

AmphiBIO, a global database for amphibian ecological traits

Brunno Freire Oliveira, Vinícius Avelar São-Pedro, Georgina Santos-Barrera, Caterina Penone, Gabriel C. Costa

List of references cited in AmphiBIO:

- Abrunhosa, P. A., H. Wogel, and J. P. P. Junior. 2014. Spatial and temporal organization in three syntopic species of the *Scinax ruber* group (Anura: Hylidae) in the Atlantic rainforest, southeastern Brazil. *Journal of Natural History* 48:2449–2471.
- Abrunhosa, P. A., H. Wogel, and J. P. Pombal. 2006. Anuran temporal occupancy in a temporary pond from the Atlantic Rain Forest, South-Eastern Brazil. *The Herpetological Journal* 16:115-122.
- Acioli, E. C. S., and L. F. Toledo. 2008. Amphibia, Anura, Hylidae, *Hypsiboas beckeri*: Filling gap and description of its advertisement call. *Check List* 4:182-184.
- Acosta, A. R., and J. M. Hoyos. 2006. A new species of salamander (Caudata: Plethodontidae: Bolitoglossa) from the subandean forest western cordillera of Colombia. *Herpetologica* 62:302–308.
- Acosta, A. R., D. A. Cuentas, and L. A. Coloma. 1999. Una nueva especie de *Colostethus* (Anura: Dendrobatidae) de la región del Caribe de Colombia. *Revista de la Academia Colombiana de Ciencias Exactas, Físicas y Naturales* 23:225-230.
- Adler, K. A. 1996. The salamanders of Guerrero, Mexico, with descriptions of five new species of *Pseudoeurycea* (Caudata: Plethodontidae). *Occasional Papers of the Museum of Natural History, University of Kansas* 177:1–28.
- Adum, G. B., C. Ofori-Boateng, W. Oduro, and M.-O. Rödel. 2011. Re-discovery of the Giant West African Squeaker, *Arthroleptis krokosua* Ernst, Agyei & Rödel, 2008 (Amphibia: Anura: Arthroleptidae) in two forests of south-western Ghana with observations on the species variability and habitat preferences. *Zootaxa* 2744:34-38.
- Afonso, L. G., and P. C. Eterovick. 2007. Spatial and temporal distribution of breeding anurans in streams in southeastern Brazil. *Journal of Natural History* 41:949–963.
- Aguilar, C., A. Catenazzi, P. J. Venegas, and K. Siu-Ting. 2012. Morphological variation of *Telmatobius atahualpai* (Anura: Telmatobiidae) with comments on its phylogenetic relationships and synapomorphies for the genus. *Phyllomedusa: Journal of Herpetology* 11:37-49.
- Aguilar, C., A. Catenazzi, P. J. Venegas, and K. Siu-Ting. 2012. Variação morfológica em *Telmatobius atahualpai* (Anura: Telmatobiidae), com comentários sobre suas relações filogenéticas

e sinapomorfias para o gênero. *Phyllomedusa: Journal of Herpetology* 11:37-49.

Ahlm, K. 2015. Prey specialization and diet of frogs in Borneo. Umeå University, Faculty of Science and Technology, Department of Ecology and Environmental Sciences.

Aichinger, M. 1991. Tadpole transport in relation to rainfall, fecundity and body size in five species of poison-dart frogs from Amazonian Peru. *Amphibia-Reptilia* 12:49-55.

Aichinger, M. 1992. Fecundity and breeding sites of an anuran community in a seasonal tropical environment. *Studies on Neotropical Fauna and Environment* 27:9–18.

Albert, J. 2015. "Alytes obstetricans" (On-line), Animal Diversity Web. Accessed September 30, 2016 at http://animaldiversity.org/accounts/Alytes_obstetricans/

Alcala, A. C. 1962. Breeding behavior and early development of frogs of negros, philippine islands. *Copeia* 1962:679.

Alcala, A. C., and W. C. Brown. 1982. Reproductive biology of some species of *Philautus* (Rhacophoridae) and other Philippine anurans. *Kalikasan* 11:203-226.

Alcala, A. C., W. C. Brown, A. C. Diesmos, and others. 1998. Two new species of the genus *Platymantis* (Amphibia: Ranidae) from Luzon Island, Philippines. *Proceedings of the California Academy of Sciences* 50:381-388.

Almeida-Gomes, M., D. Vrcibradic, C. C. Siqueira, M. C. Kiefer, T. Klaion, P. Almeida-Santos, D. Nascimento, C. V Arian, V. N. T. Borges-Junior, R. F. Freitas-Filho, M. van Sluys, and C. F. D. Rocha. 2008. Herpetofauna of an Atlantic rainforest area (Morro São João) in Rio de Janeiro State, Brazil. *Anais da Academia Brasileira de Ciências* 80.

Almeida-Gomes, M., D. Vrcibradic, V. N. T. Borges-Junior, M. Van Sluys, and C. F. D. Rocha. 2007. *Proceratophrys melanopogon* reproduction. *Herpetological Review* 38:191-192.

Almeida-Gomes, M., F. H. Hatano, M. Van Sluys, and C. F. D. Rocha. 2007. Diet and microhabitat use by two Hylodinae species (Anura, Cycloramphidae) living in sympatry and syntopy in a Brazilian Atlantic Rainforest area. *Iheringia, Sér. Zool.* 97:27–30.

Almeida-Gomes, M., M. Almeida-Santos, P. Goyannes-Araújo, V. N. T. Borges-Júnior, D. Vrcibradic, C. C. Siqueira, C. V Arian, A. S. Dias, V. V Souza, R. R. Pinto, M. Van Sluys, and C. F. D. Rocha. 2010. Anurofauna of an Atlantic Rainforest fragment and its surroundings in Northern Rio de Janeiro State, Brazil. *Brazilian Journal of Biology* 70:871–877.

Almeida, S. C., Maffei, F., Rolim, D. C., Ubaid, F. K., and Jim, J. 2008. Amphibia, Anura, Hylidae, *Sphaenorhynchus caramaschii*: Distribution extension in state of São Paulo, Brazil. *Check List* 4:439-441.

- Almendáriz, A. and D. F. Cisneros-Heredia. 2005. Nuevos datos sobre la distribución e historia natural de *Gastrotheca longipes* (Boulenger, 1882) una rana marsupial amazónica poco conocida (Amphibia: Anura: Hylidae). *Politécnica*, 26, 1, *Biología*, 6: 20–27.
- Almendáriz, A., and G. Orcés. 2004. Distribución de algunas especies de la herpetofauna de los pisos: altoandino, temperado y subtropical. *Revista de Información Técnico-Científica*, Quito 25:97-149.
- Almendáriz, A., D. Cisneros-Heredia, K-H. Jungfer, L. A. Coloma, S. Ron. 2004. *Osteocephalus alboguttatus*. In: IUCN 2014.
- Almeria, M. L., O. M. Nuñez, and others. 2013. Diet of seven anuran species (Amphibia: Anura) in Agusan Marsh, Mindanao, Philippines. *ABAH Bioflux* 5:116-126.
- Alonso, R. M., M. Hernández, and Y. C. Martínez. 2009. *Eleutherodactylus atkinsi* (NCN). Diurnal retreats. *Herpetological Review* 40:203.
- Alonso, R., A. Rodríguez Gómez, and A. R. Estrada. 2001. Patrones de actividad acústica y trófica de machos cantores de *Eleutherodactylus eileenae* (Anura: Leptodactylidae). *Revista española de herpetología*:45-52.
- Altig, R. 2009. Notes on the breeding biology of four species of mantellid frogs from Madagascar. *Tropical Zoology* 21:187-194.
- Altig, R., and R. W. McDiarmid. 2015. *Handbook of Larval Amphibians of the United States and Canada*. Cornell University Press.
- Altunışık, A., and N. Özdemir. 2013. Body size and age structure of a highland population of *Hyla orientalis* Bedriaga, 1890, in northern Turkey. *Herpetozoa*:49-55.
- Alvarado-Díaz, J., P. García-Garrido, and I. Suazo-Ortuño. 2002. Food habits of a paedomorphic population of the Mexican salamander, *Ambystoma ordinarius* (Caudata: Ambystomatidae). *The Southwestern Naturalist*, 28:100-102.
- Alves-Silva, R., and H. R. da Silva. 2009. Life in bromeliads: reproductive behaviour and the monophyly of the *Scinax perpusillus* species group (Anura: Hylidae). *Journal of Natural History* 43:205-217.
- Alves, A. C. R., and S. P. de Carvalho e Silva. 2002. Descriptions of the Tadpoles of *Scinax alter* and *Scinax cuspidatus* (Anura: Hylidae). *Journal of Herpetology* 36:133.
- Alves, A. C. R., L. F. Ribeiro, C. F. B. Haddad, and S. F. dos Reis. 2006. Two new species of *Brachycephalus* (Anura: Brachycephalidae) from the Atlantic Forest in Paraná State, Southern Brazil. *Herpetologica* 62:221–233.

- Amat, F., N. Oromí, and D. Sanuy. 2010. Body Size, Population Size, and Age Structure of Adult Palmate Newts (*Lissotriton helveticus*) in Pyrenean Lakes. *Journal of Herpetology* 44:313–319.
- Amiet, J.-L. 2004. *Leptodactylodon ventrimarmoratus*. The IUCN Red List of Threatened Species 2004: e.T54439A11145755.
<http://dx.doi.org/10.2305/IUCN.UK.2004.RLTS.T54439A11145755.en>. Downloaded on 21 June 2017.
- Amiet, J.-L., and J.-L. Perret. 1969. *Annales de la Faculte des Sciences du Cameroun Yaoundé*. Yaoundé, Cameroun.
- AmphibiaWeb. 2015. Information on amphibian biology and conservation. Web application, Berkeley, California. Accessed October 2015.
- AmphibiaWebEcuador. 2012. *Hypsiboas picturatus*. Museo de Zoología, Pontificia Universidad Católica del Ecuador. Available at:
<http://zoologia.puce.edu.ec/vertebrados/anfibios/FichaEspecie.aspx?Id=1323>.
- Anderson, A. S., C. Monasterio, and L. P. Shoo. 2010. Breeding behaviour of the poorly known Australian hyliid frog *Litoria longirostris*. *Herpetofauna* 40:9-12.
- Anderson, M. T., and A. Mathis. 1999. Diets of Two Sympatric Neotropical Salamanders, *Bolitoglossa mexicana* and *B. rufescens*, with Notes on Reproduction for *B. rufescens*. *Journal of Herpetology* 33:601.
- Andreone, F., D. B. Fenolio, and M. E. Walvoord. 2003. Two Unknown Arboreal Frogs (genus *Platypelis*) Described from the Rainforests of Northeastern Madagascar (Microhylidae: Cophylinae). *Current herpetology* 22:91–100.
- Andreone, F., F. Mattioli, and V. Mercurio. 2005. The Call of *Scaphiophryne gottlebei*, a Microhylid Frog from the Isalo Massif, Southcentral Madagascar. *Current Herpetology* 24:33–35.
- Andreone, F., G. Aprea, G. Odierna, and M. Vences. 2006. A new narrow-mouthed frog of the genus *Paradoxophyla* (Microhylidae: Scaphiophryninae) from Masoala rainforest, northeastern Madagascar. *Acta Herpetologica* 1:15-27.
- Andreone, F., M. Vences, F. M. Guarino, F. Glaw, and J. E. Randrianirina. 2002. Natural history and larval morphology of *Boophis occidentalis* (Anura: Mantellidae: Boophinae) provide new insights into the phylogeny and adaptive radiation of endemic Malagasy frogs. *J. Zoology* 257:425–438.
- Angarita-Sierra, T., M. Anganoy-Criollo, J. J. Ospina-Sarria, R. Pedroza-Banda, J. D. Lynch, and others. 2013. *Guía de campo de los Anfibios y Reptiles del departamento de Casanare-Colombia*.
- Angel, F. 1923. Etude complementaire sur *Rana Courtoisi* Angel. *Bulletin du Museum National d'Histoire Naturelle*:289-290.

- Angel, F. 1950. *Arthroleptis cruscum* et *A. nimbaense*. Batraciens nouveaux de Guinée-Française. (Matériaux de la Mission Lamotte aux Monts Nimba). Bulletin du Muséum national d'histoire naturelle, Paris 22:559-562.
- Angle, J. P. 1969. The reproductive cycle of the northern ravine salamander, *Plethodon richmondi richmondi*, in the Valley and Ridge Province of Pennsylvania and Maryland. Journal of the Washington Academy of Science 59:192-202.
- Anmerkungen. 1996. Grundkurs zur Vorbereitung und Durchführung von Besichtigungen. Walter de Gruyter GmbH.
- Anstis, M. 2008. Direct development in the Australian myobatrachid frog *Metacrinia nichollsi* from Western Australia. Records of the Western Australian Museum 24:133-150.
- Anstis, M., J. D. Roberts, and R. Altig. 2007. Direct development in two myobatrachid frogs, *Arenophryne rotunda* Tyler and *Myobatrachus gouldii* Gray, from Western Australia. Records-Western Australian Museum 23:259.
- Ao, J. M., S. Bordoloi, and A. Ohler. 2003. Amphibian fauna of Nagaland with nineteen new records from the state including five new records for India. Zoos Print J. 18:1117–1125.
- Araújo, M. S., D. I. Bolnick, L. A. Martinelli, A. A. Giarretta, and S. F. Dos Reis. 2009. Individual-level diet variation in four species of Brazilian frogs. Journal of Animal Ecology 78:848-856.
- Ardila-Robaya, M. C., P. M. Ruiz-Carranza, and S. H. Roa-Trujillo. 1993. Una nueva especie de *Hyla* del grupo *larinopygion* (Amphibia: Anura: Hylidae) del sur de la Cordillera Central de Colombia. Revista de la Academia Colombiana de Ciencias Exactas, Física y Naturales 18:559-566.
- Ardila-Robayo, M. C., A. Acosta-Galvis, and L. Coloma. 1999. Una nueva especie de *Colostethus* Cope, 1867 (Amphibia: Anura: Dendrobatidae) de la Cordillera Oriental colombiana. Revista de la Academia Colombiana de Ciencias Exactas, Físicas y Naturales 23:239-244.
- Ardila-Robayo, M. C., and P. M. Ruiz-Carranza. 1998. Una nueva especie de *Atelopus* A. M. C. Dumeril & Bibron 1841 (Amphibia: Bufonidae) de la Cordillera Central Colombiana. Revista de la Academia Colombiana de Ciencias Exactas, Físicas y Naturales 22:281-285.
- Armstrong, C. G., and C. E. Conte. 2010. Taxocenose de anuros (Amphibia: Anura) em uma área de Floresta Ombrófila Densa no Sul do Brasil. Biota Neotrop. 10:39–46.
- Arntzen, J. W. 2000. A Growth Curve for the Newt *Triturus cristatus*. Journal of Herpetology 34:227.
- Arntzen, J. W., and M. García-París. 1995. Morphological and allozyme studies of midwife toads (genus *Alytes*), including the description of two new taxa from Spain. Contributions to zoology 65:5-32.

- Ashton, R. E., and P. S. Ashton. 1988. Handbook of reptiles and amphibians of Florida. Windward Publishing.
- Augert, D., and P. Joly. 1993. Plasticity of age at maturity between two neighbouring populations of the common frog (*Rana temporaria* L.). *Can. J. Zool.* 71:26–33.
- Ávila-Pires, T. C. S. de, M. S. Hoogmoed, and W. A. da Rocha. 2010. Notes on the Vertebrates of northern Pará, Brazil: a forgotten part of the Guianan Region, I. Herpetofauna. *Boletim do Museu Paraense Emílio Goeldi*.
- Ávila-Pires, T. C. S., M. S. Hoogmoed, and W. A. da Rocha. 2010. Notas sobre os vertebrados do norte do Pará, Brasil: uma parte esquecida da Região das Guianas, I. Herpetofauna. *Boletim do Museu Paraense Emílio Goeldi Ciências Naturais* 5:13-112.
- Ayarzagüena, J., J. C. Señaris, and S. Gorzula. 1992. Un nuevo género para las especies del “grupo *Osteocephalus rodriguezi*” (Anura: Hylidae). *Memoria. Sociedad de Ciencias Naturales La Salle* 52:213-221.
- Baeta, D., A. C. C. Lourenco, and L. B. Nascimento. 2007. Tadpole and advertisement call of *Physalaemus erythros* Caramaschi, Feio and Guimarães-Neto, 2003 (Amphibia, Anura, Leiuperidae). *Zootaxa* 1623:39-46.
- Bain, R. H., A. M. Y. Lathrop, R. W. Murphy, N. L. Orlov, and H. O. T. H. U. Cuc. 2003. Cryptic Species of a Cascade Frog from Southeast Asia: Taxonomic Revisions and Descriptions of Six New Species. *American Museum Novitates* 3417:1–60.
- Bain, R. H., and N. Q. Truong. 2004. Three New Species of Narrow-Mouth Frogs (Genus: *Microhyla*) from Indochina, with Comments on *Microhyla annamensis* and *Microhyla palmipes*. *Copeia* 2004:507–524.
- Bain, R. H., B. L. Stuart, and N. L. Orlov. 2006. Three New Indochinese Species of Cascade Frogs (Amphibia: Ranidae) Allied to *Rana archotaphus*. *Copeia* 2006:43–59.
- Bain, R. H., B. L. Stuart, T. Q. Nguyen, J. Che, and D.-Q. Rao. 2009. A New *Odorrana* (Amphibia: Ranidae) from Vietnam and China. *Copeia* 2009:348–362.
- Bain, R. H., T. Q. Nguyen, and K. V Doan. 2009. First record of *Leptobrachium promustache* from Vietnam. *Herpetology Notes* 2:27-29.
- Baldo, D., and N. G. Basso. 2004. A New Species of *Melanophryniscus* Gallardo, 1961 (Anura: Bufonidae), with Comments on the Species of the Genus Reported for Misiones, Northeastern Argentina. *Journal of Herpetology* 38:393–403.
- Balletto, E., M. A. Cherchi, and B. Lanza. 1978. On some amphibians collected by the late Prof. Giuseppe Scortecci in Somalia. *Monitore Zoologico Italiano. Supplemento* 11:221-243.

- Banerjee, A. 2014. Jelly secretion by a foam-nesting tree frog *Chiromantis simus* (Anura: Rhacophoridae): an unreported behaviour. *Alytes* 31:77-82.
- Baraquet, M., P. R. Grenat, N. E. Salas, and A. L. Martino. 2012. Variación morfométrica y geográfica entre poblaciones de *Hypsiboas cordobae* (Anura: Hylidae) en Argentina. *Cuadernos de Investigación UNED* 4:147-155.
- Barbault, R. 1974. La régime alimentaire des amphibiens de la savane de Lamto. *Bull Inst Fran Afr Noire Sér A Sci Nat* 36:952-972.
- Barbault, R. 1984. Stratégies de reproduction et démographie de quelques amphibiens anoures tropicaux. *Oikos* 43:77-87.
- Barbault, R., and M. T. Rodrigues. 1979. Observations sur la reproduction et la dynamique des populations de quelques anoures tropicaux. III. *Arthroleptis poecilonotus*. *Tropical ecology* 20:64-77.
- Barbosa, A. S., de Oliveira, M., Leal, A. L., Von Mühlen, C., Spindler, C. S., & Solé, M. 2014. Diet of *Hypsiboas leptolineatus* (Braun and Braun, 1977) (Amphibia: Anura: Hylidae) during the breeding season. *Herpetology Notes* 7: 505-508.
- Barbour, T. 1917. Occasional Papers of the Museum of Zoology, University of Michigan. *Science* 46:643.
- Barbour, T., and A. Loveridge. 1928. A Comparative Study of the Herpetological Faunae of the Uluguru and Usambara Mountains, Tanganyika Territory: With Descriptions of New Species. Museum of Comparative Zoology at Havard College, Cambridge, MA.
- Barej, M. F., M.-O. Roedel, N. L. Gonwouo, O. S. G. Pauwels, W. Boehme, and A. Schmitz. 2010. Review of the genus *Petropedetes* Reichenow, 1874 in Central Africa with the description of three new species (Amphibia: Anura: Petropedetidae). *Zootaxa* 2340:1-49.
- Barrio Amorós, C. L. 2009. Distribución y aspectos de la historia natural de las ranas lémur (Hylidae: Phyllomedusinae) en Venezuela. *Memoria de la Fundación La Salle de Ciencias Naturales* 171:19-46.
- Barrio-Amorós, C. L. 2010. A New *Ceuthomantis* (Anura: Terrarana: Ceuthomantidae) from Sarisariñama Tepui, Southern Venezuela. *Herpetologica* 66:172–181.
- Barrio-Amorós, C. L., A. D. de Pascual, J. J. Mueses-Cisneros, E. Infante, and A. Chacon. 2006. *Hyla vigilans* Solano, 1971, a second species for the genus *Scarthyla*, redescription and distribution in Venezuela and Colombia. *Zootaxa* 1349:1-18.
- Barrio-Amorós, C. L., and C. Brewer-Carias. 2008. Herpetological results of the 2002 expedition to Sarisariñama, a tepui in Venezuelan Guayana, with the description of five new species. *Zootaxa*:1-

- Barrio-Amorós, C. L., and C. R. Molina. 2006. A new *Eleutherodactylus* (Anura, Brachycephalidae) from the Venezuelan Guayana, and redescription of *Eleutherodactylus vilarsi* (Melin). *Zootaxa* 1302:1-20.
- Barrio-Amorós, C. L., and J. C. Santos. 2009. Description of a new *Allobates* (Anura, Dendrobatidae) from the eastern Andean piedmont, Venezuela. *Phyllomedusa: Journal of Herpetology* 8:89-104.
- Barrio-Amorós, C. L., and J. C. Santos. 2011. Redescription and generic assignation of *Dendrobates rufulus* Gorzula, 1990 (Anura: Dendrobatidae) from the Chimanta Massif, Venezuela. *Salamandra* 47:155-160.
- Barrio-Amorós, C. L., and J. C. Santos. 2012. A phylogeny for *Aromobates* (Anura: Dendrobatidae) with description of three new species from the Andes of Venezuela, taxonomic comments on *Aromobates saltuensis*, *A. inflexus*, and notes on the conservation status of the genus. *Zootaxa* 3422:1-31.
- Barrio-Amorós, C. L., and O. Fuentes. 2003. A new species of *Stefania* (Anura: Hylidae: Hemiphractinae) from the summit of Cerro Autana, Estado Amazonas, Venezuela. *Herpetologica* 59:504–512.
- Barrio-Amorós, C. L., F. J. M. Rojas-Runjaic, and E. E. Infante-Rivero. 2008. Tres nuevos *Pristimantis* (Anura: Strabomantidae) de la sierra de Perijá, estado Zulia, Venezuela. *Revista Española de Herpetología* 21:71–94.
- Barrio-Amorós, C. L., G. Rivas, and H. Kaiser. 2006. New Species of *Colostethus* (Anura, Dendrobatidae) from the Península de Paria, Venezuela. *Journal of Herpetology* 40:371–377.
- Barrio-Amorós, C. L., Grünwald, C. I., Franz-Chavez, H., Mendoza, A. M., and La Forest, B. T. 2016. Notes on natural history and call description of the Critically Endangered *Plectrohyla avia* (Anura: Hylidae) from Chiapas, Mexico. *Amphibian & Reptile Conservation* 10:11-17.
- Barrio-Amorós, C. L., J. C. Santos, and C. R. Molina. 2010. Adição à diversidade de dendrobatídeos da Venezuela: descrição de três novas espécies de *Mannophryne* (Anura: Dendrobatidae). *Phyllomedusa: Journal of Herpetology* 9:3.
- Barrio-Amorós, C. L., J. C. Santos, and O. Jovanovic. 2010. A new dendrobatid frog (Anura: Dendrobatidae: *Anomaloglossus*) from the Orinoquian rainforest, southern Venezuela. *Zootaxa* 2413:37-50.
- Barrio-Amorós, C. L., J. C. Señaris, R. D. Macculloch, A. Lathrop, J. M. Guayasamin, and W. E. Duellman. 2011. Distribution, vocalization and taxonomic status of *Hypsiboas roraima* and *H.*

- angelicus (Amphibia: Anura: Hylidae). *Papéis Avulsos de Zoologia* (São Paulo) 51:21-28.
- Barrio-Amorós, C. L., R. Rivero, and J. C. Santos. 2011. A new striking dendrobatid frog (Dendrobatidae: Aromobatinae, Aromobates) from the Venezuelan Andes. *Zootaxa* 3063:39-52.
- Barrio, A. 1954. Sistemática, morfología y reproducción de *Physalaemus henselii* (Peters) y *Pseudopaludicola falcipes* (Hensel). *Physis*. Buenos Aires 20:379-389.
- Barrionuevo, J. S., and L. M. Ponssa. 2008. Decline of three species of the genus *Telmatobius* (anura: Leptodactylidae) from Tucumán Province, Argentina. *Herpetologica* 64:47–62.
- Barros, A. B., and others. 2011. Herpetofauna do Parque Nacional da Serra da Canastra, Minas Gerais, Brasil. Universidade Federal de Viçosa.
- Barros, A. B., D. J. Rodrigues, J. C. Noronha, and E. J. Almeida. 2012. New record and distribution extension of *Leptodactylus paraensis* Heyer, 2005 (Anura, Leptodactylidae) in state of Mato Grosso, Brazil. *Herpetology Notes* 5:323-324.
- Bartelt, P. E. 1998. Natural history notes: *Bufo boreas*. Mortality. *Herpetological Review* 29:96.
- Bartlett, R. D., and P. P. Bartlett. 1999. A field guide to Florida reptiles and amphibians. Gulf Publishing Company.
- Bartlett, R. D., and P. P. Bartlett. 2003. Reptiles and amphibians of the Amazon: An ecotourist's guide. University Press of Florida.
- Başkale, E., Sayım, F., Yıldırım, Ş., Atatür, M. K., and Kaya, U. 2011. Reproductive ecology and body size-fecundity relationships of the Green Toad, *Pseudepidalea viridis* (Laurenti, 1768), in the Kocaçay Stream, Izmir, Turkey: (Amphibia: Anura). *Zoology in the Middle East* 52:39-46.
- Basso, N. G. 1994. Una nueva especie de *Batrachyla* (Anura: leptodactylidae: telmatobiinae) de Argentina. *Cuadernos de Herpetología* 8:51-56.
- Basso, N. G. 1998. A new telmatobiine leptodactylid frog of the genus *Atelognathus* from Patagonia. *Herpetologica* 54:44-52.
- Basso, N. G., C. A. Ubeda, M. M. Bunge, and L. B. Martinazzo. 2011. A new genus of neobatrachian frog from southern Patagonian forests, Argentina and Chile. *Zootaxa* 3002:31-44.
- Bastos, R. P., and J. P. Pombal. 1996. A new species of *Hyla* (Anura: Hylidae) from eastern Brazil. *Amphibia-Reptilia* 17:325–331.
- Bastos, R. P., J. A. de O. Motta, L. P. Lima, and L. D. Guimarães. 2003. Anfíbios da floresta nacional de Silvânia, Estado de Goiás. Stylo gráfica e editora, Goiânia.
- Bell, B. D. 1978. Observations on the ecology and reproduction of the New Zealand Leiopelmid frogs. *Herpetologica*:340-354.

