pers. obs.
	<i>R. ocellata</i>	prolonged	Caldwell & Shepard, 2007
	<i>R. rubescens</i>	scramble	Arantes <i>et al.</i> , 2015
	<i>R. rumbolli</i>	scramble	DB and MOP pers. obs.
	<i>R. schneideri</i>	scramble	Arantes <i>et al.</i> , 2015
<i>Sabahphrynus</i> (1 sp.)	No data		
<i>Schismaderma</i> (1 sp.)	<i>S. carens</i>	scramble? explosive	Tandy & Keith, 1972

<i>Sclerophrys</i> (44 sp.)	<i>S. capensis</i>	prolonged (female choice)	Minter <i>et al.</i> , 2004
		scramble	Tandy & Keith, 1972
	<i>S. garmani</i>	prolonged	Keith, 1968; Minter <i>et al.</i> , 2004
	<i>S. gutturalis</i>	scramble	Passmore, 1981; du Preez & Carruters, 2009
	<i>S. kisoensis</i>	prolonged	Keith, 1968
	<i>S. maculata</i>	prolonged	Tandy & Keith, 1972
	<i>S. mauritanica</i>	prolonged	Salvador, 1996
	<i>S. pantherina</i>	scramble	Poynton & Lambiris, 1998
	<i>S. pardalis</i>	scramble	Poynton & Lambiris, 1998
	<i>S. regularis</i>	scramble	Wells, 1977
	<i>S. xeros</i>	prolonged	Tandy <i>et al.</i> , 1976
<i>Strauchbufo</i> (1 sp.)	<i>S. raddei</i>	scramble	Liu, 1950
<i>Truebella</i> (2 sp.)	No data		
<i>Vandijkophrynus</i> (5 sp.)	<i>V. angusticeps</i>	scramble	Minter <i>et al.</i> , 2004, du Preez & Carruters, 2009
	<i>V. gariensis</i>	prolonged	Tandy & Keith, 1972
<i>Werneria</i> (6 sp.)	No data		
<i>Wolterstorffina</i> (3 sp.)	No data		
<i>Xanthophryne</i> (2 sp.)	<i>X. koynayensis</i>	scramble	Gaitonde <i>et al.</i> , 2016
	<i>X. tigerina</i>	scramble	Gaitonde <i>et al.</i> , 2016

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