- Bell, B. D. 1994. A review of the status of New Zealand *Leiopelma* species (Anura: Leiopelmatidae), including a summary of demographic studies in Coromandel and on Maud Island. *New Zealand Journal of Zoology* 21:341–349.
- Bell, B. D. 1997. Demographic profiles of terrestrial *Leiopelma* (Anura: Leiopelmatidae) on Maud Island and in Coromandel: growth, home-range, longevity, population trends, survivorship, and translocation. *New Zealand Journal of Zoology* 24:323–324.
- Bell, B. D., C. H. Daugherty, and J. M. Hay. 1998. *Leiopelma pakeka*, n. sp. (Anura: Leiopelmatidae), a cryptic species of frog from Maud Island, New Zealand, and a reassessment of the conservation status of *L. hamiltoni* from Stephens Island. *Journal of the Royal Society of New Zealand* 28:39–54.
- Bellakhal, M., A. Neveu, M. F. Bellakhal, and H. Missaoui. 2012. Aquaculture of First Larval Stages of the North African Green Water Frog. *PARIPEX* 3:44–47.
- Benavides, E., J. C. Ortiz, and J. R. Formas. 2002. A new species of *Telmatobius* (Anura: Leptodactylidae) from Northern Chile. *Herpetologica* 58:210–220.
- Bernarde, P. S. 2007. Ambientes e temporada de vocalização da anurofauna no Município de Espigão do Oeste, Rondônia, Sudoeste da Amazônia-Brasil (Amphibia: Anura). *Biota Neotropica* 7:87–92.
- Bernarde, P. S., and R. A. Machado. 2001. Riquezas de espécies, ambientes de reprodução e temporada da vocalização anurofauna em três barras do Paraná, Brasil (Amphibia: anura). *Cuadernos de herpetologia* 14.
- Berry, P. Y. 1966. The food and feeding habits of the Torrent frog, *Amolops larutensis*. *Journal of Zoology* 149:204–214.
- Berry, P. Y., and G. Varughese. 1968. Reproductive variation in the Torrent frog *Amolops larutensis* (Boulenger). *Journal of the Linnean Society of London, Zoology* 47:547–559.
- Bertoluci, J., and M. T. Rodrigues. 2002. Seasonal patterns of breeding activity of Atlantic Rainforest anurans at Boracéia, Southeastern Brazil. *Amphibia-Reptilia* 23:161–168.
- Berven, K. A. 1982. The Genetic Basis of Altitudinal Variation in the Wood Frog *Rana sylvatica*. I. An Experimental Analysis of Life History Traits. *Evolution* 36:962–983.
- Bevier, C. R. 1997. Breeding activity and chorus tenure of two neotropical hyliid frogs. *Herpetologica* 53:297–311.
- Bhatta, G. 1998. A field guide to the caecilians of the Western Ghats, India. *J Biosci* 23:73–85.
- Bhatta, G. 1999. Some aspects of general activity, foraging and breeding in *Ichthyophis beddomei*

(Peters) and *Ichthyophis malabarensis* (Taylor) (Apoda: Ichthyophiidae) in captivity. *Zoos Print J.* 14:23-26.

Biavati, G. M., H. C. Wiederhecker, and G. R. Colli. 2004. Diet of *Epipedobates flavopictus* (Anura: Dendrobatidae) in a Neotropical savanna. *Journal of Herpetology* 38:510-518.

Bickford, D. P. 2004. Differential parental care behaviors of arboreal and terrestrial microhylid frogs from Papua New Guinea. *Behavioral Ecology and Sociobiology* 55:402–409.

Biju, S. D., I. Van Bocxlaer, V. B. Giri, S. P. Loader, and F. Bossuyt. 2009. Two new endemic genera and a new species of toad (Anura: Bufonidae) from the Western Ghats of India. *BMC Research Notes* 2:241.

Biju, S. D., S. Garg, S. Mahony, N. Wijayathilaka, G. Senevirathne, and M. Meegaskumbura. 2014. DNA barcoding, phylogeny and systematics of Golden-backed frogs (*Hylarana*, Ranidae) of the Western Ghats-Sri Lanka biodiversity hotspot, with the description of seven new species.

Biswas, S. 2000. Notes on the breeding habits of *Chirixalus dudhwaensis* Ray 1992, from Uttar Pradesh, north India. *Hamadryad* 25:200-203.

Blackburn, D. 2008. Biogeography and evolution of body size and life history of African frogs: Phylogeny of squeakers (*Arthroleptis*) and long-fingered frogs (*Cardioglossa*) estimated from mitochondrial data. *Molecular Phylogenetics and Evolution* 49:806–826.

Blackburn, D. C. 2005. *Cardioglossa liberiensis* Barbour & Loveridge 1927 is a junior synonym of *Phrynobatrachus fraterculus* (Chabanaud 1921). *African Journal of Herpetology* 54:171–179.

Blackburn, D. C. 2008. A new species of *Cardioglossa* (Amphibia: Anura: Arthroleptidae) endemic to Mount Manengouba in the Republic of Cameroon, with an analysis of morphological diversity in the genus. *Zoological Journal of the Linnean Society* 154:611–630.

Blackburn, D. C. 2009. Description and phylogenetic relationships of two new species of miniature *Arthroleptis* (Anura: Arthroleptidae) from the eastern Arc Mountains of Tanzania. *Breviora* 517:1-17.

Blackburn, D. C. 2010a. A new puddle frog (Phrynobatrachidae: *Phrynobatrachus*) from the Mambilla Plateau in eastern Nigeria. *African Journal of Herpetology* 59:33–52.

Blackburn, D. C. 2010b. A New Squeaker Frog (Arthroleptidae: *Arthroleptis*) from Bioko Island, Equatorial Guinea. *Herpetologica* 66:320–334.

Blackburn, D. C., and S. Scali. 2014. An Annotated Catalog of the Type Specimens of Amphibia in the Collection of the Museo Civico Di Storia Naturale, Milan, Italy. *Herpetological Monographs* 28:24–45.

- Blackburn, D. C., J. Kosuch, A. Schmitz, M. Burger, P. Wagner, L. N. Gonwouo, A. Hillers, and M.-O. Rödel. 2008. A New Species of *Cardioglossa* (Anura: Arthroleptidae) from the Upper Guinean Forests of West Africa. *Copeia* 2008:603–612.
- Blackburn, D. C., L. N. Gonwouo, R. Ernst, and M.-O. Rödel. 2009. A New Squeaker Frog (Arthroleptidae: Arthroleptis) From the Cameroon Volcanic Line With Redescriptions Of *Arthroleptis adolfifriederici* Nieden, 1911 “1910” and *A. variabilis* Matschie, 1893. *Breviora* 515:1–22.
- Blackburn, D. C., V. Gvoždík, and A. D. Leaché. 2010. A New Squeaker Frog (Arthroleptidae: Arthroleptis) from the Mountains of Cameroon and Nigeria. *Herpetologica* 66:335–348.
- Blair, W. F. 1953. Growth, dispersal and age at sexual maturity of the Mexican toad (*Bufo valliceps* Wiegmann). *Copeia* 1953:208–212.
- Blommers-Schlösser, R. M. A. 1975. Observations on the larval development of some Malagasy frogs, with notes on their ecology and biology (Anura: Dyscophinae, Scaphiophryninae and Cophylinae). *Beaufortia* 24:7-26.
- Blommers-Schlösser, R. M. A. 1982. Observations on the Malagasy frog genus *Heterixalus* Laurent, 1944 (Hyperoliidae). *Beaufortia* 32:1-11.
- Boehme, W., and D. Roedder. 2011. Rediscovered after ninety years: the Ethiopian high altitude dwarf species *Ptychadena nana* (Amphibia: Ptychadenidae). *North-Western Journal of Zoology* 7:322-324.
- Bohme, W., T. Schottler, T. Q. Nguyen, and J. Kohler. 2005. A new species of salamander, genus *Tylototriton* (Urodela: Salamandridae), from northern Vietnam. *Salamandra* 41:215.
- Bokermann, W. C. A. 1963. Girinos de Anfíbios Brasileiros-I (Amphibia-Salientia). *Anais da Academia Brasileira de Ciências* 35:465-474.
- Bokermann, W. C. A. 1965. *Hyla langei*, a new frog from Paraná, southern Brasil. *Journal of the Ohio Herpetological Society* 5:49-51.
- Bokermann, W. C. A. 1967. Observações sobre *Melanophryniscus moreirae* (Mir. Rib.)(Amphibia-Brachycephalidae). *Anais da Academia Brasileira de Ciências* 39:301-306.
- Bokermann, W. C. A. 1968. Three new *Hyla* from the plateau of Maracás, central Bahia, Brazil. *Journal of Herpetology* 1:25-31.
- Bolanos F. and Wake D.B. 2009. Two new species of montane web-footed salamanders (Plethodontidae: Bolitoglossa) from the Costa Rica-Panama border region. *Zootaxa* 16:57-68.
- Bolaños, F. 1990. Actividad de canto y territorialidad en *Dendrobates granuliferus* Taylor 1958.

Universidad de Costa Rica.

Boquimpani-Freitas, L., C. F. D. Rocha, and M. Van Sluys. 2002. Ecology of the horned leaf-frog, *Proceratophrys appendiculata* (Leptodactylidae), in an insular Atlantic rain-forest area of southeastern Brazil. *Journal of Herpetology* 36:318-322.

Borah, M. M., S. Bordoloi, J. Purkayastha, M. Das, A. Dubois, and A. Ohler. 2013. *Limnonectes* (Taylorana) *medogensis* (FEI, YE & HUANG, 1997) from Arunachal Pradesh (India), and on the identity of some diminutive ranoid frogs. *Herpetozoa* 26:39-48.

Borges, F. J. A., and R. de Freitas Juliano. 2007. Temporal and spatial distribution in an anuran community in municipality of Morrinhos, Goiás, Brazil (Amphibia: Anura). *Neotropical Biology and Conservation* 2:21-27.

Born, M., F. Bongers, E. H. Poelman, and F. J. Sterck. 2010. Dry-season retreat and dietary shift of the dart-poison frog *Dendrobates tinctorius* (Anura: Dendrobatidae). *Phyllomedusa: Journal of Herpetology* 9:37-52.

Boulenger, G. A. 1882. Catalogue of the Batrachia Salientia s. Ecaudata in the collection of the British museum. Smithsonian Institution.

Boulenger, G. A. 1887. On new Batrachians from Malacca. *Journal of Natural History* 19:345-348.

Boulenger, G. A. 1899. Descriptions of new Reptiles and Batrachians collected by Mr. PO Simons in the Andes of Ecuador. *Annals and Magazine of Natural History* 4:454-457.

Boulenger, G. A. 1900. Descriptions of new Reptiles and Batrachians from Borneo. *Proceedings of the Zoological Society of London* 69:182-187.

Boulenger, G. A. 1904. Descriptions of two new genera of frogs of the family Ranidae from Cameroon. *Journal of Natural History Series 7* 13:261-262.

Boulenger, G. A. 1905. Descriptions of new West-African Frogs of the Genera *Petropedetes* and *Bulua*. *Journal of Natural History Series 7* 15:281-283.

Boulenger, G. A. 1906a. Report on the batrachians collected by the late L. Fea in West Africa. *Annali del Museo Civico di Storia Naturale di Genova* 3:157-172.

Boulenger, G. A. 1906b. Descriptions of new Batrachians discovered by Mr. G. L. Bates in South Cameroon. *Annals and Magazine of Natural History* 17:317-323.

Boulenger, G. A. 1912. Descriptions of new African Batrachians preserved in the British Museum. *Journal of Natural History Series 8* 8:140-142.

Bourne, G. R. 1997. Reproductive Behavior of Terrestrial Breeding Frogs *Eleutherodactylus johnstonei* in Guyana. *Journal of Herpetology* 31:221.

- Bourne, G. R., A. C. Collins, A. M. Holder, and C. L. McCarthy. 2001. Vocal communication and reproductive behavior of the frog *Colostethus beebei* in Guyana. *Journal of Herpetology* 35:272-281.
- Bowker, R. G., and M. H. Bowker. 1979. Abundance and Distribution of Anurans in a Kenyan Pond. *Copeia* 1979:278.
- Brame, A. H., and D. B. Wake. 1962. A New Plethodontid Salamander (Genus *Bolitoglossa*) from Venezuela with Redescription of the Ecuadorian *B. palmata* (Werner). *Copeia* 1962:170.
- Brandão, R. A., A. Garda, V. Braz, and B. Fonseca. 2003. Observations on the ecology of *Pseudis bolbodactyla* (Anura, Pseudidae) in central Brazil. *Phyllomedusa: Journal of Herpetology* 2:3.
- Brandao, R. A., G. F. R. Álvares, and R. O. De Sa. 2013. The advertisement call of the poorly known *Leptodactylus tapiti* (Anura, Leptodactylidae). *Zootaxa* 3616:284-286.
- Brasileiro, C. A., C. F. B. Haddad, R. J. Sawaya, and I. Sazima. 2007. A new and threatened island-dwelling species of *Cycloramphus* (Anura: Cycloramphidae) from Southeastern Brazil. *Herpetologica* 63:501–510.
- Braun, P. C., and C. A. S. Braun. 1979. Nova espécie de *Melanophryniscus* Gallardo, 1961 do Estado do Rio Grande do Sul, Brasil (Anura, Bufonidae). *Iheringia, Zool* 54:7-16.
- Brennan, L. 2005. "*Dendrobates leucomelas*" (On-line), Animal Diversity Web. Accessed June 01, 2017 at http://animaldiversity.org/accounts/Dendrobates_leucomelas/
- Briggler, J. T., and W.L. Puckette. 2003. Observations on reproductive biology and brooding behavior of the Ozark zigzag salamander, *Plethodon angusticlavius*. *The Southwestern Naturalist* 48:96-100.
- Briggs, J. L., and R. M. Storm. 1970. Growth and population structure of the cascade frog, *Rana cascadae* Slater. *Herpetologica* 26:283-300.
- Briggs, V. S. 2008. Mating Patterns of Red-Eyed Treefrogs, *Agalychnis callidryas* and *A. moreletii*. *Ethology* 114:489-498.
- Brito, L., F. Aguiar, and P. Cascon. 2012. Diet Composition and Activity Patterns of *Odontophrynus carvalhoi* Savage and Cei, 1965 (Anura, Cycloramphidae) from a Humid Tropical Rainforest in Northeastern Brazil. *South American Journal of Herpetology* 7:55–61.
- Brito, L., F. Telles, I. Roberto, S. Ribeiro, and P. Cascon. 2012. Different foraging strategies within congeners? The diet of *Proceratophrys cristiceps* (Müller, 1883) from a dry forest in northeast Brazil. *Herpetology Notes* 5:85-89.
- Brongersma, L. D. 1948. Frogs and snakes from the island of Morotai (Moluccas). *Zoologische*

Mededelingen 29:306-310.

Brooks Jr, G. R. 1982. An analysis of prey consumed by the anuran, *Leptodactylus fallax*, from Dominica, West Indies. *Biotropica* 301-309.

Brown, J. 2011. *Ranitomeya uakarii*. The IUCN Red List of Threatened Species Available at <http://dx.doi.org/10.2305/IUCN.UK.2014-1.RLTS.T136043A43730673.en>.

Brown, J. L., and E. Twomey. 2009. Complicated histories: three new species of poison frogs of the genus *Ameerega* (Anura: Dendrobatidae) from north-central Peru. *Zootaxa* 2049:1-38.

Brown, J. L., E. Twomey, A. Amezcuita, M. B. Souza, J. P. Caldwell, S. Loetters, R. May, P. R. Melo-Sampaio, D. Mejia-Vargas, P. Pérez-Peña, and others. 2011. A taxonomic revision of the Neotropical poison frog genus *Ranitomeya* (Amphibia: Dendrobatidae). *Zootaxa* 3083:1-120.

Brown, J. L., E. Twomey, M. Pepper, and M. S. Rodriguez. 2008. Revision of the *Ranitomeya fantastica* species complex with description of two new species from Central Peru (Anura: Dendrobatidae). *Zootaxa* 1823:1-24.

Brown, J. L., R. Schulte, and K. Summers. 2006. A new species of *Dendrobates* (Anura: Dendrobatidae) from the Amazonian lowlands in Peru. *Zootaxa* 1152:45-58.

Brown, J. L., V. Morales, and K. Summers. 2008. Divergence in parental care, habitat selection and larval life history between two species of Peruvian poison frogs: an experimental analysis. *Journal of Evolutionary Biology* 21:1534–1543.

Brown, J. L., V. Morales, and K. Summers. 2008. Tactical reproductive parasitism via larval cannibalism in Peruvian poison frogs. *Biology Letters* 5:148–151.

Brown, R. M., and D. T. Iskandar. 2000. Nest Site Selection, Larval Hatching, and Advertisement Calls, of *Rana arathooni* from Southwestern Sulawesi (Celebes) Island, Indonesia. *Journal of Herpetology* 34:404.

Brown, R. M., and J. C. Gonzalez. 2007. A New Forest Frog of the Genus *Platymantis* (Amphibia: Anura: Ranidae) from the Bicol Peninsula of Luzon Island, Philippines. *Copeia* 2007:251-266.

Brown, R. M., and S. J. Richards. 2008. Two new frogs of the genus *Platymantis* (Anura: Ceratobatrachidae) from the Isabel Island group, Solomon Islands. *Zootaxa* 1888:47-68.

Brown, R. M., C. D. Siler, A. C. Diesmos, and A. C. Alcala. 2009. Philippine Frogs of the Genus *Leptobrachium* (Anura: Megophryidae): Phylogeny-based Species Delimitation, Taxonomic Review, and Descriptions of Three New Species. *Herpetological Monographs* 23:1–44.

Brown, R. M., C. H. Oliveros, C. D. Siler, J. B. Fernandez, L. J. Welton, P. A. C. Buenavente, M. L. L. Diesmos, and A. C. Diesmos. 2012. *Amphibians and Reptiles of Luzon Island (Philippines)*, VII:

Herpetofauna of Ilocos Norte Province, Northern Cordillera Mountain Range. Check List 8:469-490.

Brown, W. C., A. C. Alcala, and A. C. Diesmos. 1997. A new species of the genus *Platymantis* (Amphibia: Ranidae) from Luzon Island, Philippines. *Proceedings-Biological Society of Washington* 110:18-23.

Brown, W. C., A. C. Alcala, and R. M. Brown. 1998. Taxonomic Status of *Cornufer worcesteri* Stejneger. *Journal of Herpetology* 32:131.

Brown, W. C., and A. C. Alcala. 1969. A new frog of the genus *Discodeles* (Ranidae) from Guadalcanal Island. *Breviora* 338:1-9.

Brown, W. C., and F. Parker. 1970. New frogs of the genus *Batrachylodes* (Ranidae) from the Solomon Islands. *Breviora* 346:1-31.

Browne, R. K., Li, H., Wang, Z., Okada, S., Hime, P., McMillan, A., ... and Briggler, J. T. 2013. The giant salamanders (Cryptobranchidae): Part B. Biogeography, ecology and reproduction. *Amphibian and Reptile Conservation* 5:30-50.

Bruce, R. C. 2010. Proximate Contributions to Adult Body Size in Two Species of Dusky Salamanders (Plethodontidae: *Desmognathus*). *Herpetologica* 66:393–402.

Bruce, R. C., J. Castanet, and H. Francillon-Vieillot. 2002. Skeletochronological analysis of variation in age structure, body size, and life history in three species of *Desmognathine* salamanders. *Herpetologica* 58:181–193.

Bruce, R.C., Jaeger, R.G. and L.D. Houck. 2000. *The Biology of Plethodontid Salamanders*. Kluwer Academic Publishers, New York.

Brunetti, A. E., C. Taboada, and J. Faivovich. 2014. The reproductive biology of *Hypsiboas punctatus* (Anura: Hylidae): male territoriality and the possible role of different signals during female choice. *Salamandra* 50:215-224.

Brusquetti, F., M. Jansen, C. Barrio-Amorós, M. Segalla, and C. F. B. Haddad. 2014. Taxonomic review of *Scinax fuscomarginatus* (Lutz, 1925) and related species (Anura: Hylidae). *Zool J Linn Soc* 171:783–821.

Bruyn, L. De, M. Kazadi, and J. Hulselmans. 1996. Diet of *Xenopus fraseri* (Anura, Pipidae). *Journal of Herpetology* 30:82.

Bumzahem, C. B., and H. M. Smith. 1955. Additional notes and descriptions of plethodontid salamanders from Mexico. *Herpetologica*:73-75.

Burger, J., W. Arizabal, and M. Gochfeld. 2002. Nesting Behavior of a Gladiator Frog *Hyla boans* in

Peru. *Journal of Herpetology* 36:640.

Burrowes, P. A. 2000. Parental care and sexual selection in the Puerto Rican cave-dwelling frog, *Eleutherodactylus cooki*. *Herpetologica* 56:375-386.

Bury, R. B. 1970. Food Similarities in the Tailed Frog, *Ascaphus truei*, and the Olympic Salamander, *Rhyacotriton olympicus*. *Copeia* 1970:170.

Bury, R. B., P. Loafman, D. Rofkar, and K. I. Mike. 2001. Clutch sizes and nests of tailed frogs from the Olympic Peninsula, Washington. *Northwest Science* 75:419-422.

Byrne, P. G. 2008. Strategic Male Calling Behavior in an Australian Terrestrial Toadlet (*Pseudophryne Bibronii*). *Copeia* 2008:57–63.

Byrne, P. G., and J. D. Roberts. 1999. Simultaneous mating with multiple males reduces fertilization success in the myobatrachid frog *Crinia georgiana*. *Proceedings of the Royal Society B: Biological Sciences* 266:717–721.

Byrne, P. G., J. D. Roberts, and L. W. Simmons. 2002. Sperm competition selects for increased testes mass in Australian frogs. *Journal of Evolutionary Biology* 15:347–355.

Cadeddu, G., C. Giacoma, and S. Castellano. 2011. Sexual size dimorphism in the Tyrrhenian tree frog: a life-history perspective. *J Zool* 286:285–292.

Cadle, J. E. 1995. A new species of *Boophis* (Anura: Rhacophoridae) with unusual skin glands from Madagascar, and a discussion of variation and sexual dimorphism in *Boophis albilabris* (Boulenger). *Zoological Journal of the Linnean Society* 115:313–345.

Caetano, M. H., and R. L. Jr. 1999. Comparative Phenology and Demography of *Triturus boscai* from Portugal. *Journal of Herpetology* 33:192.

Cajade, R., E. F. Schaefer, M. I. Duré, A. I. Kehr, and F. Marangoni. 2010. Reproductive biology of *Argenteohyla siemersi pedersenii* Williams and Bosso, 1994 (Anura: Hylidae) in northeastern Argentina. *Journal of Natural History* 44:1953–1978.

Caldart, V. M., S. Iop, T. G. dos Santos, and S. Z. Cechin. 2010. Extension of the geographical distribution of two anuran species for Rio Grande do Sul State, Brazil, with comments on natural history. *Biota Neotrop.* 10:143–147.

Caldwell, J. P. 1996. The evolution of myrmecophagy and its correlates in poison frogs (Family Dendrobatidae). *Journal of Zoology* 240:75–101.

Caldwell, J. P. 2005. A new Amazonian species of *Cryptophyllobates* (Anura: Dendrobatidae). *Herpetologica* 61:449-461.

Caldwell, J. P., and A. P. Lima. 2003. A new amazonian species of *Colostethus* (Anura:

Dendrobatidae) with a Nidicolous tadpole. *Herpetologica* 59:219–234.

Caldwell, J. P., and C. W. Myers. 1990. A new poison frog from Amazonian Brazil: with further revision of the quinquevittatus group of *Dendrobates*. *American Museum novitates* 2988:1-21.

Caldwell, J. P., and K. D. Summers. 2003a. Venezuelan skunk frog, *Aromobates nocturnus*. Grzimek's Animal Life Encyclopedia. Reference Reviews 6.

Caldwell, J. P., and V. R. L. de Oliveira. 1999. Determinants of biparental care in the spotted poison frog, *Dendrobates vanzolinii* (Anura: Dendrobatidae). *Copeia*:565-575.

Caldwell, J., and K. D. Summers. 2003b. Brazilian poison frog, *Dendrobates vanzolinii*. in M. Hutchins, W. E. Duellman, and N. Schlager, editors. Grzimek's Animal Life Encyclopedia. Amphibians. Second edition. Gale Group, Farmington Hills.

Camargo, A., D. E. Naya, A. Canavero, I. da Rosa, R. Maneyro, and D. A. Naya. 2005. Seasonal activity and the body size fecundity relationship in a population of *Physalaemus gracilis* (Boulenger, 1883)(Anura, Leptodactylidae) from Uruguay. Pages 513-521 *Annales Zoologici Fennici*.

Camp, C. D., J. L. Marshall, and J. Richard M Austin. 2000. The evolution of adult body size in black-bellied salamanders (*Desmognathus quadramaculatus* complex). *Can. J. Zool.* 78:1712–1722.

Camp, C. D., W. E. Peterman, J. R. Milanovich, T. Lamb, J. C. Maerz, and D. B. Wake. 2009. A new genus and species of lungless salamander (family Plethodontidae) from the Appalachian highlands of the south-eastern United States. *Journal of Zoology* 279:86–94.

Campbell, A. 2005. A new species of *Hyla* (Anura: Hylidae) from Cerro Las Flores, Oaxaca, Mexico. *Zootaxa* 1046:17-27.

Campbell, J. A. 1999. *Amphibians and Reptiles of northern Guatemala, the Yucatan, and Belize*. University of Oklahoma Press.

Campbell, J. A., and E. N. Smith. 1992. A new frog of the genus *Ptychohyla* (Hylidae) from the Sierra de Santa Cruz, Guatemala, and description of a new genus of Middle American stream-breeding treefrogs. *Herpetologica*:153-167.

Campbell, J. A., and E. N. Smith. 1998. New species of *Nototriton* (Caudata: Plethodontidae) from eastern Guatemala. *Scientific Papers. Natural History Museum, University of Kansas* 6: 1–8.

Campbell, J. A., E. N. Smith, J. W. Streicher, M. E. Acevedo, and E. D. Brodie, Jr. 2010. New salamanders (Caudata: Plethodontidae) from Guatemala, with miscellaneous notes on known species. *Miscellaneous Publications. Museum of Zoology, University of Michigan* 200: iv + 60.

Campbell, J. A., J. C. Blancas-Hernández, and E. N. Smith. 2009. A New Species of Stream-

- breeding Treefrog of the Genus *Charadrahyla* (Hylidae) from the Sierra Madre del Sur of Guerrero, Mexico. *Copeia* 2009:287–295.
- Campbell, J. A., J. W. Streicher, C. L. Cox, and E.D. Brodie Jr. 2014. A new salamander of the genus *Chiropterotriton* (Caudata: Plethodontidae) from the Sierra Madre Oriental of Tamaulipas, Mexico. *South American Journal of Herpetology* 9:228-234.
- Campbell, J. A., W. E. Duellman, and others. 2000. New species of stream-breeding hylid frogs from the northern versant of the highlands of Oaxaca, Mexico.
- Camurugi, F., and F. Juncá. 2013. Reproductive biology of *Hypsiboas atlanticus* (Anura: Hylidae). *Herpetology Notes* 6:489-495.
- Canavero, A., Arim, M., Naya, D. E., Camargo, A., Rosa, I., and Maneyro, R. 2008. Calling activity patterns in an anuran assemblage: the role of seasonal trends and weather determinants. *North-Western Journal of Zoology* 4:29-41.
- Cândido, C. E. R. 2013. Biologia reprodutiva de *Phyllomedusa oreades* Brandão, 2002 (Anura: Hylidae), uma espécie endêmica do cerrado restrita a riacho de altitude. Universidade de Brasília, Faculdade de Tecnologia, Departamento de Engenharia Floresta.
- Canedo, C., and J. P. Pombal. 2007. Two new species of torrent frog of the genus *Hylodes* (Anura, Hylodidae) with nuptial thumb tubercles. *Herpetologica* 63:224–235.
- Canedo, C., B. V. S. Pimenta, F. S. F. Leite, and U. Caramaschi. 2010. New Species of *Ischnocnema* (Anura: Brachycephalidae) from the State of Minas Gerais, Southeastern Brazil, with Comments on the *I. verrucosa* Species Series. *Copeia* 2010:629–634.
- Canedo, C., J. P. Garcia, R. Fernandes, and J. P. Pombal jr. 2006. Diet of *Pipa carvalhoi* (Amphibia, Pipidae) is not influenced by female parental care. *Herpetological Review* 37:44-45.
- Canelas, M. A. S., and J. Bertoluci. 2007. Anurans of the Serra do Caraça, southeastern Brazil: species composition and phenological patterns of calling activity. *Iheringia. Série Zoologia* 97:21-26.
- Cannatella, D. C. 1981. A New *Atelopus* from Ecuador and Colombia. *Journal of Herpetology* 15:133.
- Cannatella, D. C. 1984. Two new species of the leptodactylid frog genus *Phrynopis*, with comments on the phylogeny of the genus. University of Kansas, Museum of Natural History.
- Cannatella, D. C. 1986. A New Species of *Osornophryne* (Anura: Bufonidae) from the Andes of Ecuador. *Copeia* 1986:618.
- Canseco-Márquez, L. and M. G. Gutiérrez-Mayén. 2010. Anfíbios y reptiles del Valle de Tehuacán-

Cuicatlán. CONABIO, Cuicatlán, A. C. and BUAP. 302 pp.

Canseco-Márquez, L., G. Gutiérrez-Mayén, and J. R. Mendelson. 2003. Distribution and natural history of the hylid frog *Hyla xera* in the Tehuacan-Cuicatlan Valley, Mexico, with a description of the tadpole. *The Southwestern Naturalist* 48:670–675.

Canziani, G. A., and M. A. Cannata. 1980. Water balance in *Ceratophrys ornata* from two different environments. *Comparative Biochemistry and Physiology Part A: Physiology* 66:599-603.

Capula, M., and M. Carti. 1993. Morphometric variation and divergence in the West Mediterranean *Discoglossus* (Amphibia: Discoglossidae). *Journal of Zoology* 231:141–156.

Caramaschi, U. 2008. Taxonomic status of *Leptodactylus ochraceus*, a forgotten species (Anura: Leptodactylidae). *Revista Brasileira de Zoologia* 25:523–528.

Caramaschi, U. 2010. Notes on the taxonomic status of *Elachistocleis ovalis* (Schneider, 1799) and description of five new species of *Elachistocleis* Parker, 1927 (Amphibia, Anura, Microhylidae). *Boletim do Museu Nacional Nova Serie Rio de Janeiro, Brasil* 527:1-30.

Caramaschi, U., A. P. Almeida, and J. L. Gasparini. 2009. Description of two new species of *Sphaenorhynchus* (Anura, Hylidae) from the State of Espírito Santo, Southeastern Brazil.

Caramaschi, U., and B. V. S. Pimenta. 2003. Duas novas espécies de *Chiasmocleis* Méhely, 1904 da Mata Atlântica do Sul da Bahia, Brasil (Amphibia, Anura, Microhylidae). *Arquivos do Museu Nacional* 61:195-202.

Caramaschi, U., and C. A. G. Cruz. 1999. Duas espécies novas do grupo de *Hyla polytaenia* cope, 1870 do estado de Minas Gerais, Brasil (Amphibia, Anura, Hylidae). *Boletim do Museu Nacional, Nova Série, Zoologia*:1-10.

Caramaschi, U., and C. A. G. Cruz. 2000. Duas espécies novas de *Hyla* Laurenti, 1768 do estado de Goiás, Brasil (Amphibia, Anura, Hylidae). *Boletim do Museu Nacional, Nova Série, Zoologia* 422:1-12.

Caramaschi, U., and C. A. G. Cruz. 2004. Duas novas espécies de *Hyla* do grupo de *H. polytaenia* Cope, 1870 do sudeste do Brasil (Amphibia, Anura, Hylidae). *Arquivos do Museu Nacional* 62:247-254.

Caramaschi, U., and C. A. G. Da Cruz. 1997. Redescription of *Chiasmocleis albopunctata* (Boettger) and description of a new species of *Chiasmocleis* (Anura: Microhylidae). *Herpetologica*:259-268.

Caramaschi, U., and M. C. S. Cardoso. 2006. Taxonomic Status of *Hyla Camposseabrai* Bokermann, 1968 (Anura: Hylidae). *Journal of Herpetology* 40:549–552.

- Caramaschi, U., and M. T. Rodrigues. 2003. A new large treefrog species, genus *Hyla* Laurenti, 1768, from southern Bahia, Brazil (Amphibia, Anura, Hylidae). *Arquivos do Museu Nacional* 61:255-260.
- Caramaschi, U., and M.T. Rodrigues. 2007. Taxonomic status of the species of *Gastrotheca* Fitzinger, 1843 (Amphibia: Anura:Amphignathodontidae) of the Atlantic Rain Forest of eastern Brazil, with description of a new species. *Boletim do Museu Nacional* 525:1-20.
- Caramaschi, U., and R. N. Feio. 1990. A New Species of *Hyla* (Anura, Hylidae) from Southern Minas Gerais, Brazil. *Copeia* 1990:542.
- Caramaschi, U., C. A. G. Cruz, and L. B. Nascimento. 2009. A New Species of *Hypsiboas* of the *H. polytaenius* Clade from Southeastern Brazil (Anura: Hylidae). *South American Journal of Herpetology* 4:210–216.
- Caramaschi, U., C. A. G. Cruz, and R. N. Feio. 2006. A new species of *Phyllomedusa* Wagler, 1830 from the State of Minas Gerais, Brazil: (Amphibia, Anura, Hylidae). *Boletim do Museu Nacional*:91-95.
- Caramaschi, U., M. F. Napoli, and A. T. Bernardes. 2001. Nova espécie do grupo de *Hyla circumdata* (Cope, 1870) do Estado de Minas Gerais, Brasil (Amphibia, Anura, Hylidae). *Boletim do Museu Nacional, Nova Série, Zoologia* 457:1-11.
- Caramaschi, U., R. N. Feio, and A. S. Guimarães-Neto. 2003. A new, brightly colored species of *Physalaemus* (Anura: Leptodactylidae) from Minas Gerais, Southeastern Brazil. *Herpetologica* 59:519–524.
- Caramaschi, U., R. N. Feio, and V. A. São-Pedro. 2008. A new species of *Leptodactylus* Fitzinger (Anura, Leptodactylidae) from Serra do Brigadeiro, State of Minas Gerais, Southeastern Brazil. *Zootaxa* 1861:44-54.
- Cardoso, A. J., and I. Sazima. 1980. Nova espécie de *Hyla* do sudeste brasileiro (Amphibia, Anura, Hylidae). *Revista Brasileira de Biologia* 40:75-79.
- Cardoso, M. W., and J. P. Jr. 2010. A new species of small *Scinax* Wagler, 1830 (Amphibia, Anura, Hylidae) of the *Scinax ruber* clade from Cerrado of central Brazil. *Amphibia-Reptilia* 31:411–418.
- Carey, C. N., W. R. Heyer, J. Wilkinson, R. A. Alford, J. W. Arntzen, T. Halliday, L. Hungerford, K. R. Lips, E. M. Middleton, S. A. Orchard and A. S. Rand. 2001. Amphibian declines and environmental change: use of remote sensing data to identify environmental correlates. *Conservation Biology* 15:903–913.
- Carnaval, A. C. O. Q., and O. L. Peixoto. 2004. A new species of *Hyla* from Northeastern Brazil (Amphibia, Anura, Hylidae). *Herpetologica* 60:387–395.

- Carranza, S., and E. Wade. 2004. Taxonomic revision of Algero-Tunisian Pleurodeles (Caudata: Salamandridae) using molecular and morphological data. Revalidation of the taxon *Pleurodeles nebulosus* (Guichenot, 1850). *Zootaxa* 488:1-24.
- Carreno, C. A., and K. C. Nishikawa. 2010. Aquatic feeding in pipid frogs: the use of suction for prey capture. *Journal of Experimental Biology* 213:2001–2008.
- Carrizo, G. R. 1990. Sobre los hílidos de Misiones, Argentina, con la descripción de una nueva especie, *Hyla caingue* n. sp.(Anura: hylidae). *Cuadernos de Herpetología* 5:32-39.
- Carvalho-e-Silva, A., G. R. Silva, and S. P. Carvalho-e-Silva. 2009. A new species of *Phasmahyla* Cruz, 1990 from the Atlantic Forest in the state of Rio de Janeiro, Brazil (Amphibia, Hylidae, Phyllomedusinae). *Zootaxa* 2120:15-26.
- Carvalho-E-Silva, S. P., A. M. P. T. Carvalho-E-Silva, and E. Izecksohn. 2003. Nova espécie de *Hyla* Laurenti do grupo de *H. microcephala* Cope (Amphibia, Anura, Hylidae) do nordeste do Brasil. *Revista Brasileira de Zoologia* 20:553-558.
- Carvalho, T. R., A. A. Giaretta, and K. G. Facure. 2010. A new species of *Hypsiboas* Wagler (Anura: Hylidae) closely related to *H. multifasciatus* Günther from southeastern Brazil. *Zootaxa* 2521:37-52.
- Carvalho, T. R., and A. A. Giaretta. 2013. A reappraisal of the geographic distribution of *Bokermannohyla sazimai* (Cardoso and Andrade, 1982) (Anura: Hylidae) through morphological and bioacoustics approaches. *Phyllomedusa: Journal of Herpetology* 12:33-45.
- Cassiano-Lima, D. 2011. The reproductive mode of *Adelophryne maranguapensis* Hoogmoed, Borges & Cascon, 1994(Anura, Eleutherodactylidae), an endemic and threatened species from Atlantic Forest remnants in northern Brazil. *North-Western Journal of Zoology* 7.
- Cassini, C. S., C. A. Goncalves Cruz, and U. Caramaschi. 2010. Taxonomic review of *Physalaemus olfersii* (Lichtenstein & Martens, 1856) with revalidation of *Physalaemus lateristriga* (Steindachner, 1864) and description of two new related species (Anura: Leiuperidae). *Zootaxa*:1-33.
- Cassini, C. S., C. P. Neves, J. S. Dayrell, C. A. G. Cruz, and R. N. Feio. 2007. Amphibia, Anura, *Dendropsophus ruschii*: Distribution extension, new state record, and geographic distribution map. *Check List* 3:190-192.
- Castellano, S., Cucco, M., and Giacoma, C. 2004. Reproductive investment of female green toads (*Bufo viridis*). *Copeia* 2004:659-664.
- Castillo-Trenn, P. 2004. Description of the Tadpole of *Colostethus kingsburyi* (Anura: Dendrobatidae) from Ecuador. *Journal of Herpetology* 38:600–606.
- Castillo-Trenn, P. and Coloma, I. A. 2008. Notes on behaviour and reproduction in captive *Allobates*

kingsburyi (Anura: Dendrobatidae), with comments on evolution of reproductive amplexus. International Zoo Yearbook, 42: 58-70.

Castroviejo-Fisher, S., J. C. Señaris, J. Ayarzagüena, and C. Vilà. 2008. Resurrection of *Hyalinobatrachium orcostale* and Notes on the *Hyalinobatrachium orientale* Species Complex (Anura: Centrolenidae). *Herpetologica* 64:472–484.

Castroviejo-Fisher, S., J. M. Guayasamin, and P. J. R. Kok. 2009. Species status of *Centrolene lema* Duellman and Señaris, 2003 (Amphibia: Centrolenidae) revealed by integrative taxonomy. *Zootaxa* 1980:16-28.

Castroviejo-Fisher, S., J.M. Padial, J.C. Chaparro, R. Aguayo and I. De la Riva. 2009. A new species of *Hyalinobatrachium* (Anura: Centrolenidae) from the Amazonian slopes of the central Andes, with comments on the diversity of the genus in the area. *Zootaxa* 2143: 24-44.

Castroviejo-Fisher, S., P. E. Pérez-Peña, J. M. Padial, and J. M. Guayasamin. 2012. A Second Species of the Family Alloprynidae (Amphibia: Anura). *American Museum Novitates* 3739:1–17.

Cedeño-Vázquez, R., R. R. Calderón Mandujano, and C. Pozo. 2006. Anfibios de la región de Calakmul, Campeche, México. CONABIO/ECOSUR/CONANP/PNUD-GEF/SHM. Quintana Roo, México. 104 pp.

Cei, J. M. 1962. Batracios de Chile. Ediciones de la Universidad de Chile.

Cei, J. M. 1980. Amphibians of Argentina. *Monitore Zoologico Italiano. Nuova Serie, Monographia*. Università degli studi di Firenze.

Cei, J. M. 1984. A new leptodactylid frog, genus *Atelognathus*, from southern Patagonia, Argentina. *Herpetologica* 40:47-51.

Celsa Señaris, J. and J. Ayarzagüena. 2006. A new species of *Hypsiboas* (Amphibia; Anura; Hylidae) from the Venezuelan Guayana, with notes on *Hypsiboas sibleszi* (Rivero 1972). *Herpetologica* 62:308-318.

Ceruks, A. 2010. Diversidade, distribuição espacial e temporal de anuros (amphibia) na Serra da Mantiqueira, Sudeste do Brasil. Universidade de Taubaté, São Paulo.

Céspedes, J. A., and B. B. Alvarez. 1999. Una nueva especie de *Melanophryniscus* (Anura: Bufonidae) del grupo *stelzneri* de Corrientes, Argentina. *Facena* 15:56-67.

Chacon-Ortiz, A., A. D. De Pascual, and F. Godoy. 2004. Aspectos reproductivos y desarrollo larval de *Hyla pugnax* (Anura: Hylidae) en el piedemonte andino de Venezuela. *Revista de la Academia Colombiana de Ciencias* 28:391-402.

Chan-ard, T. 2003. A photographic guide to amphibians in Thailand. Darnsutha Press Company.

- Chan, K. O., D. C. Blackburn, R. W. Murphy, B. L. Stuart, D. A. Emmett, C. T. Ho, and R. M. Brown. 2013. A new species of Narrow-mouthed Frog of the genus *Kaloula* from Eastern Indochina. *Herpetologica* 69:329-341.
- Chan, K. O., R. M. Brown, K. K. P. Lim, N. Ahmad, and L. Grismer. 2014. A New Species of Frog (Amphibia: Anura: Ranidae) of the *Hylarana signata* Complex from Peninsular Malaysia. *Herpetologica* 70:228–240.
- Channing, A. 2001. *Amphibians of central and southern Africa*. Ithaca, New York.
- Channing, A., A. Hillers, S. Lötters, M. O. Rödel, S. Schick, W. Conradie, D. Rödder, V. Mercurio, P. Wagner, J. M. Dehling, and others. 2013a. Taxonomy of the super-cryptic *Hyperolius nasutus* group of long reed frogs of Africa (Anura: Hyperoliidae), with descriptions of six new species. *Zootaxa* 3620:301-350.
- Channing, A., A. Schmitz, M. Burger, and J. Kielgast. 2013b. A molecular phylogeny of African Dainty Frogs, with the description of four new species (Anura: Pyxicephalidae: *Cacosternum*). *Zootaxa* 3701:518-550.
- Channing, A., and K. Howell. 2006. *Amphibians of east Africa*. Comstock Pub. Associates/Cornell University Press, Ithaca, NY.
- Channing, A., and K. Wahlberg. 2011. Distribution and conservation status of the desert rain frog *Breviceps macrops*. *African Journal of Herpetology* 60:101-112.
- Channing, A., and L. Minter. 2004. A new rain frog from Tanzania (Microhylidae: *Breviceps*). *African Journal of Herpetology* 53:147–154.
- Channing, A., C. Brun, M. Burger, S. Febvre, and D. Moyer. 2005a. A new cryptic Dainty Frog from East Africa (Anura: Ranidae: *Cacosternum*). *African Journal of Herpetology* 54:139–148.
- Channing, A., D. C. Moyer, and A. Dawood. 2004. A new sand frog from central Tanzania (Anura: Ranidae: *Tomopterna*). *African Journal of Herpetology* 53:21–28.
- Channing, A., L. Preez, and N. Passmore. 1994. Status, vocalization and breeding biology of two species of African bullfrogs (Ranidae: *Pyxicephalus*). *Journal of Zoology* 234:141–148.
- Channing, A., M. Menegon, S. Salvidio, and S. Akker. 2005b. A new forest toad from the Ukaguru Mountains, Tanzania (Bufonidae: *Nectophrynoides*). *African Journal of Herpetology* 54:149–157.
- Chaparro, J. C., J. B. Pramuk, and A. G. Gluesenkamp. 2007. A new species of arborea *Rhinella* (Anura: Bufonidae) from cloud forest of southeastern Peru. *Herpetologica* 63:203-212.
- Chaparro, J. C., J. B. Pramuk, and A. G. Gluesenkamp. 2007. A new species of arboreal *Rhinella* (Anura: Bufonidae) from cloud forest of Southeastern Peru. *Herpetologica* 63:203–212.

- Chaparro, J. C., J. M. Padial, and I. De La Riva. 2008. Two sympatric new species of *Phrynopus* (Anura: Strabomantidae) from Yanachaga Chemillén National Park (central Peruvian Andes). *Zootaxa* 1761:49-58.
- Chaves, G. A., A. García-Rodríguez, A. Mora, and A. Leal-Esquivel. 2009. A new species of dink frog (Anura: Eleutherodactylidae: Diasporus) from Cordillera de Talamanca, Costa Rica. Una nueva especie de rana campana (Anura: Eleutherodactylidae: Diasporus) de la Cordillera de Talamanca, Costa Rica. *Zootaxa*:1-14.
- Chen, H., Q. Xie, W. Luo, and Y. Wang. 2013. Observation of Feeding Behavior of *Paramesotriton zhijinensis* in Feeding Conditions. *Sichuan Journal of Zoology* 5:20.
- Chen, S. 2007. Feeding habits and nutritional niche of Tiger frog. *Journal of Zhejiang Normal University (Natural Sciences)* 2:2.
- Chen, W., Q. G. Wu, Z. X. Su, and X. Lu. 2012. Age, body size and clutch size of *Rana kunyuensis*, a subtropical frog native to China. *The Herpetological Journal* 22:203-206.
- Chen, W., T. L. Yu, and X. Lu. 2011. Age and body size of *Rana kukunoris*, a high-elevation frog native to the Tibetan plateau. *The Herpetological Journal* 21:149-151.
- Cheong, S.-W., D.-S. Park, H.-C. Sung, J.-H. Lee, and S.-R. Park. 2007. Skeletochronological age determination and comparative demographic analysis of two populations of the gold-spotted pond frog (*Rana chosenica*). *Journal of Ecology and Environment* 30:57-62.
- Cherry, M. I., and H. Francillon-Vieillot. 1992. Body size, age and reproduction in the leopard toad, *Bufo pardalis*. *Journal of Zoology* 228:41-50.
- Chuaynkern, Y., A. Wongwai, and P. A. Duengkae. 2009b. *Kalophrynus interlineatus* (Striped Sticky Frog). *Diet. Herpetol. Rev* 40:205.
- Chuaynkern, Y., N. Salangsingha, S. Makchai, C. Inthara, and P. Duengkae. 2009a. *Fejervarya triora* (Amphibia, Ranidae): first description of the adult male and recent distribution records. *Alytes* 27:13-24.
- Church, G. 1960. A Comparison of a Javanese and a Balinese Population of *Bufo biporcatus* with a Population from Lombok. *Herpetologica* 16:23-28.
- Cicort-Lucaciu, A. Ș., Dimancea, N., Blaga-Lungulescu, R. M., Hodișan, O., and Benkő, A. 2009. Diet composition of a *Triturus dobrogicus* (Amphibia) population from Arad County, western Romania. *Biharean Biologist* 3:77-82.
- Cintra, C. E. D., H. L. R. Silva, N. J. Silva Jr, P. C. A. Garcia, H. Zaher, and others. 2009. A new species of *Trachycephalus* (Amphibia, Anura, Hylidae) from the State of Goias, Brazil. *Zootaxa* 1975:58-68.

- Cisneros-Heredia, D. F., and R. W. McDiarmid. 2007. Revision of the characters of Centrolenidae (Amphibia: Anura: Athesphatanura), with comments on its taxonomy and the description of new taxa of glassfrogs. *Zootaxa* 1572:1-82.
- Cisneros-Heredia, D. F., P. J. Venegas, M. Rada, and R. Schulte. 2008. A New Species of Glassfrog (Anura: Centrolenidae) from the Foothill Andean Forests of Ecuador and Peru. *Herpetologica* 64:341–353.
- Cisneros, J. J. M. 2008. *Rhaebo Haematiticus* (Cope 1862): Un complejo de especies con redescipción de *Rhaebo Hypomelas* (Boulenger 1913) y descripción de una nueva especie. *Herpetotropicos* 5:29-47.
- Clarke, J. M. 2006. Habitat, microhabitat and calling behaviour of *Taudactylus pleione* Czechura (Anura: Myobatrachidae), a critically endangered frog from central Queensland, Australia. Faculty of Sciences, Engineering & Health, Central Queensland University.
- Cochran, D. M. 1935. New reptiles and amphibians collected in Haiti by PJ Darlington. *Proceedings of the Boston Society of Natural History* 40:367-376.
- Cochran, D. M. 1955. Frogs of Southeastern Brazil. *Bulletin of the United States National Museum*:1–423.
- Cochran, D. M., and C. J. Goin . 1970. Frogs of Colombia. *Bulletin of the United States National Museum* 288: 1-655.
- Cocroft, R. B., and W. R. Heyer. 1988. Notes on the frog genus *Thoropa* (Amphibia: Leptodactylidae) with a description of a new species (*Thoropa saxatilis*). *Proceedings of the Biological Society of Washington* 101:209-220.
- Coe, M. 1974. Observations on the ecology and breeding biology of the genus *Chiromantis* (Amphibia: Rhacophoridae). *Journal of Zoology* 172:13–34.
- Coelho-Augusto, C., M. R. Moura, and R. N. Feio. 2013. *Zachaeus carvalhoi* (Carvalhos Bug-eyed Frog). *Reproduction. Herpetological Review* 44:132.
- Cogălniceanu, D., and C. Miaud. 2003. Age, survival and growth in *Triturus dobrogicus* (Amphibia, Urodela) from the lower Danube floodplain. *International Association for Danube Research (Tulcea)* 34:777-783.
- Cogălniceanu, D., and C. Miaud. 2003. Population age structure and growth in four syntopic amphibian species inhabiting a large river floodplain. *Can. J. Zool.* 81:1096–1106.
- Cogger, H. 2014. *Reptiles and amphibians of Australia*. CSIRO.
- Coloma, L. A. 1995. Ecuadorian frogs of the genus *Colostethus* (Anura: Dendrobatidae).

Miscellaneous Publications 87:1-72.

Coloma, L. A. 1995. Ecuadorian frogs of the genus *Colostethus* (Anura: Dendrobatidae).

Miscellaneous Publications 87:1—72.

Coloma, L. A. 2009. Two new species of *Atelopus* (Anura: Bufonidae) from Ecuador. *Herpetologica* 58:229-252.

Coloma, L. A., S. Lötters, and A. W. Salas. 2000. Taxonomy of the *Atelopus ignescens* complex (Anura: Bufonidae): designation of a neotype of *Atelopus ignescens* and recognition of *Atelopus exiguus*. *Herpetologica* 56:303-324.

Coloma, L., S. Ron, S. Lötters, and P. Venegas. 2010. *Epipedaobates anthonyi*. The IUCN Red List of Threatened Species Available at <http://dx.doi.org/10.2305/IUCN.UK.2010-2.RLTS.T55213A11268789.en>.

Colombo, P., A. Kindel, G. Vinciprova, and L. Krause. 2008. Composição e ameaças à conservação dos anfíbios anuros do Parque Estadual de Itapeva, município de Torres, Rio Grande do Sul, Brasil. *Biota Neotropica* 8:229-240.

Conant, R., and J. T. Collins. 1998. A field guide to reptiles & amphibians: eastern and central North America. Houghton Mifflin Harcourt.

Conradie, W., R. Bills, and A. Bok. 2011. Occurrence of *Batrachochytrium dendrobatidis* in Amphibian populations of Okomu national park, nigeria. *Herpetological Review* 42:379-382.

Conte, C. E., F. Nomura, R. A. Machado, A. Kwet, R. Lingnau, and D. de C. Rossa-Feres. 2010. Novos registros na distribuição geográfica de anuros na Floresta com Araucária e considerações sobre suas vocalizações. *Biota Neotropica* 10:201-224.

Conte, C., and D. C. Rossa-Feres. 2006. Diversidade e ocorrência temporal da anurofauna (Amphibia, Anura) em São José dos Pinhais, Paraná, Brasil. *Revista Brasileira de Zoologia* 23:162-175.

Cook, D. G., and M. R. Jennings. 2007. Microhabitat use of the california red-legged frog and introduced bullfrog in a seasonal marsh. *Herpetologica* 63:430–440.

Cortez, C., S. Reichle, I. de La Riva, and J. Kohler. 2004. *Ameerega boliviana*. The IUCN Red List of Threatened Species Available at <http://dx.doi.org/10.2305/IUCN.UK.2004.RLTS.T55216A11270799.en>.

Costa, P. N. 2010. Egg clutch and larval development of *Phasmahyla cruzi* Carvalho-e-Silva and Carvalho-e-Silva, 2009 (Amphibia, Anura, Hylidae). *Herpetology Notes* 3:221-228.

Costa, R. C., K. G. Facure, and A. A. Giaretta. 2006. Courtship, vocalization, and tadpole

description of *Epipedobates flavopictus* (Anura: Dendrobatidae) in southern Goiás, Brazil. *Biota Neotropica* 6:0-0.

Crawford, A. J., M. J. Ryan, and C. A. Jaramillo. 2010. A New Species of *Pristimantis* (Anura: Strabomantidae) from the Pacific Coast of the Darien Province, Panama, with a Molecular Analysis of its Phylogenetic Position. *Herpetologica* 66:192–206.

Crombie, R. I. 1977. A new species of frog of the genus *Eleutherodactylus* (Amphibia: Leptodactylidae) from the Cockpit Country of Jamaica. *Proceedings of the Biological Society of Washington* 90:194-204.

Crombie, R. I. 1986. Another New Forest-dwelling Frog (*Leptodactylidae*, *Eleutherodactylus*) from the Cockpit Country of Jamaica. *Transactions of the San Diego Society of Natural History* 21:145-153.

Crombie, R. I., and W. R. Heyer. 1983. *Leptodactylus longirostris* (Anura: Leptodactylidae): Advertisement call, tadpole, ecological and distributional notes. *Revista Brasileira de Biologia* 43:291-296.

Crump, M. L. 1981. Variation in Propagule Size as a Function of Environmental Uncertainty for Tree Frogs. *The American Naturalist* 117:724.

Crump, M. L. 1984. Intraclutch Egg Size Variability in *Hyla crucifer* (Anura: Hylidae). *Copeia* 1984:302.

Crump, M. L. 1991. Choice of oviposition site and egg load assessment by a treefrog. *Herpetologica*:308-315.

Crump, M. L. 2003. Vocal-sac brooding frogs (*Rhinodermatidae*). in M. Hutchins, W. E. Duellman, and N. Schlager, editors. *Grzimek's Animal Life Encyclopedia. Amphibians*. Second edition. Gale Group, Farmington Hills.

Crutsinger, G., M. Pickersgill, A. Channing, and D. Moyer. 2004. A new species of *Phrynobatrachus* (Anura: Ranidae) from Tanzania. *African Zoology*. 39:19-23.

Cruz, C. A. G. da, and O. L. Peixoto. 1984. Espécies verdes de *Hyla*: o complexo *albosignata* (Amphibia, Anura, Hylidae). *Arquivos da Universidade Federal Rural do Rio de Janeiro* 7:31-47.

Cruz, C. A. G., and B. V. S. Pimenta. 2004. New Species of *Physalaemus* Fitzinger, 1826 from Southern Bahia, Brazil (Anura, Leptodactylidae). *Journal of Herpetology* 38:480–486.

Cruz, C. A. G., and M. F. Napoli. 2010. A new species of smooth horned frog, genus *Proceratophrys* Miranda-Ribeiro (Amphibia: Anura: Cycloramphidae), from the Atlantic Rainforest of eastern Bahia, Brazil. *Zootaxa* 2660:57-67.

- Cruz, C. A. G., and U. Caramaschi. 2003. Taxonomic status of *Melanophryniscus Stelzneri Dorsalis* (Mertens, 1933) and *Melanophryniscus Stelzneri Fulvoguttatus* (Mertens, 1937): (Amphibia, Anura, Bufonidae). *Boletim do Museu Nacional* 500:1-11.
- Cruz, C. A. G., B. V. S. Pimenta, and D. L. Silvano. 2003. Duas novas espécies pertencentes ao complexo de *Hyla albosignata* Lutz & Lutz, 1938 do leste do Brasil (Amphibia, Anura, Hylidae). *Boletim do Museu Nacional, Nova Série, Zoologia* 503:1-13.
- Cruz, C. A. G., C. S. Cassini, and U. Caramaschi. 2008b. A New Species of the Genus *Physalaemus* Fitzinger, 1826 (Anura, Leiuperidae) from Southern Brazil. *South American Journal of Herpetology* 3:239–243.
- Cruz, C. A. G., G. M. Prado, and E. Izecksohn. 2005. Nova espécie de *Proceratophrys* Miranda-Ribeiro, 1920 do sudeste do Brasil (Amphibia, Anura, Leptodactylidae). *Arquivos do Museu Nacional* 63:289-295.
- Cruz, C. A. G., I. Nunes, and F. A. Juncá. 2012. Redescription of *Proceratophrys cristiceps* (Müller, 1883) (Amphibia, Anura, Odontophrynidae), with Description of Two New Species without Eyelid Appendages from Northeastern Brazil. *South American Journal of Herpetology* 7:110–122.
- Cruz, C. A. G., I. Nunes, and F. A. Juncá. 2012. Redescription of *Proceratophrys cristiceps* (müller, 1883)(Amphibia, Anura, Odontophrynidae), with description of two new species without eyelid appendages from northeastern brazil. *South american journal of herpetology* 7:110-122.
- Cruz, C. A. G., M. F. Napoli, and P. M. Fonseca. 2008c. A New Species of *Phasmahyla* Cruz, 1990 (Anura: Hylidae) from the State of Bahia, Brazil. *South American Journal of Herpetology* 3:187–195.
- Cruz, C. A., R. Feio, and L. Nascimento. 2008a. A new species of *Phasmahyla* Cruz, 1990 (Anura: Hylidae) from the Atlantic Rain Forest of the States of Minas Gerais and Bahia, Brazil. *Amphibia-Reptilia* 29:311–318.
- Cuevas, C. C., and J. R. Formas. 2001. A new species of *Alsodes* (Amphibia, Anura, Leptodactylidae) from central Chile. *Amphibia Reptilia* 22:187-198.
- Cuevas, C. C., and J. R. Formas. 2001. A new species of *Alsodes* (Amphibia, Anura, Leptodactylidae) from central Chile. *Amphibia Reptilia* 22:187–198.
- CUEVAS, C. C., and J. Ram. FORMAS. 2002. *Telmatobius philippii*, una nueva especie de rana acuática de Ollagüe, norte de Chile (Leptodactylidae). *Revista chilena de historia natural* 75:245-258.
- Cvetković, D., M. L. Kalezić, A. Djorović, and G. Džukić. 1996. The crested newt (*Triturus carnifex*) in the Submediterranean: Reproductive biology, body size, and age. *Italian Journal of*

Zoology 63:107–111.

Cvetković, D., N. Tomašević, G. F. Ficetola, J. Crnobrnja-Isailović, and C. Miaud. 2009.

Bergmann's rule in amphibians: combining demographic and ecological parameters to explain body size variation among populations in the common toad *Bufo bufo*. *Journal of Zoological Systematics and Evolutionary Research* 47:171-180.

D-Cruze, N., J. Köhler, M. Vences, and F. Glaw. 2010. A New Fat Fossorial Frog (Microhylidae: Cophylinae: Rhombophryne) from the Rainforest of the Forêt d'Ambre Special Reserve, Northern Madagascar. *Herpetologica* 66:182–191.

D., R. I., E. M. Smith, and R. I. D. 1995. Systematic Status of *Colostethus flator* and *C. nubicola* (Anura: Dendrobatidae) in Panama. *Copeia* 1995:446.

D.T., I. 2004. The amphibians and reptiles of Malinau Region, Bulungan Research Forest, East Kalimantan: annotated checklist with notes on the ecological presence of the species and local utilization. Center for International Forestry Research (CIFOR).

D'íaz-Páez, H., and J. C. Ortiz. 2003. Hábitos alimentarios de *Pleurodema thaul* (Anura, Leptodactylidae), en Concepción, Chile. *Gayana (Concepción)* 67:25-32.

D'íaz, L. M., A. Cádiz, and N. Navarro. 2005. A new ground dwelling frog of the genus *Eleutherodactylus* (Anura: Leptodactylidae) from eastern Cuba, and a reconsideration of the *E. dimidiatus* group. *Caribbean Journal of Science* 41:307-318.

D'íaz, L. M., and A. Fong. 2001. A new mottled frog of the genus *Eleutherodactylus* (Anura: Leptodactylidae) from Eastern Cuba. *Solenodon: Revista Cubana de Taxonomía Zoológica* 1:76-84.

D'íaz, L. M., and A. R. Estrada. 2000. The male and female vocalizations of the Cuban frog *Eleutherodactylus guanahacabibes* (Anura: Leptodactylidae). *Caribbean Journal of Science* 36:328-331.

da Silva Lima, N. G., A. S. B. Gontijo, and P. C. Eterovick. 2014. Breeding behaviour of *Bokermannohyla nanuzae* (Anura: Hylidae) at an Atlantic Forest site in southeastern Brazil. *Journal of Natural History* 48:1439–1452.

da Silva Santos, P., E. T. da Silva, B. H. B. Felhberg, M. T. T. Santos, and P. C. de Anchietta Garcia. 2011. Amphibia, Anura, Hylodidae, *Megaelosia apuana* Pombal, Prado and Canedo, 2003: Distribution extension, new state record and geographic distribution map. *Check List* 7:394-396.

da Silva, E. T., H. L. Coelho, R. de Souza Viana, and P. da Silva. 2011. Amphibia, Anura, Leiuperidae, *Physalaemus feioi* Cassini, Cruz and Caramaschi, 2010: Distribution extension. *Check List* 7:282-284.

Da Silva, H. R., and D. Britto-Pereira. 2006. How much fruit do fruit-eating frogs eat? *An*

investigation on the diet of *Xenohyla truncata* (Lissamphibia: Anura: Hylidae). *Journal of Zoology* 270:692-698.

da Silva, W. R., and A. A. Giaretta. 2009. On the natural history of *Leptodactylus syphax* with comments on the evolution of reproductive features in the *L. pentadactylus* species group (Anura, Leptodactylidae). *Journal of Natural History* 43:191–203.

Daly, G., and P. Craven. 2007. Monitoring populations of Heath Frog *Litoria littlejohni* in the Shoalhaven region on the south coast of New South Wales. *Australian Zoologist* 34:165-172.

Daniel, J. C. 2002. *The Book of Indian Reptiles and Amphibians*. Bombay Natural History Society and Oxford University Press. Oxford University press.

Daniels, R. J. R. 2005. *Amphibians of peninsular India*. Universities Press.

Dantzer, B. J., and R. G. Jaeger. 2007. Male red-backed salamanders can determine the reproductive status of conspecific females through volatile chemical signals. *Herpetologica* 63:176–183.

Das, A., M. Chetia, S. K. Dutta, and S. Sengupta. 2013. A new species of *Duttaphrynus* (Anura: Bufonidae) from Northeast India. *Zootaxa* 3646:336-348.

Das, I. 1996. *Limnonectes shompenorum*, a new species of ranid frog of the *Rana macrodon* complex from Great Nicobar, India. *Journal of South Asia natural history* 2:127-134.

Das, I. 1998. A New Species of *Rana* from the Terai of Nepal. *Journal of Herpetology* 32:223.

Das, I. 2008. Two new species of *Pelophryne* (Anura: Bufonidae) from Gunung Murud, Sarawak (northwestern Borneo). *Raffles Bulletin of Zoology*. Singapore 56:435-443.

Das, I. and Angulo, A. 2009. *Pelophryne linanitensis*. The IUCN Red List of Threatened Species 2009: e.T159223A5320745. <http://dx.doi.org/10.2305/IUCN.UK.2009-2.RLTS.T159223A5320745.en>. Downloaded on 21 June 2017.

Das, I., and K. Deuti. 2011. Notes on Date of Publication and Generic Identity of *Leptobrachium nokrekensis* Mathew and Sen, “2009” 2010 (Amphibia: Anura: Megophryidae). *Current Herpetology* 30:69-73.

Das, I., and K. Kunte. 2005. New Species of *Nyctibatrachus* (Anura: Ranidae) from Castle Rock, Karnataka State, Southwest India. *Journal of Herpetology* 39:465–470.

Das, I., N. Yaakob, and L. B. Liat. 2004. A new species of *Calluella* Stoliczka, 1872 (Anura: Microhylidae) from Taman Negara, Pahang State, Peninsular Malaysia. *Raffles Bulletin of Zoology* 52:257-260.

Das, I., P. Y. Min, W. W. Hsu, S. T. Hertwig, and A. Haas. 2014. Red Hot Chili Pepper. A New *Calluella* Stoliczka, 1872 (Lissamphibia: Anura: Microhylidae) from Sarawak, East Malaysia

(Borneo). *Zootaxa* 3785:550-560.

Daugherty, C. H., and A. L. Sheldon. 1982. Age-determination, growth, and life history of a Montana population of the tailed frog (*Ascaphus truei*). *Herpetologica* 38:461-468.

Davenport, J. M., and K. Summers. 2010. Environmental influences on egg and clutch sizes in lentic-and lotic-breeding salamanders. *Phyllomedusa: Journal of Herpetology* 9:87-98.

Davis, R. A., and J. D. Roberts. 2004. Operational sex ratio and mating behaviour of the myobatrachid frog *Neobatrachus kunapalari*. *Journal of the Royal Society of Western Australia* 87:97-99.

Davis, W. B., and J. R. Dixon. 1955. Notes on Mexican toads of the genus *Tomodactylus* with the descriptions of two new species. *Herpetologica* 11:154-160.

Davis, W. B., and J. R. Dixon. 1965. Amphibians of the Chilpancingo region, Mexico. *Herpetologica* 20:225-233.

Dawood, A., and E. M. Stam. 2006. The taxonomic status of the monotypic frog genus *Anhydrophryne* Hewitt from South Africa: a molecular perspective: research letter. *South African journal of science* 102:p-249.

de C, K., N. Marcelo, N. M. Maciel, R. H. Matsushita, A. T. de Queiróz-Júnior, and A. Sebben. 2009. Reproductive biology of the Brazilian sibilator frog *Leptodactylus troglodytes*. *The Herpetological Journal* 19:119-126.

de Fraga, R., M. Ferrão, and V. T. de Carvalho. 2014. Geographic range extension of the Toad Leaf Frog *Phyllomedusa atelopoides* Duellman, Cadle and Cannatella, 1988 (Anura, Hylidae). *Herpetology Notes* 7:204-205.

De la Riva, I. 2006. Bolivian frogs of the genus *Telmatobius* (Anura: Leptodactylidae): synopsis, taxonomic comments, and description of a new species. In: E. O. Lavilla and I. De la Riva, (eds.), *Studies on the Andean Frogs of the Genera Telmatobius and Batrachophrynus*, pp. 65-101. Asociacion Herpetologica Espanola, Monografias de Herpetologia 7, Valencia.

De la Riva, I. 2007. Bolivian frogs of the genus *Phrynopus*, with the description of twelve new species (Anura: Brachycephalidae). *Herpetological Monographs* 21:241-277.

De La Riva, I., J. C. Chaparro, and J. M. Padial. 2008. A new, long-standing misidentified species of *Psychrophrynella* Hedges, Duellman & Heinicke from Departamento Cusco, Peru (Anura: Strabomantidae). *Zootaxa* 1823:42-50.

de Oliveira Araujo, C., and S. M. de Almeida-Santos. 2011. Herpetofauna de um remanescente de Cerrado no estado de São Paulo, sudeste do Brasil. *Biota Neotropica* 11:47-62.

- de Oliveira Neves, M., C. J. da Silva Morais, and A. A. Garda. 2014. Sexual Dimorphism and Diet of *Pseudis tocantins* (Anura, Hylidae, Pseudae). *South American Journal of Herpetology* 9:177–182.
- de Oliveira, F. F. R., and P. C. Eterovick. 2010. Patterns of Spatial Distribution and Microhabitat Use by Syntopic Anuran Species along Permanent Lotic Ecosystems in the Cerrado of Southeastern Brazil. *Herpetologica* 66:159–171.
- de Oliveira, F. F. R., L. B. Nascimento, P. C. Eterovick, and I. Sazima. 2013. Description of the Tadpole and Redescription of the Advertisement Call of *Physalaemus evangelistai* (Anura, Leiuperidae), with Notes on Its Natural History. *Journal of Herpetology* 47:539–543.
- de Oliveira, F. F. R., P. A. G. Nogueira, and P. C. Eterovick. 2012. Natural history of *Phyllomedusa megacephala* (Miranda-Ribeiro, 1926) (Anura: Hylidae) in southeastern Brazil, with descriptions of its breeding biology and male territorial behaviour. *Journal of Natural History* 46:117–129.
- de Sá, F. P., C. Canedo, M. L. Lyra, and C. F. B. Haddad. 2015. A New Species of *Hylodes* (Anura, Hylodidae) and its Secretive Underwater Breeding Behavior. *Herpetologica* 71:58–71.
- de Sá, R. O., S. P. Loader, and A. Channing. 2004. A New Species of *Callulina* (Anura: Microhylidae) from the West Usambara Mountains, Tanzania. *Journal of Herpetology* 38:219–224.
- De Villiers, A. L. 1988. *Breviceps gibbosus*: species account. Pages 46–48 in W. R. Branch, editor. *South African Red Data Book-Reptiles and Amphibians*, South African National Scientific Programmes Report.
- Dehling, J., and U. Sinsch. 2013. Diversity of *Ptychadena* in Rwanda and taxonomic status of *P. chrysogaster* Laurent, 1954 (Amphibia, Anura, Ptychadenidae). *ZooKeys* 356:69–102.
- del Castillo, A., G. Castano-Menesesi, M. J. Davila-Montes, M. Miranda-Anaya, J. B. Morales-Malacara, and R. Paredes-Leon. 2009. Seasonal distribution and Circadian activity in the troglophile long-footed robber frog, *Eleutherodactylus longipes* (Anura: Brachycephalidae) at Los Riscos Cave, Querétaro, Mexico: field and laboratory studies. *Journal of cave and karst studies* 71:24–31.
- del Pino, E. M. 1980. Morphology of the Pouch and Incubatory Integument in Marsupial Frogs (Hylidae). *Copeia* 1980:10.
- Delaugerre, M., and M. Cheylan. 1992. *Atlas de repartition des batraciens et reptiles de Corse*. Parc naturel regional de Corse Paris.
- Delêtre, M., and G. J. Measey. 2004. Sexual selection vs ecological causation in a sexually dimorphic caecilian, *Schistometopum thomense* (Amphibia Gymnophiona Caeciliidae). *Ethology Ecology & Evolution* 16:243–253.
- Desnitskiy, A. G. 2011. Ontogenetic diversity and early development of frogs in the South

- American family Cycloramphidae. *Phyllomedusa: Journal of Herpetology* 10:7-13.
- Deuti, K. 2013. Amphibia. Pages 67-138 in K. Venkataraman, A. Chattopadhyay, and K. Subramanian, editors. *Endemic animals of India (Vertebrates)*. Zoological Survey of India.
- Deyrup, M., L. Deyrup, and J. Carrel. 2013. Ant species in the diet of a Florida population of Eastern Narrow-Mouthed Toads, *Gastrophryne carolinensis*. *Southeastern Naturalist* 12:367-378.
- Di-Bernardo, M., R. B. de Oliveira, G. M. F. Pontes, J. Melchior, M. Sol, and A. Kwet. 2004. Anfíbios anuros da região de extração e processamento de carvão de Candiota, RS, Brasil. in E. C. Teixeira and M. J. R. Pires, editors. *Estudos ambientais em Candiota: carvão e seus impactos*. Porto Alegre, FEPAM.
- Dias, I. R., T. T. Medeiros, and M. Solé. 2011. Amphibia, Anura, Hylidae, *Bokermannohyla lucianae* (Napoli and Pimenta 2003): Distribution extension and geographic distribution map. *Check List* 7:108-109.
- Dias, I. R., T. T. Medeiros, M. F. V. Nova, and M. Solé. 2014. Amphibians of Serra Bonita, southern Bahia: a new hotspot within Brazil's Atlantic Forest hotspot. *ZooKeys*:105-130.
- Diaz, L. M., A. Cadiz, and S. B. Hedges. 2003. A new grass frog from pine forests of Western Cuba, and description of acoustic and pattern variation in *Eleutherodactylus varleyi* (Amphibia: Leptodactylidae). *Caribbean Journal of Science* 39:176-188.
- Diaz, L. M., A. R. Estrada, and S. Blair-Hedges. 2001. A new riparian frog of the genus *Eleutherodactylus* (Anura: Leptodactylidae) from Eastern Cuba. *Caribbean Journal of Science* 37:63-71.
- Diaz, L. M., S. B. Hedges, and M. Schmid. 2012. A new cryptic species of the genus *Eleutherodactylus* (Amphibia: Anura: Eleutherodactylidae) from Cuba. *Zootaxa* 3220:44-60.
- Diaz, N. F., J. Valencia, and M. Sallaberry. 1983. Life History and Phylogenetic Relationships of *Insuetophrynus acarpicus* (Anura: Leptodactylidae). *Copeia* 1983:30.
- Diesel, R., G. Bäurle, P. Vogel, and G. Baurle. 1995. Cave Breeding and Froglet Transport: A Novel Pattern of Anuran Brood Care in the Jamaican Frog, *Eleutherodactylus cundalli*. *Copeia* 1995:354.
- Diesmos, A. C. 2009. Ecology and diversity of herpetofaunal communities in fragmented lowland rainforests in the Philippines. National University of Singapore.
- Diesmos, A. C., R. M. Brown, and A. C. Alcala. 2002. New Species of Narrow-Mouthed Frog (Amphibia: Anura: Microhylidae: Genus *Kaloula*) from the Mountains of Southern Luzon and Polillo Islands, Philippines. *Copeia* 2002:1037–1051.
- Disi, A. M., and Z. S. Amr. 2010. Morphometrics, distribution and ecology of the amphibians in

Jordan. *Vertebrate Zoology* 60:147-162.

Dixit, P. K., B. N. Andia, S. Behera, and H. N. Behera. 2010. Age Determination in Common Indian Toad, *Bufo Melanostictus*, by Skeletochronology. *The IUP Journal of Science & Technology* 6:42-56.

Dixo, M., and V. K. Verdade. 2006. Herpetofauna de serrapilheira da Reserva Florestal de Morro Grande, Cotia (SP). *Biota Neotrop.* 6:0.

Dixon, J. R. 1963. A New Species of Salamander of the Genus *Ambystoma* from Jalisco, Mexico. *Copeia* 1963: 99–101.

Dixon, J. R., and C. Rivero-Blanco. 1985. A New Dendrobatid Frog (*Colostethus*) from Venezuela with Notes on Its Natural History and That of Related Species. *Journal of Herpetology* 19:177.

Dixon, J. R., and R. G. Webb. 1966. A new *Syrhophus* from Mexico (Amphibia: Leptodactylidae). *Contributions in Science* 102:1-5.

Dodd, C. K. 2013. *Frogs of the United States and Canada*, 2-vol. set (Vol. 1). JHU Press.

Dodd, C. K. 2013. *Frogs of the United States and Canada*. Johns Hopkins University Press, Baltimore.

Domenico, E. A., C. F. B. Haddad, and H. Zaher. 2014. Natural History of *Paratelmatobius gaigeae* (Amphibia, Anura, Leptodactylidae): Description of the Tadpole and Advertisement Call. *Journal of Herpetology* 48:430–433.

Donnellan, S. C., and M. J. Mahony. 2004. Allozyme, chromosomal and morphological variability in the *Litoria lesueuri* species group (Anura: Hylidae), including a description of a new species. *Australian Journal of Zoology* 52:1-28.

Donnelly, M. A. 1999. Reproductive Phenology of *Eleutherodactylus bransfordii* in Northeastern Costa Rica. *Journal of Herpetology* 33:624.

Doody, J. S., and J. E. Young. 1995. Temporal variation in reproduction and clutch mortality of leopard frogs (*Rana utricularia*) in south Mississippi. *Journal of herpetology* 29:614-616.

Dorcas, M. E., W. G. Degenhardt, C. W. Painter, and A. H. Price. 1997. Amphibians and Reptiles of New Mexico. *Copeia* 1997:643.

Dorigo, T. A., C. C. Siqueira, D. Vrcibradic, T. Maia-Carneiro, M. Almeida-Santos, and C. F. D. Rocha. 2012. Ecological aspects of the pumpkin toadlet, *Brachycephalus garbeanus* Miranda-Ribeiro, 1920 (Anura: Neobatrachia: Brachycephalidae), in a highland forest of southeastern Brazil. *Journal of Natural History* 46:2497–2507.

dos Santos Dias, P. H., F. S. F. dos Santos Hepp, A. M. P. T. de Carvalh Silva, and S. P. de Carvalho

- e Silva. 2013. Breeding biology and advertisement call of the horned leaf-frog, *Proceratophrys appendiculata* (Amphibia: Anura: Odontophrynidae). *Zoologia (Curitiba)* 30:388–396.
- dos Santos-Silva, C. R., C. B. De-Carvalho, and S. F. Ferrari. 2012. Amphibia, Anura, Hylidae, *Dendropsophus novaisi* (Bokermann, 1968) Distribution extension and geographic distribution map. *Check List* 8:499-500.
- dos Santos-Silva, C. R., É. D. de Sousa Santos, and S. F. Ferrari. 2012. Multiple amplexus on *Phyllomedusa bahiana* (Hylidae: Phyllomedusinae) in the Caatinga Northeast Brazil. *Herpetology Notes* 5:171-172.
- dos Santos, E. M., and F. de Oliveira Amorim. 2008. Modo reprodutivo de *Leptodactylus natalensis* Lutz, 1930 (Amphibia, Anura, Leptodactylidae). *Revista Brasileira de Zoociências* 7.
- dos Santos, E. M., G. L. da Silva, and J. P. Gomes. 2010. Predação de ovos de *Corythomantis greeningi* Boulenger, 1896 (Anura, Hylidae) por *Solenopsis invicta* Buren, 1972 (Formicidae: Myrmicinae). *Biotemas* 23:153-156.
- Doughty, P., and J. D. Roberts. 2008. A new species of *Uperoleia* (Anura: Myobatrachidae) from the northwest Kimberley, Western Australia. *Zootaxa* 1939:10-18.
- Doughty, P., M. Anstis, and L. C. Price. 2009. A new species of *Crinia* (Anura: Myobatrachidae) from the high rainfall zone of the northwest Kimberley, Western Australia. *Records of the Western Australian Museum* 25:127-144.
- Drewes, R. C., and J. A. Wilkinson. 2004. Gulf of Guinea Expedition (2001) I. The Taxonomic Status of the Genus *Nesionixalus* Perret, 1976 (Anura: Hyperoliidae), Treefrogs of São Tomé and Príncipe, with Comments on the Genus *Hyperolius*. *Proceedings of the California Academy of Sciences* 55.
- Drewry, G. E., and K. L. Jones. 1976. A New Ovoviviparous Frog, *Eleutherodactylus jasperi* (Amphibia, Anura, Leptodactylidae), from Puerto Rico. *Journal of Herpetology* 10:161.
- Dries, L. A. 2012. Variation in abundances of *Eurycea sosorum* and *Eurycea waterlooensis* 1 (Plethodontidae: Hemidactyliini: Eurycea: Notiomolge), with examination of influences of 2 flow regime and drought 3. US Fish and Wild Life service.
- Driscoll, D. A. 1998. Counts of Calling Males as Estimates of Population Size in the Endangered Frogs *Geocrinia alba* and *G. vitellina*. *Journal of Herpetology* 32:475.
- Drummond, L. O., D. Baeta, and M. R. S. PIRES. 2007. A new species of *Scinax* (Anura, Hylidae) of the *S. ruber* clade from Minas Gerais, Brazil. *Zootaxa* 1612:45-53.
- Duarte-Cubides, F., and N. Cala-Rosas. 2012. Amphibia, Anura, Eleutherodactylidae, *Diasporus anthrax* (Lynch, 2001): New records and geographic distribution. *Check List* 8:300-301.

- Dubois, A. 1975. Un nouveau sous-genre (Paa) et trois nouvelles espèces du genre *Rana*. Remarques sur la phylogénie des Ranidés (Amphibiens, Anoures). Bulletin du Muséum national d'Histoire naturelle, Serie 3 Zoologie 324:1093-1115.
- Dubois, A., and A. Ohler. 2005. Taxonomic notes on the Asian frogs of the tribe Paini (Ranidae, Dicroglossinae): 1. Morphology and synonymy of *Chaparana aenea* (Smith, 1922), with proposal of a new statistical method for testing homogeneity of small samples. Journal of natural History 39:1759-1778.
- Dubois, A., and A. Ohler. 2009. A new species of the genus *Quasipaa* (Anura, Ranidae, Dicroglossinae) from northern Vietnam. Alytes 27:49-61.
- Dubois, A., and M. Matsui. 1983. A New Species of Frog (Genus *Rana*, Subgenus *Paa*) from Western Nepal (Amphibia: Anura). Copeia 1983:895.
- Duellman, W. E. 1961. The amphibians and reptiles of Michoacan, Mexico. University of Kansas Publications, Museum of Natural History 15:1-148.
- Duellman, W. E. 1965. Amphibians and reptiles from the Yucatan Peninsula, Mexico. University of Kansas.
- Duellman, W. E. 1966. Taxonomic Notes on Some Mexican and Central American Hyliid Frogs: By William E. Duellman. University of Kansas.
- Duellman, W. E. 1969. A new species of frog in the *Hyla parviceps* group from Ecuador. Herpetologica 25:241-247.
- Duellman, W. E. 1970. The hylid frogs of Middle America / William E. Duellman. Monograph of The Museum of Natural History, The University of Kansas.
- Duellman, W. E. 1971. The identities of some Ecuadorian hylid frogs. Herpetologica:212-227.
- Duellman, W. E. 1972. A New Species of *Hyla* from Amazonian Ecuador. Copeia 1972:265-271.
- Duellman, W. E. 1973. Descriptions of new hylid frogs from Colombia and Ecuador. Herpetologica 29:219-227.
- Duellman, W. E. 1978. The biology of an equatorial herpetofauna in Amazonian Ecuador. University of Kansas, USA.
- Duellman, W. E. 1997. Amphibians of La Escalera Region, Southeastern Venezuela : taxonomy, ecology, and biogeography / by William E. Duellman. Natural History Museum, The University of Kansas, Lawrence, Kansas.
- Duellman, W. E. 2001. The hylid frogs of Middle America. Second Edition. Society for the study of amphibians and reptiles.

- Duellman, W. E. 2004. Frogs of the genus *Colostethus* (Anura: Dendrobatidae) in the Andes of northern Peru / by William E. Duellman. Smithsonian Institution.
- Duellman, W. E. 2005. Cusco Amazónico. The lives of amphibians and reptiles in an Amazonian rainforest. Cornell University Press.
- Duellman, W. E., and C. A. Toft. 1979. Anurans from Serrania de Sira, Amazonian Peru: taxonomy and biogeography. *Herpetologica* 35:60-70.
- Duellman, W. E., and D. M. Hillis. 1990. Systematics of frogs of the *Hyla* *larinopygion* group. Occasional papers of the Museum of Natural History, University of Kansas:1-23.
- Duellman, W. E., and E. Lehr. 2007. Frogs of the genus *Eleutherodactylus* (Leptodactylidae) in the Cordillera Occidental in Peru with descriptions of three new species. *Scientific Papers, Natural History Museum, The University of Kansas* 39:1-13.
- Duellman, W. E., and J. A. Campbell. 1984. Two New Species of *Plectrohyla* from Guatemala (Anura: Hylidae). *Copeia* 1984:390.
- Duellman, W. E., and J. A. Campbell. 1992. Hylid frogs of the genus *Plectrohyla*: systematics and phylogenetic relationships. *Miscellaneous Publications, Museum of Zoology, University of Michigan* 181:1-32.
- Duellman, W. E., and J. B. Pramuk. 1999. Frogs of the genus *Eleutherodactylus* (Anura: Leptodactylidae) in the Andes of northern Peru / by William E. Duellman and Jennifer B. Pramuk. Smithsonian Institution.
- Duellman, W. E., and J. C. Chaparro. 2008. Two distinctive new species of *Pristimantis* (Anura: Strabomantidae) from the Cordillera Oriental with a distributional synopsis of strabomantids in Central Peru. *Zootaxa* 1918:13-25.
- Duellman, W. E., and J. E. Simmons. 1988. Two new species of dendrobatid frogs, genus *Colostethus*, from the Cordillera del Cóndor, Ecuador. *Proceedings of the Academy of Natural Sciences of Philadelphia* 140:115-124.
- Duellman, W. E., and L. A. Coloma. 1993. *Hyla* *staufferorum*, a new species of treefrog in the *Hyla* *larinopygion* group from the cloud forests of Ecuador. Occasional papers of the Museum of Natural History, University of Kansas:1-11.
- Duellman, W. E., and L. T. Klaas. 1964. The Biology of the Hylid Frog *Tripurion petasatus*. *Copeia* 1964:308.
- Duellman, W. E., and L. Trueb. 1966. Neotropical hylid frogs, genus *Smilisca*. University of Kansas.

- Duellman, W. E., and L. Trueb. 1967. Two New Species of Tree Frogs (Genus *Phyllomedusa*) from Panamá. *Copeia* 1967:125.
- Duellman, W. E., and L. Trueb. 1976. The Systematic Status and Relationships of the Hylid Frog, *Nyctimantis Rugiceps* Boulenger. Museum of Natural History, University of Kansas.
- Duellman, W. E., and L. Trueb. 1989. Two new treefrogs of the *Hyla parviceps* group from the Amazon Basin in southern Peru. *Herpetologica* 45:1-10.
- Duellman, W. E., and M. J. Fouquette Jr. 1968. Middle American frogs of the *Hyla microcephala* group. *Ranas centroamericanas del grupo Hyla microcephala*. The University of Kansas Publications, Museum of Natural History. 17:517-557.
- Duellman, W. E., and M. L. Crump. 1974. Speciation in frogs of the *Hyla parviceps* group in the upper Amazon Basin. *Occasional Papers of the Museum of Natural History*:1-40.
- Duellman, W. E., and M. S. Hoogmoed. 1984. The taxonomy and phylogenetic relationships of the hylid frog genus *Stefania*. *Miscellaneous Publications of the Natural History Museum of the University of Kansas* 75: 1-39.
- Duellman, W. E., and M. S. Hoogmoed. 1992. Some hylid frogs from the Guiana highlands, northeastern south America: new species, distributional records, and a generic reallocation. *Occasional Papers of the Museum of Natural History*. Museum of Natural History, the University of Kansas.
- Duellman, W. E., and P. A. Burrowes. 1986. A new species of marsupial frog (Hylidae: *Gastrotheca*) from the Andes of southern Colombia. *Occasional Papers of the Museum of Natural History*, University of Kansas 120: 1–11.
- Duellman, W. E., and P. Venegas. 2005. Marsupial frogs (Anura: Hylidae: *Gastrotheca*) from the andes of Northern Peru with descriptions of two new species. *Herpetologica* 61:295–307.
- Duellman, W. E., and R. Schulte. 1992. Description of a New Species of *Bufo* from Northern Peru with Comments on Phenetic Groups of South American Toads (Anura: Bufonidae). *Copeia* 1992:162.
- Duellman, W. E., and S. B. Hedges. 2005. Eleutherodactyline Frogs (Anura: Leptodactylidae) from the Cordillera Yanachaga in Central Peru. *Copeia* 2005:526–538.
- Duellman, W. E., and S. B. Hedges. 2007. Three new species of *Pristimantis* (Lissamphibia, Anura) from montane forests of the Cordillera Yanachaga in Central Peru. *Phyllomedusa: Journal of Herpetology* 6:119-135.
- Duellman, W. E., and S. J. Maness. 1980. The Reproductive Behavior of Some Hylid Marsupial Frogs. *Journal of Herpetology* 14:213.

- Duellman, W. E., and T. J. Berger. 1982. A new species of Andean treefrog (Hylidae). *Herpetologica* 38:456-460.
- Duellman, W. E., E. Lehr, D. Rodríguez, and R. von May (2004). Two new marsupial frogs (Anura: Hylidae: Gastrotheca) from the Cordillera Oriental in central Peru. *Scientific Papers, Natural History Museum, University of Kansas* 32: 1–10.
- Duellman, W. E., J. E. Cadle, and D. C. Cannatella. 1988. A new species of terrestrial Phyllomedusa (Anura: Hylidae) from southern Peru. *Herpetologica*:91-95.
- Duellman, W. E., K.-H. Jungfer, and D. C. Blackburn. 2011. The phylogenetic relationship of geographically separated *Flectonotus* (Anura: Hemiphractidae), as revealed by molecular, behavioral, and morphological data. *Phyllomedusa: Journal of Herpetology* 10:15-29.
- Duellman, W. E., L. Trueb, and E. Lehr. 2006. A New Species of Marsupial Frog (Anura: Hylidae: Gastrotheca) from the Amazonian Slopes of the Cordillera Oriental in Peru. *Copeia* 2006:595–603.
- Duellman, W.E., T.H. Fritts 1972 A taxonomic review of the southern Andean marsupial frogs (Hylidae: Gastrotheca). *Occ. Pap. Mus. Nat. Hist. Univ. Kansas* 9 :1-37.
- Dunn, E. R. 1926. Additional frogs from Cuba. *Occasional Papers of the Boston Society of Natural History* 5:209-215.
- Dunn, E. R. 1926. Notes on Two Cuban Frogs. *Copeia*:154.
- Dunn, E. R. 1942. The American caecilians. *Bulletin of the Museum of Comparative Zoology, Cambridge, Massachusetts* 91:437-540.
- Dunn, E. R., and W. D. Burden. 1928. Results of the Douglas Burden Expedition to the Island of Komodo: Frogs from the East Indies. *American Museum of Natural History*.
- Duré, M. I., E. F. Schaefer, M. I. Hamann, and A. I. Kehr. 2004. Consideraciones ecológicas sobre la dieta, la reproducción y el parasitismo de *Pseudopaludicola boliviana* (Anura, Leptodactylidae) de Corrientes, Argentina. *Phyllomedusa* 3:121-131.
- Dutta, S. K. 2009. *Amphibians and Reptiles of Similipal Biosphere Reserve*. Regional Plant Resource Centre.
- Dziminski, M. A., and M. Anstis. 2004. Embryonic and Larval Development of the Sunset Frog, *Spicospina flammocaerulea* (Anura: Myobatrachidae), from Southwestern Australia. *Copeia* 2004:896–902.
- Dziminski, M. A., and R. A. Alford. 2005. Patterns and fitness consequences of intraclutch variation in egg provisioning in tropical Australian frogs. *Oecologia* 146:98–109.
- Easteal, S. 1982. The Genetics of Introduced Populations of the Marine Toad, *Bufo Marinus*

(Linnaeus), (Amphibia: Anura): A Natural Experiment in Evolution. Griffith University, School of Australian Environmental Studies, Brisbane, Queensland, Australia.

Edwards, S. R. 1971. Taxonomic notes on South American *Colostethus* with descriptions of two new species (Amphibia, Dendrobatidae). *Proceedings of the Biological Society of Washington* 84:147-162.

El Din, S. B. 2006. A Guide to Reptiles & Amphibians of Egypt. The American University in Cairo Press, Cair.

Elinson, R. P. 1987. Fertilization and aqueous development of the puerto rican terrestrial-breeding frog, *Eleutherodactylus coqui*. *Journal of Morphology* 193:217-224.

Elinson, R. P., E. M. Del Pino, D. S. Townsend, F. C. Cuesta, and P. Eichhorn. 1990. A Practical Guide to the Developmental Biology of Terrestrial-Breeding Frogs. *Biological Bulletin* 179:163.

Elliott, A. B., and L. Karunakaran. 1974. Diet of *Rana cancrivora* in fresh water and brackish water environments. *Journal of Zoology* 174:203-215.

Enderson, E. F., T. R. Van Devender, and R. L. Bezy. 2014. Amphibians and reptiles of Yécora, Sonora and the Madrean Tropical Zone of the Sierra Madre Occidental in northwestern Mexico. *Check List* 10:913-926.

Ento, K., and M. Matsui. 2002. Estimation of Age Structure by Skeletochronology of a Population of *Hynobius nebulosus* in a Breeding Season (Amphibia, Urodela). *Zoological Science* 19:241–247.

Erftemeijer, P., and P. Boeadi. 1991. The diet of *Microhyla heymonsi* Vogt (Microhylidae) and *Rana chalconata* Schlegel (Ranidae) in a pond on West Java. *Raffles Bulletin of Zoology* 39:279-282.

Erismis, U. C., and A. Chinsamy. 2010. Ontogenetic Changes in the Epiphyseal Cartilage of *Rana* (*Pelophylax*) *caralitana* (Anura: Ranidae). *Anat Rec* 293:1825–1837.

Ernst, R., Agyei, A.C. and Rödel, M.-O. 2008. A new giant species of *Arthroleptis* (Amphibia: Anura: Arthroleptidae) from the Krokosua Hills Forest Reserve, south-western Ghana. *Zootaxa* 1697:58–68.

Esteban, M., M. García-París, and J. Castanet. 1996. Use of bone histology in estimating the age of frogs (*Rana perezi*) from a warm temperate climate area. *Can. J. Zool.* 74:1914–1921.

Esteban, M., M. J. Sánchez-Herráiz, L. J. Barbadillo, and J. Castanet. 2004. Age structure and growth in an isolated population of *Pelodytes punctatus* in northern Spain. *Journal of Natural History* 38:2789-2801.

Estrada, A. R. 1987. Los nidos terrestres de dos especies de anfibios cubanos del genero *Eleutherodactylus* (Anura: Leptodactylidae). *Poeyana* 352:1-9.

- Estrada, A. R., and S. B. Hedges. 1991. Nueva especie de *Eleutherodactylus* (Anura: Leptodactylidae) de la región oriental de Cuba. *Caribbean Journal of Science* 27:139-145.
- Estrada, A. R., and S. B. Hedges. 1996. At the Lower Size Limit in Tetrapods: A New Diminutive Frog from Cuba (Leptodactylidae: Eleutherodactylus). *Copeia* 1996:852.
- Estrada, A. R., and S. B. Hedges. 1997. A New Species of Frog from the Sierra Maestra, Cuba (Leptodactylidae, Eleutherodactylus). *Journal of Herpetology* 31:364.
- Estrada, A. R., and S. B. Hedges. 1997. Nueva especie de *Eleutherodactylus* (Anura: Leptodactylidae) del Macizo Sagua-Baracoa, Cuba. *Caribbean Journal of Science* 33:222-226.
- Estrada, A. R., L. M. Díaz, and A. Rodríguez. 1997. Nueva especie de *Eleutherodactylus* (Anura: Leptodactylidae) del litoral norte de La Habana. *Revista Española de Herpetología* 11:19-24.
- Eterovick, P. C. 1999. Use and sharing of calling and retreat sites by *Phyllodytes luteolus* in a modified environment. *Journal of Herpetology* 17-22.
- Eterovick, P. C., and A. D. M. Ferreira. 2008. Breeding Habitat and Microhabitat Choices by Male and Female Frogs: Are There Differences Between Sexes and Seasons? *Herpetologica* 64:397-405.
- Eterovick, P. C., and I. Sazima. 1998. New Species of *Proceratophrys* (Anura: Leptodactylidae) from Southeastern Brazil. *Copeia* 1998:159.
- Eterovick, P. C., and I. Sazima. 2004. Anfíbios da Serra do Cipó / Amphibians from the Serra do Cipó. Editora PUC Minas.
- Eterovick, P. C., I. S. Barros, and I. Sazima. 2002. Tadpoles of Two Species in the *Hyla polytaenia* Species Group and Comparison with Other Tadpoles of *Hyla polytaenia* and *Hyla pulchella* Groups (Anura, Hylidae). *Journal of Herpetology* 36:512-515.
- Eterovick, P. C., R. A. Brandão, and R. A. Brandao. 2001. A Description of the Tadpoles and Advertisement Calls of Members of the *Hyla pseudopseudis* Group. *Journal of Herpetology* 35:442.
- Eto, K., and M. Matsui. 2012. Field Observation of Egg-laying Behavior of a Puddle Frog *Occidozyga sumatrana* from Bali, Indonesia (Anura: Dicroglossidae). *Current Herpetology* 31:121-124.
- Evans, B. J., E. Greenbaum, C. Kusamba, T. F. Carter, M. L. Tobias, S. A. Mendel, and D. B. Kelley. 2010. Description of a new octoploid frog species (Anura: Pipidae: *Xenopus*) from the Democratic Republic of the Congo, with a discussion of the biogeography of African clawed frogs in the Albertine Rift. *Journal of Zoology* 283:276-290.
- Exbrayat, J. M. 2006. Modes of parity and oviposition. in J. M. Exbrayat, editor. Science Publishers Incorporated.

- Fabrezi, M. 2011. Heterochrony in Growth and Development in Anurans from the Chaco of South America. *Evolutionary Biology* 38:390–411.
- Fabrezi, M., and S. I. Quinzio. 2008. Morphological evolution in Ceratophryinae frogs (Anura, Neobatrachia): the effects of heterochronic changes during larval development and metamorphosis. *Zoological Journal of the Linnean Society* 154:752–780.
- Fabricante, K. M. B., O. M. Nuñez, and others. 2012. Diet and endoparasites of *Rana grandocula* (Amphibia, Ranidae) and *Limnonectes magnus* (Amphibia, Dicroglossidae) in Mt. Sambilikan, Diwata Range, Agusan del Sur, Philippines. *AES Bioflux* 4:113-121.
- Faivovich, J., C. F. B. Haddad, P. C. A. Garcia, D. R. Frost, J. A. Campbell, And W. C. Wheeler. 2005. Systematic review of the frog family Hylidae, with special reference to hylinae: phylogenetic analysis and taxonomic revision. *Bulletin of the American Museum of Natural History* 294:1.
- Faivovich, J., I. la Riva, and M. J. Lannoo. 2006. On “Hyla” chlorostea Reynolds and Foster, 1992, a hylid of uncertain relationships, with some comments on *Hyloscirtus* (Anura: Hylidae). *Copeia* 2006:785-791.
- Faivovich, J., J. Moravec, D. F. Cisneros-Heredia, and J. Köhler. 2006. A new species of the *Hypsiboas benitezi* group from the Western Amazon Basin (Amphibia: Anura: Hylidae). *Herpetologica* 62:96–108.
- Faivovich, J., L. Lugli, A. C. C. Lourenço, and C. F. B. Haddad. 2009. A New Species of the *Bokermannohyla martinsi* Group from Central Bahia, Brazil with Comments on *Bokermannohyla* (Anura: Hylidae). *Herpetologica* 65:303–310.
- Fandiño, M. C., H. Lüddecke, and A. Amézquita. 1997. Vocalisation and larval transportation of male *Colostethus subpunctatus* (Anura: Dendrobatidae). *Amphibia-Reptilia* 18:39-48.
- Fei, L. and Ye, C. 2000. A new hynobiid subfamily with a genus and new species of Hynobiidae from West China (Amphibia: Caudata). *Cultum Herpetologica Sinica* 8:64-70.
- Fei, L., and C. Ye. 2000. A new species of the genus *Paa* from southeast Xizang, China (Amphibia: Ranidae). *Dong wu xue bao. Acta zoologica Sinica* 47:226-230.
- Fei, L., and Y. Huang. 1990. An illustrated key to Chinese amphibians. Chongqing, China: Publishing House for Scientific and Technological Literature.
- Fei, L., C. Ye, F. Xie, J. Jiang, and others. 2008. A New Ranidae Frog Species from Sichuan, China-*Odorrana* (*Odorrana*) *nanjiangensis* (Ranidae: Anura). *Zoological Research* 28:551-555.
- Fei, L., C.-y. Ye, and R.-s. Yang. 1984. A new species and subspecies of the genus *Tylototriton* (Caudata: Salamandridae). *Acta Zoologica Sinica/ Dong wu xue bao. Beijing* 30:85–91.

- Fei, L., C.-Y. Ye, Y.-Z. Huang, M. Y. Liu, and others. 1999. Atlas of amphibians of China. Henan Science and Technology Press, China.
- Fei, L., Hu, S.-q., Ye, C.-y. and Huang, Y.-z. 2006. Fauna Sinica. Amphibia. Volume 1. General Accounts of Gymnophiona and Urodela. Beijing: Chinese Academy of Sciences. Science Press.
- Feio, R. N., M. F. Napoli, and U. Caramaschi. 2006. Considerações taxonômicas sobre *Thoropa miliaris* (Spix, 1824), com revalidação e redescrição de *Thoropa taophora* (Miranda-Ribeiro, 1923)(Amphibia, Anura, Leptodactylidae). Arquivos do Museu Nacional 64:41-60.
- Fenolio, D. B., M. E. Walvoord, J. F. Stout, J. E. Randrianirina, and F. Andreone. 2007. A new tree hole breeding *Anodonthyla* (Chordata: Anura: Microhylidae: Cophylinae) from low-altitude rainforests of the Masoala Peninsula, northeastern Madagascar. Proceedings of the Biological Society of Washington 120:86–98.
- Fernando, S. S., L. J. M. Wickramasingha, and R. K. Rodirigo. 2007. A new species of endemic frog belonging to genus *Nannophrys* Günther, 1869 (Anura: Dicroglossinae) from Sri Lanka. Zootaxa 1403:55-68.
- Ferrari, L., and M. Vaira. 2001. Advertisement call and breeding activity of *Physalaemus cuqui* (Lobo, 1993). Herpetological Bulletin 77:20-22.
- Ferreira, R. B., R. B. Dantas, and R. L. Teixeira. 2007. Reproduction and ontogenetic diet shifts in *Leptodactylus natalensis* (Anura, Leptodactylidae) from southeastern Brazil. Boletim do Museu de Biologia Mello Leitão 22:45-55.
- Ferreira, R. B., R. de B. Dantas, and J. F. R. Tonini. 2012. Spatial and seasonal distribution of amphibians in four ponds at mountainous region in southeastern of Brazil: influence of forest corridor. Iheringia. Série Zoologia 102:163-169.
- Ferreira, R. B., Schineider, J. A., and Teixeira, R. L. 2012. Diet, fecundity, and use of bromeliads by *Phyllodytes luteolus* (Anura: Hylidae) in southeastern Brazil. Journal of Herpetology, 46:19-24.
- Firneno Jr. and Thomas J. 2016. An integrative assessment of species boundaries in Mesoamerican toads (*Incilius coccifer* complex). Diss. Indiana University of Pennsylvania.
- Foden, W. B., S. H. M. Butchart, S. N. Stuart, J.-C. Vié, H. R. Akçakaya, A. Angulo, L. M. DeVantier, A. Gutsche, E. Turak, L. Cao, S. D. Donner, V. Katariya, R. Bernard, R. a. Holland, A. F. Hughes, S. E. O'Hanlon, S. T. Garnett, Ç. H. Şekercioğlu, and G. M. Mace. 2013. Identifying the World's Most Climate Change Vulnerable Species: A Systematic Trait-Based Assessment of all Birds, Amphibians and Corals. PLoS ONE 8:e65427.
- Fong, G. A., R. Alonso, and A. Rodríguez. 2009. *Eleutherodactylus dimidiatus* (NCN) and *E. intermedius* (NCN). Predator/prey. Herpetological Review 40:203-204.

- Formas, J. R., C. C. Cuevas, and J. J. Nuñez. 2006. A new species of *Telmatobius* (Anura: Leptodactylidae) from northern Chile. *Herpetologica* 62:173–183.
- Formas, J. R., E. Benavides, and C. Cuevas. 2003. A new species of *Telmatobius* (Anura: Leptodactylidae) from Río Vilama, Northern Chile, and the redescription of *T. Halli* noble. *Herpetologica* 59:253–270.
- Formas, J. R., I. Northland, J. Capetillo, J. J. Nuñez, C. Cuevas, and L. M. Brieva. 1999. *Telmatobius dankoi*, una nueva especie de rana acuática del norte de Chile (Leptodactylidae). *Revista Chilena de Historia Natural* 72:427–445.
- Formas, J. R., J. Nuñez, and C. Cuevas. 2008. Identidad de la rana austral chilena *Eupsophus coppingeri* (Amphibia, Anura, Neobatrachia): evidencias morfológicas, cromosómicas y moleculares. *Revista chilena de historia natural* 81:3–20.
- Formas, J. Ram., Jos. J. Nuñez, and L. M. Brieva. 2001. Osteología, taxonomía y relaciones filogenéticas de las ranas del género *Telmatobufo* (Leptodactylidae). *Revista chilena de historia natural* 74:365–387.
- Forti, L. R., and L. M. Castanho. 2012. Behavioural repertoire and a new geographical record of the torrent frog *Hylodes cardosoi* (Anura: Hylodidae). *Herpetological Bulletin* 121:17–22.
- Foufopoulos, J., and S. Richards. 2007. Amphibians and reptiles of New Britain Island, Papua New Guinea: diversity and conservation status. *Hamadryad* 31:176–201.
- Francillon-Vieillot, H., J. W. Arntzen, and J. Geraudie. 1990. Age, Growth and Longevity of Sympatric *Triturus cristatus*, *T. marmoratus* and Their Hybrids (Amphibia, Urodela): A Skeletochronological Comparison. *Journal of Herpetology* 24:13.
- Franz, R., and D. S. Lee. 1970. The ecological and biogeographical distribution of the tailed frog, *Ascaphus truei*, in the Flathead River drainage of northwestern Montana. *Bulletin of the Maryland Herpetological Society* 6:62–73.
- Freitas, E. B. de, C. B. De-Carvalho, R. G. Faria, R. de C. Batista, C. de C. Batista, W. A. Coelho, and A. Bocchiglieri. 2008. Nicho ecológico e aspectos da história natural de *Phyllomedusa azurea* (Anura: Hylidae, Phyllomedusinae) no Cerrado do Brasil Central. *Biota Neotropica* 8:101–110.
- Freitas, M. A., and T.F.S Silva. 2007. A Herpetofauna das Caatingas e áreas de altitude do Nordeste Brasileiro. Pelotas. União Sul-Americana de estudos da Biodiversidade. *Natural History* 39:3029–3037.
- Friedl, T. W. P., and G. M. Klump. 1997. Some aspects of population biology in the European treefrog, *Hyla arborea*. *Herpetologica* 53:321–330.
- Frogs of the United States and Canada. 2013. . Choice Reviews Online 51:51–2083.

- Fu, V. W. K., N. E. Karraker, and D. Dudgeon. 2013. Breeding Dynamics, Diet, and Body Condition of the Hong Kong Newt (*Paramesotriton hongkongensis*). *Herpetological Monographs* 27:1–22.
- Funk, W. C., A. Angulo, J. P. Caldwell, M. J. Ryan, and D. C. Cannatella. 2008. Comparison of Morphology and Calls of Two Cryptic Species of *Physalaemus* (Anura: Leiuperidae). *Herpetologica* 64:290–304.
- Funk, W. C., G. Fletcher-Lazo, F. Nogales-Sornosa, and D. Almeida-Reinoso. 2004. First description of a clutch and nest site for the genus *Caecilia* (Gymnophiona: Caeciliidae). *Herpetological Review* 35:128-130.
- G., A. F., J.-M. Hero, R. Viña, and I. Bignotte-Giró. 2009. Population Ecology of the Riparian Frog *Eleutherodactylus cuneatus* in Cuba. *Biotropica* 42:348–354.
- Gaborieau, O., and G. J. Measey. 2004. Termitivore or detritivore? A quantitative investigation into the diet of the East African caecilian *Boulengerula taitanus* (Amphibia: Gymnophiona: Caeciliidae). *Animal Biology* 54:45-56.
- Gagliardo, R., E. Griffith, R. Hill, H. Ross, J. R. Mendelson III, E. Timpe, and B. Wilson. 2010. Observations on the Captive Reproduction of the Horned Marsupial Frog *Gastrotheca cornuta* (Boulenger 1898). *Herpetological Review* 41:52-58.
- Gaiarsa, M. P., L. R. V. de Alencar, C. J. Dias, and M. Martins. 2012. Predator or prey? Predatory interactions between the frog *Cycloramphus boraceiensis* and the spider *Trechaleoides biocellata* in the Atlantic Forest of Southeastern Brazil. *Herpetology Notes* 5:67-68.
- Gaiga, R., C. Loiola, S. Mângia, and R. M. Pirani. 2013. Advertisement Call and Tadpoles of *Bokermannohyla vulcaniae* (Vasconcelos and Giaretta, 2003) (Amphibia: Anura: Hylidae). *South American Journal of Herpetology* 8:127–131.
- Gaige, H. T. 1926. A new frog from British Guiana. University of Michigan, Occasional Papers of the Museum Natural History:1-3.
- Gallardo, J. M. A. F. 1961. Three New Toads from South America: *Bufo Manicorensis* *Bufo Spinulosus* *Altiperuvianus* and *Bufo Quechua*. The Museum.
- Gally, M. C., and J. Zina. 2013. Reproductive behaviour of *Physalaemus kroyeri* (Anura: Leiuperidae) in the municipality of Jequié, state of Bahia. *Journal of Natural History* 47:1627–1644.
- Gans, C. 1961. The first record of egg laying in the caecilian *Siphonops paulensis* Boettger. *Copeia* 1961:490-491.
- Garcia-Paris M., B. Parra-Olea, and D. B. Wake. 2008. Description of a new species of the *Bolitoglossa subpalamata* group (Caudata: Plethodontidae) from Costa Rica. *Herpetological Journal*

18:23-31.

García, A., and G. Ceballos. 1994. Guía de campo de los reptiles y anfibios de la costa de Jalisco, México. Fundación Ecológica de Cuixmala-UNAM. 184 pp.

Garcia, P. C. A., and C. F. B. Haddad. 2008. Vocalizations and comments on the relationships of *Hypsiboas ericae* (Amphibia, Hylidae). *Iheringia, Sér. Zool.* 98:161–166.

Garcia, P. C. A., G. Vinciprova, and C. F. B. Haddad. 2003. The taxonomic status of *Hyla pulchella joaquinii* (Anura: Hylidae) with description of its tadpole and vocalization. *Herpetologica* 59:350–363.

Garcia, P. C. A., J. N. Faivovich, and C. F. B. Haddad. 2007. Redescription of *Hypsiboas semiguttatus*, with the Description of a New Species of the *Hypsiboas pulchellus* Group. *Copeia* 2007:933–949.

Garcia, P. C. A., O. L. Peixoto, and C. F. B. Haddad. 2008. A new species of *Hypsiboas* (Anura: Hylidae) from the atlantic forest of Santa Catarina, southern Brazil, with comments on its conservation status. *South American Journal of Herpetology* 3:27–35.

Garcia, P. C. A., U. Caramaschi, and A. Kwet. 2001. The taxonomic status of the *Hyla cochranae* Mertens and recharacterization of *Aplastodiscus* A. Lutz (Anura, Hylidae). *Revista Brasileira de Zoologia* 18:1197-1218.

Garcia, P. C. D. A., B. V. M. Berneck, and C. O. R. Da Costa. 2009. A New Species of *Paratelmatobius* (Amphibia, Anura, Leptodactylidae) from Atlantic Rain Forest of Southeastern Brazil. *South American Journal of Herpetology* 4:217–224.

Garda, A. A., G. C. Costa, F. G. R. França, and D. O. Mesquita. 2007. Ecology of *Lysapsus limellum* in the Brazilian Amazon river basin. *The Herpetological Journal* 17:141-148.

Gascon, C. 1991. Breeding of *Leptodactylus knudseni*: Responses to Rainfall Variation. *Copeia* 1991:248.

Giaretta, A. A., and H. C. M. Costa. 2007. A redescription of *Leptodactylus jolyi* Sazima and Bokermann (Anura, Leptodactylidae) and the recognition of a new closely related species. *Zootaxa* 1608:1-10.

Giaretta, A. A., and I. Sazima. 1993. Nova espécie de *Proceratophrys* Mir. Rib. do sul de Minas Gerais, Brasil (Amphibia, Anura, Leptodactylidae). *Revista Brasileira de Biologia* 53:13-19.

Giaretta, A. A., and K. G. Facure. 2004. Reproductive ecology and behavior of *Thoropa miliaris* (Spix, 1824) (Anura, Leptodactylidae, Telmatobiinae). *Biota Neotrop.* 4:1–9.

Giaretta, A. A., and K. G. Facure. 2006. Terrestrial and communal nesting in *Eupemphix nattereri*

- (Anura, Leiuperidae): interactions with predators and pond structure. *Journal of Natural History* 40:2577–2587.
- Giaretta, A. A., and K. G. Facure. 2008. Reproduction and habitat of ten Brazilian frogs (Anura). *Contemporary Herpetology* 3:1-4.
- Giaretta, A. A., and K. G. Facure. 2009. Habitat, egg-laying behaviour, eggs and tadpoles of four sympatric species of *Pseudopaludicola* (Anura, Leiuperidae). *Journal of Natural History* 43:995-1009.
- Giaretta, A. A., and M. N. de C. Kokubum. 2004. Reproductive ecology of *Leptodactylus furnarius* Sazima & Bokermann, 1978, a frog that lays eggs in underground chambers. *Herpetozoa* 16:115-126.
- Giaretta, A. A., and O. A. Jr. 1998. A New Species of *Megaelosia* from the Mantiqueira Range, Southeastern Brazil. *Journal of Herpetology* 32:80.
- Giaretta, A. A., M. Menin, K. G. Facure, M. N. de C. Kokubum, and J. C. de Oliveira Filho. 2008. Species richness, relative abundance, and habitat of reproduction of terrestrial frogs in the Triângulo Mineiro region, Cerrado biome, southeastern Brazil. *Iheringia. Série Zoologia* 98:181-188.
- Giaretta, A., and L. Magrini. 2013. Calls of *Paratelmatobius gaigeae* (Cochran 1938)(Anura, Leptodactylidae). *Herpetology Notes* 6:171-176.
- Giaretta, A., and L. Martins. 2009. Notes on the call and behavior of *Arcovomer passarellii* (Anura: Microhylidae). *Herpetology Notes* 2:91-93.
- Gillespie, G. R. 2011. Life History Variation in the Spotted Tree Frog, *Litoria spenceri* (Anura: Hylidae), from Southeastern Australia. *Herpetologica* 67:10–22.
- Gillespie, G. R., D. Lockie, M. P. Scroggie, and D. T. Iskandar. 1999. Habitat use by stream-breeding frogs in south-east Sulawesi, with some preliminary observations on community organization. *J. Trop. Ecol.* 20:439–448.
- Giri, V., D. J. Gower, and M. Wilkinson. 2004. A new species of *Indotyphlus* Taylor (Amphibia: Gymnophiona: Caeciliidae) from the Western Ghats, India. *Zootaxa* 739:1-19.
- Gitlin, D. 1944. The Development of *Eleutherodactylus portoricensis*. *Copeia* 1944:91.
- Glaw, F., and B. Thiesmeier. 1993. Bioakustische Differenzierung in der *Boophis-luteus*-Gruppe (Anura: Rhacophoridae), mit Beschreibung einer neuen Art und einer neuen Unterart. *Salamandra* 28:258-269.
- Glaw, F., and M. Vences. 1993. Zur Bioakustik, Biologie und Systematik der Gattung *Heterixalus* aus Madagaskar (Anura: Hyperoliidae). *Salamandra* 29:212-230.

- Glaw, F., and M. Vences. 2002. A new cryptic treefrog species of the *Boophis luteus* group from Madagascar: bioacoustic and genetic evidence. *Spixiana* 25:173-181.
- Glaw, F., and M. Vences. 2007. A field guide to the amphibians and reptiles of Madagascar. Vences & Glaw.
- Glaw, F., J. Koehler, I. la Riva, D. R. Vieites, and M. Vences. 2010. Integrative taxonomy of Malagasy treefrogs: combination of molecular genetics, bioacoustics and comparative morphology reveals twelve additional species of *Boophis*. *Zootaxa* 2383:82.
- Glaw, F., J. Köhler, and M. Vences. 2011. New Species of *Gephyromantis* from Marojejy National Park, Northeast Madagascar. *Journal of Herpetology* 45:155–160.
- Glime, J. M. 2013. Anurans: Waterfalls, Treefrogs, and Mossy Habitats. in J. M. Glime, editor. *Bryophyte Ecology*. Michigan Technological University and the International Association of Bryologists.
- Glos, J. 2003. The amphibian fauna of the Kirindy dry forest in western Madagascar. *Salamandra* 39:75-90.
- Glos, J. 2006. Amphibian communities of the dry forest of Western Madagascar: taxonomy, ecology and conservation. Julius-Maximilians-Universität Würzburg.
- Glos, J., and K. E. Linsenmair. 2005. Description of the tadpoles of *Boophis doulioti* and *B. xerophilus* from Western Madagascar with notes on larval life history and breeding ecology. *Amphibia-Reptilia* 26:459–466.
- Goin, C. J., G. B. Rabb, L. Giovannoli, and others. 1955. Description of a new subspecies of the frog *Eleutherodactylus ricordi* from the Bahama Islands. *American Museum novitates* 1708:1-7.
- Goin, O. B., and C. J. Goin. 1962. Amphibian Eggs and the Montane Environment. *Evolution* 16:364.
- Gomez-Mestre, I., and K. M. Warkentin. 2007. To hatch and hatch not: similar selective trade-offs but different responses to egg predators in two closely related, syntopic treefrogs. *Oecologia* 153:197–206.
- Gonzales, L., S. Lötters, and S. Reichle. 1999. On the dendrobatid frogs from Bolivia, rediscovery of *Epipedobates bolivianus* (Boulenger, 1902), first record of *Colostethus brunneus* (Cope, 1887) and comments on other species (Anura: Dendrobatidae). *Herpetozoa* 12:179-186.
- González-Duran, G., and P. D. A. Gutiérrez-Cárdenas. 2013. *Leptodactylus savagei* (Savage's thin-toed frog). *Prey. Herpetological Review* 44:294-295.
- Gordon, R. E. 1952. A Contribution to the Life History and Ecology of the Plethodontid Salamander

- Aneides aeneus (Cope and Packard). American Midland Naturalist 47:666-701.
- Gordon, R. E., and R. L. Smith. 1949. Notes on the Life History of the Salamander *Aneides aeneus*. Copeia 1949:173.
- Goris, R.C. and Maeda, N. 2004. Guide to the Amphibians and Reptiles of Japan. Krieger Publishing Company, Malabar, Florida.
- Gower, D. J., A. Rajendran, R. A. Nussbaum, and M. Wilkinson. 2008. A New Species of *Uraeotyphlus* (Amphibia: Gymnophiona: Uraeotyphlidae) of the Malabaricus Group. Herpetologica 64:235–245.
- Gower, D. J., M. Dharne, G. Bhatta, V. Giri, R. Vyas, V. Govindappa, O. V Oommen, J. George, Y. Shouche, and M. Wilkinson. 2007. Remarkable genetic homogeneity in unstriped, long-tailed *Ichthyophis* along 1500 km of the Western Ghats, India. Journal of Zoology 272:266-275.
- Gower, D. J., M. Wilkinson, E. Sherratt, and P. J. R. Kok. 2010. A new species of *Rhinatrema* Duméril & Bibron (Amphibia: Gymnophiona: Rhinatrematidae) from Guyana. Zootaxa 2391:47-60.
- Gower, D. J., V. Giri, M. S. Dharne, and Y. S. Shouche. 2008. Frequency of independent origins of viviparity among caecilians (Gymnophiona): evidence from the first 'live-bearing' Asian amphibian. Journal of Evolutionary Biology 21:1220–1226.
- Grach, C., Y. Plessner, and Y. L. Werner. 2007. A new, sibling, tree frog from Jerusalem (Amphibia: Anura: Hylidae). Journal of Natural History 41:709–728.
- Graf, T. U., D. Preiner, M. Szatcshny, R. Kasah, J. M. Dehling, S. Proksch, and W. Hödl. 2012. Multimodal Communication in a Noisy Environment: A Case Study of the Bornean Rock Frog *Staurois parvus*. PLoS ONE 7:e37965.
- Gramapurohit, N. P., B. A. Shanbhag, and S. K. Saidapur. 2004. Growth, sexual maturation and body size dimorphism in the Indian bullfrog, *Hoplobatrachus tigerinus* (Daud). Herpetologica 60:414–419.
- Grandison, A. G. C. 1978. The occurrence of *Nectophrynoides* (Anura Bufonidae) in Ethiopia. A new concept of the genus with a description of a new species: pubblicazioni del centro di studio per la faunistica ed ecologia tropicali del cnr: clviii. Monitore Zoologico Italiano. Supplemento 11:119-172.
- Grandison, A. G. C. 1980. Aspects of breeding morphology in *Mertensophryne micranotis* (Anura: Bufonidae): secondary sexual characters, eggs and tadpole. Bulletin of the British Museum (Natural History) 39:299-304.
- Grant, T. 1998. Una nueva especie de *Colostethus* del grupo *edwardsi* de Colombia. Revista de la Academia Colombiana de Ciencias Exactas, Físicas y Naturales 22:423-428.

- Grant, T. 2004. On the Identities of *Colostethus inguinalis* (Cope, 1868) and *C. panamensis* (Dunn, 1933), with Comments on *C. latinasus* (Cope, 1863) (Anura: Dendrobatidae). *American Museum Novitates* 3444:1–24.
- Grant, T. 2007. A new, toxic species of *Colostethus* (Anura: Dendrobatidae: Colostethinae) from the Cordillera Central of Colombia. *Zootaxa* 1555:39–51.
- Grant, T., A. Acosta, and M. Rada. 2007. A Name for the Species of *Allobates* (Anura: Dendrobatoidea: Aromobatidae) from the Magdalena Valley of Colombia. *Copeia* 2007:844–854.
- Grant, T., and C. W. Myers. 2013. Review of the frog genus *Silverstoneia*, with descriptions of five new species from the Colombian Chocó (Dendrobatidae: Colostethinae). *American Museum Novitates*:1–58.
- Grant, T., and F. Castro. 1998. The cloud forest *Colostethus* (Anura, Dendrobatidae) of a region of the Cordillera Occidental of Colombia. *Journal of Herpetology* 32:378–392.
- Grant, T., and F. Castro. 1998. The cloud forest *Colostethus* (Anura, Dendrobatidae) of a region of the Cordillera Occidental of Colombia. *Journal of Herpetology* 32:378–392.
- Grant, T., and L. O. Rodríguez. 2001. Two New Species of Frogs of the Genus *Colostethus* (Dendrobatidae) from Peru and a Redescription of *C. trilineatus* (Boulenger, 1883). *American Museum Novitates* 3355:1–24.
- Grant, T., and M. C. Ardila-Robayo. 2002. A new species of *Colostethus* (Anura: Dendrobatidae) from the eastern slopes of the Cordillera Oriental of Colombia. *Herpetologica* 58:252–260.
- Grant, T., and M. C. Ardila-Robayo. 2002. A new species of *Colostethus* (Anura: Dendrobatidae) from the eastern slopes of the Cordillera Oriental of Colombia. *Herpetologica* 58:252—260.
- Grant, T., D. R. Frost, J. P. Caldwell, R. O. N. Gagliardo, C. F. B. Haddad, P. J. R. Kok, D. B. Means, B. P. Noonan, W. E. Schargel, and W. C. Wheeler. 2006. Phylogenetic systematics of dart-poison frogs and their relatives (Amphibia: Athesphatanura: Dendrobatidae). *Bulletin of the American Museum of natural History* 299:1–262.
- Grant, T., E. C. Humphrey, and C. W. Myers. 1997. The median lingual process of frogs: a bizarre character of Old World ranoids discovered in South American dendrobatids. *American Museum Novitates*.
- Gray, L. A., J. C. O-Reilly, and K. C. Nishikawa. 1997. Evolution of forelimb movement patterns for prey manipulation in anurans. *The Journal of Experimental Zoology* 277:417–424.
- Gray, R. H. 1983. Seasonal, annual and geographic variation in color morph frequencies of the Cricket Frog, *Acris crepitans*, in Illinois. *Copeia*:300–311.

- Graybeal, A., and D. C. Cannatella. 1995. A new taxon of Bufonidae from Peru, with descriptions of two new species and a review of the phylogenetic status of supraspecific bufonid taxa. *Herpetologica* 51:105-131.
- Green, D. M. 2003. Rocky Mountain tailed frog, *Ascaphus montanus*. Grzimek's Animal Life Encyclopedia, Volume 6, Amphibians. 2nd edition. M. Hutchins, W. E. Duellman, and N. Schlager, eds., Gale Group, Farmington Hills, Michigan.
- Green, D. M. 2014. Implications of female body-size variation for the reproductive ecology of an anuran amphibian. *Ethology Ecology & Evolution* 27:173-184.
- Green, N. B. 1952. A Study of the life history of *Pseudacris brachyphona* (Cope) in West Virginia with special reference to behavior and growth of marked individuals. Doctoral dissertation, The Ohio State University.
- Greenbaum, E. 2004 A new species of *Bolitoglossa* (Amphibia:Caudata:Plathodontidae) from montane forests in Guatemala and El Salvador. *Journal of Herpetology* 38:411-421.
- Greenlees, M. J., B. L. Phillips, and R. Shine. 2010. Adjusting to a toxic invader: native Australian frogs learn not to prey on cane toads. *Behavioral Ecology* 21:966–971.
- Greer, A., and A. Mills. 1998. Observations on the biology of the Bleating Tree Frog *Litoria dentata* (Anura: Hylidae), made on a single population in Sydney, New South Wales. *Australian Zoologist* 30:383–386.
- Grismer, L. L. 2006. A new species of *Ansonia* Stoliczka, 1870 (Anura: Bufonidae) from a lowland rainforest in southern peninsular Malaysia. *Herpetologica* 62:466-475.
- Grismer, L.L. 2002. *Amphibians and Reptiles of Baja California, including its pacific islands in the sea of Cortés*. University of California Press, Berkeley, California. 399 pp.
- Grosjean, S. 2011. Description of the advertisement calls of nine species of *Fejervarya* Bolker, 1915 and *Minervarya* Dubois, Ohler and Biju, 2001 from China, India and Nepal. *Alytes* 27:117-141.
- Guarino, F. M., F. Andreone, P. de Pous, A. Crottini, and M. Mezzasalma. 2011. Age structure and growth in a population of *Pelobates varaldii* (Anura, Pelobatidae) from northwestern Morocco. *Amphibia-Reptilia* 32:550–556.
- Guarino, F. M., G. Tessa, V. Mercurio, and F. Andreone. 2010. Rapid sexual maturity and short life span in the blue-legged frog and the rainbow frog from the arid Isalo Massif, southern-central Madagascar. *Zoology* 113:378–384.
- Guarino, F. M., S. Lunardi, M. Carlomagno, and S. Mazzotti. 2003. A skeletochronological study of growth, longevity, and age at sexual maturity in a population of *Rana latastei* (Amphibia, Anura).

Journal of Bioscience 28:775-782.

Guarnizo, C. E., C. Escallón, D. Cannatella, and A. Amézquita. 2012. Congruence Between Acoustic Traits and Genealogical History Reveals a New Species of *Dendropsophus* (Anura: Hylidae) in the High Andes of Colombia. *Herpetologica* 68:523–540.

Guayara-Barragán, M. G., and M. H. Bernal. 2012. Fecundidad y fertilidad en once especies de anuros colombianos con diferentes modos reproductivos. *Caldasia* 34:483-496.

Guayasamin, J. M. 2007. Phylogeny, taxonomy, character evolution, and biogeography of glassfrogs (Amphibia: Centrolenidae). Dissertation University of Kansas.

Guayasamin, J. M., and E. Bonaccorso. 2004. A new species of glass frog (Centrolenidae: *Cochranella*) from the lowlands of Northwestern Ecuador, with comments on the *Cochranella granulosa* group. *Herpetologica* 60:485–494.

Guayasamin, J. M., S. R. Ron, D. F. Cisneros-Heredia, W. Lamar, and S. F. McCracken. 2006. A new species of frog of the *eleutherodactylus lacrimosus* assemblage (leptodactylidae) from the Western Amazon Basin, with comments on the utility of canopy surveys in lowland rainforest. *Herpetologica* 62:191–202.

Guenther, R., B. Stelbrink, and T. von Rintelen. 2012. Three new species of *Callulops* (Anura: Microhylidae) from western New Guinea. *Vertebrate Zoology* 62:407-423.

Guibé, J. 1974. Batraciens nouveaux de Madagascar. *Bulletin du Muséum national d'Histoire Naturelle, Paris* 3:171.

Guimarães, T. C., de Figueiredo, G. B., Mesquita, D. O., & Vasconcellos, M. M. (2011). Ecology of *Hypsiboas albopunctatus* (Anura: Hylidae) in a neotropical savanna. *Journal of Herpetology*, 45(2), 244-250.

Gül, S., K. Olgun, B. Kutrup, N. özdemir, and N. üzüm. 2011. Body size and age structure of *Pelophylax ridibundus* populations from two different altitudes in Turkey. *Amphibia-Reptilia* 32:287–292.

Günther, A. C. L. G. 1868. First account of species of tailless batrachians added to the collection of the British Museum. *Smith* II:478-490.

Günther, R. 2000. *Albericus laurini* species nova, the first record of the genus *Albericus* (Anura, Microhylidae) from the west of New Guinea. *Zoosystematics and Evolution* 76:167–174.

Günther, R. 2003. Sexual colour dimorphism in ranid frogs from New Guinea: Description of two new species (Amphibia, Anura, Ranidae). *Zoosystematics and Evolution* 79:207–227.

Günther, R. 2004. Description of a new treefrog species from western New Guinea showing

extreme colour polymorphism (Anura, Hylidae, Litoria). *Zoosystematics and Evolution* 80:251–259.

Günther, R. 2006. A remarkable new species of the genus *Litoria* (Amphibia, Anura, Hylidae) from north-western New Guinea. *Zoosystematics and Evolution* 82:179-190.

Gunther, R. 2006. Derived reproductive modes in New Guinean anuran amphibians and description of a new species with paternal care in the genus *Callulops* (Microhylidae). *J Zoology* 268:153–170.

Günther, R. 2008. Two new hylid frogs (Anura: Hylidae: Litoria) from western New Guinea. *Vertebrate Zoology* 58:83.

Günther, R., and S. J. Richards. 2005. Two new tree-dwelling species of the genus *Xenorhina* from New Guinea (Anura, Microhylidae). *Zoosystematics and Evolution* 81:167-176.

Günther, R., B. Stelbrink, and T. von Rintelen. 2010. *Oninia senglaubi*, another new genus and species of frog (Amphibia, Anura, Microhylidae) from New Guinea. *Zoosystematics and Evolution* 86:245–256.

Günther, R., S. J. Richards, and D. Iskandar. 2001. Two new species of the genus *Oreophryne* from Irian Jaya, Indonesia. *Spixiana* 24:257-274.

Guppy, H. B., and G. A. Boulenger. 1884. Diagnoses of new Reptiles and Batrachians from the Solomon Islands, collected and presented to the British Museum by. *Proceedings of the Zoological Society of London* 52:210–213.

Gururaja, K. V, and T. V Ramachandra. 2006. *Pedostibes tuberculosus* (Malabar tree toad) Advertisement call and distribution. *Herpetological Review* 37:75-76.

Gururaja, K. V., K. P. Dinesh, H. Priti, and G. Ravikanth. 2014. Mud-packing frog: A novel breeding behaviour and parental care in a stream dwelling new species of *Nyctibatrachus* (Amphibia, Anura, Nyctibatrachidae). *Zootaxa* 3796:33-61.

Guyer, C., and M. Donnelly. 2005. Amphibians and reptiles of La Selva, Costa Rica, and the Caribbean slope: a comprehensive guide. *Choice Reviews Online*. American Library Association.

Guyer, C., and S. Boback. 2011. Auburn University, COSAM collections: reptiles and amphibians project databases. Accessed nov, 4 2013 at:

http://www.auburn.edu/academic/science_math/cosam/collections/reptiles_amphibians/projects/vertbodysize.htm.

Gvoždík, V., J. Moravec, C. Klütsch, and P. Kotlík. 2010. Phylogeography of the Middle Eastern tree frogs (*Hyla*, Hylidae, Amphibia) as inferred from nuclear and mitochondrial DNA variation, with a description of a new species. *Molecular Phylogenetics and Evolution* 55:1146–1166.

- Haas, W., and G. Köhler. 1997. Freilandbeobachtungen, Pflege und Zucht von *Bufo luetkenii* Boulenger, 1891. Field observations and care and breeding of *Bufo luetkenii* Boulenger, 1891. *Herpetofauna* (Weinstadt). 19:5-9.
- Haddad, C. F. B., et al. 2016. Avaliação do Risco de Extinção de *Cycloramphus asper* Werner, 1899. Processo de avaliação do risco de extinção da fauna brasileira. ICMBio. <http://www.icmbio.gov.br/portal/biodiversidade/fauna-brasileira/estado-de-conservacao/7848-anfibios-pristimantis-reichlei.html>
- Haddad, C. F. B., and I. Sazima. 1989. A new species of *Cycloramphus* from southeastern Brazil (Amphibia: Leptodactylidae). *Herpetologica* 45:425-429.
- Haddad, C. F. B., and J. P. Pombal Jr. 1995. A new species of *Hylodes* from southeastern Brazil (Amphibia: Leptodactylidae). *Herpetologica*:279-286.
- Haddad, C. F. B., and J. P. Pombal. 1998. Redescription of *Physalaemus spiniger* (Anura: Leptodactylidae) and Description of Two New Reproductive Modes. *Journal of Herpetology* 32:557.
- Haddad, C. F. B., and M. Martins. 1994. Four species of Brazilian poison frogs related to *Epipedobates pictus* (Dendrobatidae): taxonomy and natural history observations. *Herpetologica*:282-295.
- Haddad, C. F. B., and R. J. Sawaya. 2000. Reproductive Modes of Atlantic Forest Hylid Frogs: A General Overview and the Description of a New Mode1. *Biotropica* 32:862-871.
- Haddad, C. F. B., L. F. Toledo, C. P. A. Prado, D. Loebmann, J. L. Gasparini, and I. Sazima. 2013. Guia dos Anfíbios da Mata Atlântica: diversidade e biologia. Anolisbook, São Paulo, 544p.
- Haddad, C. F. B., P. C. A. Garcia, and J. P. Pombal Jr. 2003. Redescrição de *Hylodes perplicatus* (Miranda-Ribeiro, 1926)(Amphibia, Anura, Leptodactylidae). *Arquivos do Museu Nacional* 61:245-254.
- Hamidy, A., and M. Matsui. 2010. A new species of blue-eyed *Leptobrachium* (Anura: Megophryidae) from Sumatra, Indonesia. *Zootaxa* 2395:34-44.
- Han, X., and J. Fu. 2013. Does life history shape sexual size dimorphism in anurans? A comparative analysis. *BMC evolutionary biology* 13:1-11.
- Hanken, J., and D. B. Wake. 1994. Five new species of minute salamanders, genus *Thorius* (Caudata: Plethodontidae), from Northern Oaxaca, Mexico. *Copeia* 1994:573-590.
- Hanken, J., and D. B. Wake. 1998. Biology of the tiny animals: Systematics of the minute salamanders (*Thorius*: Plethodontidae) from Veracruz and Puebla, Mexico, with descriptions of five new species. *Copeia* 1998:312-345.

- Hanken, J., D. B. Wake, and J. M. Savage. 2005. A Solution to the Large Black Salamander Problem (Genus *Bolitoglossa*) in Costa Rica and Panamá. *Copeia* 2005:227-245.
- Hanken, J., D. B. Wake, and J. M. Savage. 2007. Montane Salamanders from the Costa Rica/Panamá Border Region, with Descriptions of Two New Species of *Bolitoglossa*. *Copeia* 2007:556-565.
- Hanken, J., Wake, D. B., and Savage, J. M. 2005. A solution to the large black salamander problem (genus *Bolitoglossa*) in Costa Rica and Panamá. *Copeia*:227-245.
- Haramura, T. 2007. Salinity Tolerance of Eggs of *Buergeria japonica* (Amphibia, Anura) Inhabiting Coastal Areas. *Zoological Science* 24:820–823.
- Hardy, L. M., and A. C. Crnkovic. 2006. Diet of amphibians and reptiles from the Engare Ondare river region of central Kenya, during the dry season. *African Journal of Herpetology* 55:143–159.
- Hardy, L. M., and R. W. MacDiarmid. 1969. The Amphibians and Reptiles of Sinoloa México. University of Kansas.
- Harpalani, M., A. Kanagavel, and B. Tapley. 2015. Notes on breeding and behaviour in the Anamalai Dot Frog *Ramanella anamalaiensis* Rao, 1937. *Herpetology Notes* 8:221-225.
- Harper, E. B., and I. Swilla. 2010. Field guide to the amphibians of the Eastern Arc Mountains and Coastal Forests of Tanzania and Kenya. Citeseer, Nairobi, Kenya.
- Harper, E., J. R. Vonesh, and J. R. Vonesh. 2003. Field Guide to the Amphibians of the East Usambara Mountains Preliminary Draft.
- Harrison, J. R., and S. I. Guttman. 2003. A new species of *Eurycea* (Caudata: Plethodontidae) from North and South Carolina. *Southeastern Naturalist* 2:159–178.
- Harvey, M. B., and C. M. Sheehy. 2005. A new species of *Ischnocnema* (Anura: Leptodactylidae) from La Paz, Bolivia. *Herpetologica* 61:268–275.
- Hassine, J. Ben, A. Kassabi, and S. Nouria. 2013. *Pleurodeles nebulosus* (Guichenot, 1850) en Tunisie: répartition, habitat, reproduction et statut. *Bull. Soc. Herpetol. Fr* 144:51-66.
- Hasumi, M. 2010. Age, Body Size, and Sexual Dimorphism in Size and Shape in *Salamandrella keyserlingii* (Caudata: Hynobiidae). *Evolutionary Biology* 37:38–48.
- Hauselberger, K. F., and R. A. Alford. 2005. Effects of season and weather on calling in the australian microhylid frogs *Austrochaperina robusta* and *Cophixalus ornatus*. *Herpetologica* 61:349–363.
- Hearnden, M. 1991. The reproductive and larval ecology of *Bufo marinus* (Anuran: Bufonidae). James Cook University of Queensland Australia.

- Hecht, V. L., C. T. Pham, T. T. Nguyen, T. Q. Nguyen, M. Bonkowski, and T. Ziegler. 2013. First report on the herpetofauna of Tay Yen Tu Nature Reserve, northeastern Vietnam. *Biodiversity Journal* 4:507-552.
- Hedges, B. and R. Thomas. 2010. *Eleutherodactylus rhodesi*. The IUCN Red List of Threatened Species 2010: e.T56909A11550201. <http://dx.doi.org/10.2305/IUCN.UK.2010-2.RLTS.T56909A11550201.en>.
- Hedges, B., S. Inchaustegui and R. Powell. 2004. *Eleutherodactylus haitianus*. The IUCN Red List of Threatened Species 2004: <http://dx.doi.org/10.2305/IUCN.UK.2004.RLTS.T56645A11513172.ene.T56645A11513172>.
- Hedges, S. B. 1988. A New Diminutive Frog from Hispaniola (Leptodactylidae: Eleutherodactylus). *Copeia* 1988:636.
- Hedges, S. B. 1992. A Reconsideration of Two Montane Species of Eleutherodactylus in Hispaniola (Anura: Leptodactylidae). *Caribbean Journal of Science* 28:11-16.
- Hedges, S. B., A. R. Estrada, and R. Thomas. 1992. Three New Species of Eleutherodactylus from Eastern Cuba, with Notes on Vocalizations of Other Species (Anura: Leptodactylidae). *Herpetological Monographs* 6:68.
- Hedges, S. B., and R. Thomas. 1987. A new burrowing frog from Hispaniola with comments on the inoptatus group of the genus Eleutherodactylus (Anura: Leptodactylidae). *Herpetologica* 43:269-279.
- Hedges, S. B., and R. Thomas. 1992a. Two new species of Eleutherodactylus from remnant cloud forest in Haiti (Anura: Leptodactylidae). *Herpetologica* 48:351-358.
- Hedges, S. B., and R. Thomas. 1992b. A new marsh-dwelling species of Eleutherodactylus from Haiti (Anura: Leptodactylidae). *Journal of Herpetology*:191-195.
- Hedges, S. B., L. González, and A. R. Estrada. 1995. Rediscovery of the Cuban frogs Eleutherodactylus cubanus and E. turquinensis (Anura: Leptodactylidae). *Caribbean Journal of Science* 31:327-332.
- Hedges, S. B., R. Thomas, and R. Franz. 1987. A new species of Eleutherodactylus (Anura, Leptodactylidae) from the Massif de la Hotte, Haiti. *Copeia* 4:943-949.
- Hedges, S. B., W. E. Duellman, and M. P. Heinicke. 2008. New World direct-developing frogs (Anura: Terrarana): molecular phylogeny, classification, biogeography, and conservation. Magnolia Press.
- Heinermann, J., A. Rodríguez, O. Segev, D. Edmonds, R. Dolch, and M. Vences. 2015. Year-round activity patterns in a hyperdiverse community of rainforest amphibians in Madagascar. *Journal of*

Natural History 49:2213–2231.

Henderson, R. W., and R. Powell. 2009. Natural History of West Indian Amphibians and Reptiles. University Press of Florida, Gainesville.

Hendrickson, J. R. 1954. Ecology and systematics of salamanders of the genus *Batrachoseps*. Smith II 54:1-46.

Hendrix, R., Q. T. Nguyen, W. Böhme, and T. Ziegler. 2008. New anuran records from Phong Nha-Ke Bang National Park, Truong Son, central Vietnam. *Herpetology Notes* 1:23-31.

Hernández-Guzmán, J., J. L. Hernández-De la Cruz and J. A. Hernández-Velázquez. 2012. Ocurrencia de la salamandresa *Bolitoglossa mexicana* (Caudata: Plethodontidae) en la planicie de Tabasco en el sureste de México. *Acta Zoológica Mexicana*. 28:617-620.

Hero, J.-M., S. E. Williams, and W. E. Magnusson. 2005. Ecological traits of declining amphibians in upland areas of eastern Australia. *J. Zoology* 267:221.

Herrejón, G.D.A. 2013. Dieta de *Ambystoma amblycephalum* (Taylor 1940). Tesis de licenciatura. Facultad de Biología. UMSNH.

Herrmann, H.-W., A. Schmitz, P. A. Herrmann, and W. Böhme. 2007. Amphibians and reptiles of the Tchabal Mbabo mountains, Adamaoua plateau, Cameroon. *Bonner Zoologische Beiträge* 55:27-35.

Herrmann, H.-W., P. A. Herrmann, A. Schmitz, and W. Böhme. 2004. A new frog species of the genus *Cardioglossa* from the Tchabal Mbabo Mtns, Cameroon. *Herpetozoa* 17:119-125.

Hertz, A., F. Hauenschild, S. Lotzkat, and G. Koehler. 2012. A new golden frog species of the genus *Diasporus* (Amphibia, Eleutherodactylidae) from the Cordillera Central, western Panama. *ZooKeys* 196:23–46.

Heyer, W. R. 1977. Taxonomic notes on frogs from the Madeira and Purus rivers, Brasil. *Papéis Avulsos de Zoologia* 31:141-162.

Heyer, W. R. 1983. Variation and systematics of frogs of the Genus *Cycloramphus* (Amphibia, Leptodactylidae). *Arq. Zool.* 30:235.

Heyer, W. R. 1983a. Notes on the frog genus *Cycloramphus* (Amphibia: Leptodactylidae), with descriptions of two new species. *Proceedings of the Biological Society of Washington* 96:548-559.

Heyer, W. R. 1983b. Clarification of the names *Ranamystacea* Spix, 1824, *Leptodactylus amazonicus* Heyer, 1978 and a description of a new species, *Leptodactylus spixii* (Amphibia: Leptodactylidae). *Proceedings of the Biological Society of Washington* 96:270-272.

Heyer, W. R. 1988. A notable collection of *Cycloramphus* (Amphibia: Leptodactylidae) from Bahia,

- Brazil, with a description of a new species (*Cycloramphus migueli*). *Proceedings of the Biological Society of Washington* 101:151-154.
- Heyer, W. R. 1994. Variation within the *Leptodactylus podicipinus-wagneri* complex of frogs (Amphibia: Leptodactylidae). *Smithsonian Contributions to Zoology*:i-124.
- Heyer, W. R. 1995. South American rocky habitat *Leptodactylus* (Amphibia: Anura: Leptodactylidae) with description of two new species. *Proceedings-Biological Society of Washington* 108:695-716.
- Heyer, W. R. 2000. The lectotype of *Cystignathus hylodes* Reinhardt and Lütken, 1862. *Journal of Herpetology*:150-153.
- Heyer, W. R. 2005. Variation and taxonomic clarification of the large species of the *Leptodactylus pentadactylus* species group (Amphibia: Leptodactylidae) from Middle America, Northern South America, and Amazonia. *Arq. Zool.* 37:269.
- Heyer, W. R., A. S. Rand, C. A. G. da Cruz, O. L. Peixoto, and C. E. Nelson. 1990. Frogs of Boracéia. *Arquivos de zoologia* 31:231-410.
- Heyer, W. R., and C. Gascon. 1995. Collection Notes and Call Characteristics for *Ischnocnema quixensis* and *Phyzelaphryne miriamae* (Amphibia: Anura: Leptodactylidae). *Journal of Herpetology* 29:304.
- Heyer, W. R., and F. A. Junca. 2003. *Leptodactylus caatingae*, a new species of frog from eastern Brazil (Amphibia: Anura: Leptodactylidae). *Proceedings-Biological Society of Washington* 116:317-329.
- Heyer, W. R., and M. M. Heyer. 2012. Systematics, distribution, and bibliography of the frog *Leptodactylus validus* Garman, 1888 (Amphibia: Leptodactylidae). *Proceedings of the Biological Society of Washington* 125:276-294.
- Heyer, W. R., and R. I. Crombie. 1979. Natural history notes on *Craspedoglossa stejnegeri* and *Thoropa petropolitana* (Amphibia: Salientia, Leptodactylidae). *Journal of the Washington Academy of Sciences* 69:17-20.
- Hilje, B., and T. M. Aide. 2012. Calling activity of the common tink frog (*Diasporus diastema*)(Eleutherodactylidae) in secondary forests of the Caribbean of Costa Rica. *Tropical Conservation Science* 5:25-37.
- Hillis, D. M., D. A. Chamberlain, T. P. Wilcox, and P. T. Chippindale. 2001. A new species of subterranean blind salamander (Plethodontidae: Hemidactyliini: Eurycea: Typhlomolge) from Austin, Texas, and a systematic revision of central Texas paedomorphic salamanders. *Herpetologica*:266-280.

- Hirai, T., and M. Matsui. 2000. Myrmecophagy in a Ranid Frog *Rana rugosa*. Specialization or Weak Avoidance to Ant Eating? *Zoological science* 17:459–466.
- Hirschmann, W., and W. Hödl. 2006. Visual signaling in *Phrynobatrachus krefftii* Boulenger, 1909 (Anura: Ranidae). *Herpetologica* 62:18–27.
- Höbel, G. 1999. Notes on the natural history and habitat use of *Eleutherodactylus fitzingeri* (Anura: Leptodactylidae). *Amphibia-Reptilia* 20:65-72.
- Höbel, G. 2000. Reproductive ecology of *Hyla rosenbergi* in Costa Rica. *Herpetologica*:446-454.
- Hödl, W. 1990. Reproductive diversity in Amazonian lowland frogs. *Fortschritte der Zoologie* 38:41-60.
- Hollis, G. J. 2004. Ecology and conservation biology of the Baw Baw Frog *Philoria frosti* (Anura: Myobatrachidae): distribution, abundance, autoecology and demography. Department of Zoology, University of Melbourne.
- Hoogmoed, M. S. 1969. Notes on the herpetofauna of Surinam: II. On the occurrence of *Allophryne ruthveni* Gaige (Amphibia, Salientia, Hylidae) in Surinam. *Zoologische Mededelingen* 44:75-81.
- Hoogmoed, M. S. 1985. A new genus of toads (Amphibia: Anura: Bufonidae) from the Pacific slopes of the Andes in northern Ecuador and southern Colombia, with the description of two new species. *Zoologische Mededelingen* 59:251-274.
- Hoogmoed, M. S. 1989. On the identity of some toads of the genus *Bufo* from Ecuador, with additional remarks on *Andinophryne colomai* Hoogmoed, 1985 (Amphibia: Anura: Bufonidae). *Zoologische Verhandelingen* 250:1-32.
- Hoogmoed, M. S., A. O. Maciel, and J. T. Coragem. 2011. Discovery of the largest lungless tetrapod, *Atretochoana eiselti* (Taylor, 1968)(Amphibia: Gymnophiona: Typhlonectidae), in its natural habitat in Brazilian Amazonia. *Boletim do Museu Paraense Emílio Goeldi Ciências Naturais* 6:241-262.
- Hoogmoed, M. S., and J. E. Cadle. 1991. Natural history and distribution of *Agalychnis craspedopus* (Funkhouser, 1957)(Amphibia: Anura: Hylidae). *Zoologische mededelingen* 65:129-142.
- Hoogmoed, M. S., D. M. Borges, and P. Cascon. 1994. Three new species of the genus *Adelophryne* (Amphibia: Anura: Leptodactylidae) from northeastern Brazil, with remarks on the other species of the genus. *Zoologische Mededelingen* 68:271-300.
- Hopkins, W. A., S. E. DuRant, B. P. Staub, C. L. Rowe, and B. P. Jackson. 2005. Reproduction, Embryonic Development, and Maternal Transfer of Contaminants in the Amphibian *Gastrophryne carolinensis*. *Environ Health Perspect* 114:661–666.

- Hoskin, C. J. 2007. Description, biology and conservation of a new species of Australian tree frog (Amphibia: Anura: Hylidae: Litoria) and an assessment of the remaining populations of *Litoria genimaculata* Horst, 1883: systematic and conservation implications of an unusual s. *Biological Journal of the Linnean Society* 91:549–563.
- Hoskin, C. J. 2010. Breeding behaviour of the Barred Frog *Mixophyes coggeri*. *Memoirs of the Queensland Museum-Nature* 55:1-7.
- Hoskin, C. J., and M. W. Goosem. 2010. Road impacts on abundance, call traits, and body size of rainforest frogs in northeast Australia. *Ecology and society* 15:15.
- Houck, L. D. 1977. Reproductive biology of a neotropical salamander, *Bolitoglossa rostrata*. *Copeia*:70-83.
- Houck, L. D. 1982. Growth Rates and Age at Maturity for the Plethodontid Salamander *Bolitoglossa subpalmata*. *Copeia* 1982:474.
- Howard, A. K., J. D. Forester, J. M. Ruder, and R. Powell. 1997. Diets of two syntopic frogs: *Eleutherodactylus abbotti* and *E. armstrongi* (Leptodactylidae) from the Sierra de Baoruco, Hispaniola. *Herpetological Natural History* 5:66-72.
- Howlader, M. S. A. 2011. Cricket Frog (Amphibia, Anura, Dicroglossidae): Two Regions of Asia are Corresponding Two Groups. *Bangladesh Wildlife Bulletin* 5:1-7.
- Hoyos-Hoyos, J. M., et al. 2012. An approach to the ecology of the herpetofauna in agroecosystems of the Colombian coffee zone. *South American Journal of Herpetology* 7:25-34.
- Hoyt, D. L. 1965. A New Frog of the Genus *Tomodactylus* from Oaxaca, México. *Journal of the Ohio Herpetological Society* 5:19-22.
- Huacúz-Elías, D. 2002. El achoque del lago de Pázcuaró. *Conservación y manejo de Ambystoma dumerili*. UMSNH, Fondo Mexicano para la Conservación del Naturaleza A.C., SEMARNAT. 138 pp.
- Huang, Z., Z. Tang, and Z. Tang. 1983. A new species of the genus *Trituroides* from Guangxi, China." *Acta Herpetologica Sinica* 2.2:37-39.
- Huckembeck, S., M. Claudino, F. Corrêa, R. F. Bastos, D. Loebmann, A. M. Tozetti, and A. M. Garcia. 2012. The activity patterns and microhabitat use of *Pseudis minuta* Günther, 1858 (Anura, Hylidae) in the Lagoa do Peixe National Park, a biosphere reserve of the Brazilian subtropics. *Brazilian Journal of Biology* 72:331-336.
- Huey, R. B. 2002. The Amphibians and Reptiles of Costa Rica: A Herpetofauna between Two Continents, between Two Seas. *Integrative and Comparative Biology* 42:1079.

iNaturalist. 2016. Available from: <http://www.inaturalist.org>. Accessed October 2015.

Inger, R. F. 1954. Systematics and zoogeography of Philippine amphibia. Smithsonian Institution.

Inger, R. F. 1966. Systematics and zoogeography of the Amphibia of Borneo 52:1-402.

Inger, R. F. 2009. Contributions to the Natural History of Seven Species of Bornean Frogs. Fieldiana Zoology 116:1–25.

Inger, R. F., and B. Greenberg. 1966. Ecological and Competitive Relations Among Three Species of Frogs (Genus *Rana*). Ecology 47:746.

Inger, R. F., and B. L. Stuart. 2010. Systematics of *Limnonectes* (*Taylorana*) Dubois. Current Herpetology 29:51–68.

Inger, R. F., and D. T. Iskandar. 2005. A collection of amphibians from West Sumatra, with description of a new species of *Megophrys*. The Raffles Bulletin of Zoology 52:133-142.

Inger, R. F., and J. P. Bacon. 1968. Annual Reproduction and Clutch Size in Rain Forest Frogs from Sarawak. Copeia 1968:602.

Inger, R. F., and M. Kottelat. 1998. A new species of ranid frog from Laos. Raffles Bulletin of Zoology 46:29-34.

Inger, R. F., and R. B. Stuebing. 2009. New species and new records of Bornean frogs (Amphibia: Anura). The Raffles Bull. Zool 57:527-535.

Inger, R. F., N. L. Orlov, and I. S. Darevskij. 1999. Frogs of Vietnam: a report on new collections. Fieldiana: Zoology 92:1-46.

Inger, R. F., R. B. Stuebing, and F. L. Tan. 1995. New species and new records of anurans from Borneo. Raffles Bulletin of Zoology 43:115-132.

Ingram, G. J., M. Anstis, and C. J. Corben. 1975. Observations on the Australian leptodactylid frog, *Assa darlingtoni*. Herpetologica:425-429.

Inkamontero, S., and A. Kupfer. 2005. Observations on the reproductive ecology of *Siphonops paulensis* Boettger, 1892 (Gymnophiona: Caeciliidae) in Bolivia. Salamandra 41:91-94.

Iskandar, D. T. 1998. The amphibians of Java and Bali. Research and Development Centre for Biology Lipi.

Iskandar, D. T., Boeadi, and M. Sancoyo. 1996. *Limnonectes kadarsani* (Amphibia: Anura: Ranidae), a new frog from the Nusa Tenggara islands. Raffles Bulletin of Zoology 44:21-28.

Iskandar, D. T., U. Arifin, and A. Rachmansah. 2011. A new frog (Anura, Dicroglossidae), related to *Occidozyga semipalmata* Smith, 1927, from the eastern peninsula of Sulawesi, Indonesia. Raffles Bulletin of Zoology 59:219-228.

- Iturra-Cid, M., J. C. Ortiz, and N. R. Ibargüengoytía. 2010. Age, Size, and Growth of the Chilean Frog *Pleurodema thaul* (Anura: Leiuperidae): Latitudinal and Altitudinal Effects. *Copeia* 2010:609–617.
- IUCN SSC Amphibian Specialist Group. 2013. *Mannophryne speeri*. The IUCN Red List of Threatened Species 2013: e.T190995A18469201. <http://dx.doi.org/10.2305/IUCN.UK.2013-1.RLTS.T190995A18469201.en>. Downloaded on 21 June 2017.
- Izecksohn, E. 1993. Três novas espécies de *Dendrophryniscus* Jiménez de la Espada das regiões sudeste e sul do Brasil (Amphibia, Anura, Bufonidae). *Revista Brasileira de Zoologia* 10:473-488.
- Izecksohn, E., and S. P. De Carvalho-e-Silva. 2010. A new species of *Dendrophryniscus* Jiménez-de-la-Espada from the Parque. *Zootaxa* 2632:46-52.
- Jackson, K., and D. C. Blackburn. 2007. The amphibians and reptiles of Nouabale-Ndoki National Park, Republic of Congo (Brazzaville). *Salamandra* 43:149.
- Jackson, K., and D. C. Blackburn. 2010. A survey of amphibians and reptiles at degraded sites near Point-Noire, Kouilou Province, Republic of Congo. *Herpetological Conservation and Biology* 5:414-429.
- Jadhav, B. V. 2010. Ecology of *Ichthyophis bombayensis* (Gymnophiona: Amphibia) from Koyana region, Maharashtra, India 2:14-17.
- Jakob, C., C. Miaud, A. J. Crivelli, and M. Veith. 2003. How to cope with periods of drought? Age at maturity, longevity, and growth of marbled newts (*Triturus marmoratus*) in Mediterranean temporary ponds. *Canadian Journal of Zoology* 81:1905-1911.
- Jansen, M., L. G. Álvarez, and G. Köhler. 2007. New Species of *Hydrolaetare* (Anura, Leptodactylidae) from Bolivia with Some Notes on Its Natural History. *Journal of Herpetology* 41:724–732.
- Jestrzemski, D., S. Schütz, T. Q. Nguyen, and T. Ziegler. 2013. A survey of amphibians and reptiles in Chu Mom Ray National Park, Vietnam, with implications for herpetofaunal conservation. *Asian Journal of Conservation Biology* 2:88-110.
- Jianguo, C. U. I., S. Xiaoyan, F. Guangzhan, X. U. Fei, B. S. E., and T. Yezhong. 2011. Circadian Rhythm of Calling Behavior in the Emei Music Frog (*Babina daunchina*) is Associated with Habitat Temperature and Relative Humidity. *Asian Herpetological Research* 2:149–154.
- Jiménez, R., and F. Bolaños. 2012. Use of food and spatial resources by two frogs of the genus *Dendropsophus* (Anura: Hylidae) from La Selva, Costa Rica. *Phyllomedusa: Journal of Herpetology* 11:51-62.

- JM, C. 1980. Amphibians of Argentina. *Monitore Zoologico Italiano*, Firenze, Italia.
- Jockusch, E. L., K. P. Yanev, and D. B. Wake. 2001. Molecular phylogenetic analysis of slender salamanders, genus *Batrachoseps* (Amphibia: Plethodontidae), from central coastal California with descriptions of four new species. *Herpetological Monographs* 15: 54–99.
- Joglar, R. L., L. Santiago, P. Caligari, K. Aviles, and P. A. Burrowes. 2012. *Eleutherodactylus monensis* (coquí de mona). Reproduction. *Herpetological Review* 43:320.
- Joglar, R. L., P. A. Burrowes, D. Dávila, A. Rodríguez, A. López, A. Longo, and P. Medina. 2005. *Eleutherodactylus wightmanae* (Coquí melodioso). Reproduction. *Herpetological Review* 36:433–434.
- Johnson, B. K., and J. L. Christiansen. 1976. The Food and Food Habits of Blanchard's Cricket Frog, *Acris crepitans blanchardi* (Amphibia, Anura, Hylidae), in Iowa. *Journal of Herpetology*:63–74.
- Jones, D. T., S. P. Loader, and D. J. Gower. 2006. Trophic ecology of East African caecilians (Amphibia: Gymnophiona), and their impact on forest soil invertebrates. *J Zoology* 269:117–126.
- Jones, K. L. 1982. Prey patterns and trophic niche overlap in four species of Caribbean frogs. *United States Fish and Wildlife Research Report* 13:49–55.
- Jordão-Nogueira, T., D. Vrcibradic, J. A. L. Pontes, M. Van Sluys, and C. F. D. Rocha. 2006. Natural history traits of *Crossodactylus aeneus* (Anura, Leptodactylidae, Hylodinae) from an atlantic rainforest area in Rio de Janeiro State, Southeastern Brazil. *South American Journal of Herpetology* 1:37–41.
- Joshy, S. H., M. S. Alam, A. Kurabayashi, M. Sumida, and M. Kuramoto. 2009. Two new species of the genus *Euphlyctis* (Anura, Ranidae) from southwestern India, revealed by molecular and morphological comparisons. *Alytes* 26:97–116.
- Jowers, M. J., J. R. Downie, and B. L. Cohen. 2008. The Golden Tree Frog of Trinidad, *Phyllodytes auratus* (Anura: Hylidae): systematic and conservation status. *Studies on Neotropical Fauna and Environment* 43:181–188.
- Jr, J. P. P., R. R. C. Jr, M. A. S. Canelas, and R. P. Bastos. 2010. A new *Scinax* of the *S. catharinae* species group from Central Brazil (Amphibia: Anura: Hylidae). *Zoologia (Curitiba, Impr.)* 27:795–802.
- Juncá, F. A., & Nunes, I. (2008). A new species of marsupial frog of the genus *Gastrotheca* Fitzinger (Anura: Amphignatodontidae) from the State of Bahia, Northeastern Brazil. *Zootaxa* 1907:61–68.
- Juncá, F.A. and P.C. Eterovick. 2007. Feeding Ecology of two sympatric species of Aromobatidae, *Allobates marchesianus* and *Anomaloglossus stepheni*, in central Amazon. *Journal of Herpetology*

41:301-308.

Jungfer, K.-H. 1996. Reproduction and parental care of the coronated treefrog, *Anotheca spinosa* (Steindachner, 1864)(Anura: Hylidae). *Herpetologica*:25-32.

Jungfer, K.-H. 2010. The taxonomic status of some spiny-backed treefrogs, genus *Osteocephalus* (Amphibia: Anura: Hylidae). *Zootaxa* 2407:28-50.

Jungfer, K.-H., and W. Böhme. 2004. A new poison-dart frog (*Dendrobates*) from northern central Guyana (Amphibia: Anura: Dendrobatidae). *Salamandra* 40:99-104.

Jungfer, K.-H., and W. Hödl. 2002. A new species of *Osteocephalus* from Ecuador and a redescription of *O. leprieurii* (Duméril & Bibron, 1841) (Anura: Hylidae). *Amphibia-Reptilia* 23:21–46.

Jungfer, K.-H., J. Faivovich, J. M. Padial, S. Castroviejo-Fisher, M. M. Lyra, B. Berneck, P. P. Iglesias, P. J. R. Kok, R. D. MacCulloch, M. T. Rodrigues, and others. 2013. Systematics of spiny-backed treefrogs (Hylidae: *Osteocephalus*): an Amazonian puzzle. *Zoologica Scripta* 42:351-380.

Jungfer, K.-H., S. Reichle, and O. Piskurek. 2010. Description of a new cryptic southwestern Amazonian species of leaf-gluing treefrog, genus *Dendropsophus* (Amphibia: Anura: Hylidae). *Salamandra* 46:204-214.

Júnior, F. A. B., U. Caramaschi, and C. F. B. Haddad. 2004. Review of the *Bufo crucifer* species group, with descriptions of two new related species (Amphibia, Anura, Bufonidae). *Arquivos do Museu Nacional* 62:255-282.

Kadadevaru, G. G., R. D. Kanamadi, and H. Schneider. 2002. Advertisement call, courtship and mating behaviour of the frog, *Limnonectes syhadrensis* from Western Ghats, India. *Current Science* 82:503-505.

Kaefer, I. L., A. Montanarin, R. S. Da Costa, and A. P. Lima. 2012. Temporal patterns of reproductive activity and site attachment of the brilliant-thighed frog *Allobates femoralis* from central Amazonia. *Journal of Herpetology* 46:549-554.

Kaiser, H., D. M. Green, and M. Schmid. 1994. Systematics and biogeography of Eastern Caribbean frogs (Leptodactylidae: *Eleutherodactylus*), with the description of a new species from Dominica. *Canadian Journal of Zoology* 72:2217-2237.

Kaiser, H., V. L. Carvalho, J. Ceballos, P. Freed, S. Heacox, B. Lester, S. J. Richards, C. R. Trainor, C. Sanchez, and M. O'Shea. 2011. The herpetofauna of Timor-Leste: a first report. *ZooKeys* 109:19–86.

Kaiser, K., Scofield, D. G., Alloush, M., Jones, R. M., Marczak, S., Martineau, K., ... and Narins, P. M. 2011. When sounds collide: the effect of anthropogenic noise on a breeding assemblage of frogs

in Belize, Central America. *Behaviour* 148:215-232.

Kalezić, M. L., D. Cvetković, A. Djorović, and G. Džukić. 1996. Alternative life-history pathways: paedomorphosis and adult fitness in European newts (*Triturus vulgaris* and *T. alpestris*). *Journal of Zoological Systematics and Evolutionary Research* 34:1–7.

Kam, Y.-C., Z.-S. Chuang, and C.-F. Yen. 1996. Reproduction, Oviposition-Site Selection, and Tadpole Oophagy of an Arboreal Nester, *Chirixalus eiffingeri* (Rhacophoridae), from Taiwan. *Journal of Herpetology* 30:52.

Kaplan, M. 1991. A New Species of *Hyla* from the Eastern Slope of the Cordillera Oriental in Northern Colombia. *Journal of Herpetology* 25:313.

Kaplan, M. 1997. A New Species of *Colostethus* from the Sierra Nevada de Santa Marta (Colombia) with Comments on Intergeneric Relationships within the Dendrobatidae. *Journal of Herpetology* 31:369.

Kaplan, M., and P. M. Ruiz. 1997. Two New Species of *Hyla* from the Andes of Central Colombia and Their Relationships to Other Small Andean *Hyla*. *Journal of Herpetology* 31:230.

Kaplan, R. H., and E. G. King. 1997. Egg size is a developmentally plastic trait: evidence from long term studies in the frog *Bombina orientalis*. *Herpetologica*:149-165.

Karraker, N. E., C. L. Richards, and H. L. Ross. 2006. Reproductive ecology of *Atelopus zeteki* and comparisons to other members of the genus. *Herpetological Review* 37:284-288.

Kawamichi, T. and H. Ueda. 1998. Spawning at nests of extra-large males in the Giant Salamander *Andrias japonicus*. *Journal of Herpetology* 32:133-136.

Khan, M. 1996. The oropharyngeal morphology and feeding habits of tadpole of Tiger Frog *Rana tigerina* Daudin. *Russian Journal of Herpetology* 2:163-171.

Khan, M. A. R. 2001. A report on the Puddle (Bleating) Frog *Occidozyga lima* (Gravenhorst) from the Teknaf Peninsula, Bangladesh, with notes on the presence of other vertebrates. *Zoos Print J.* 16:583–587.

Khan, M. S. 2011. The oropharyngeal morphology and feeding habits of tadpole of Tiger Frog *Rana tigerina* Daudin. *Russian Journal of Herpetology* 3:163-171.

Khan, M. S. 2014. Herpetology of Pakistan. Field Guide Series. Available at http://psammophis.nl/bronnen/originals/Khan%202014,%20Colubridae_field_guide-Pakistan.pdf.

Khatriwada, J. R. 2012. Amphibian species richness and composition along an elevational gradient in Chitwan, Nepal.

Khonsue, W., M. Matsui, T. Hirai, and Y. Misawa. 2001a. A Comparison of Age Structures in Two

- Populations of a Pond Frog *Rana nigromaculata* (Amphibia: Anura). *Zoological Science* 18:597–603.
- Khonsue, W., M. Matsui, T. Hirai, and Y. Misawa. 2001b. Age Determination of Wrinkled Frog, *Rana rugosa* with Special Reference to High Variation in Postmetamorphic Body Size (Amphibia: Ranidae). *Zoological Science* 18:605–612.
- Kinkead, K. E., and D. L. Otis. 2007. Estimating superpopulation size and annual probability of breeding for pond-breeding salamanders. *Herpetologica* 63:151–162.
- Kiss, A. C. I., J. E. de Carvalho, C. A. Navas, and F. R. Gomes. 2009. Seasonal metabolic changes in a year-round reproductively active subtropical tree-frog (*Hypsiboas prasinus*). *Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology* 152:182–188.
- Kizirian, D., L. A. Coloma, and A. Paredes-Recalde. 2003. A new treefrog (Hylidae: *Hyla*) from Southern Ecuador and a description of its antipredator behavior. *Herpetologica* 59:339–349.
- Klappenbach, M. A., and J. A. Langone. 1992. Lista sistemática y sinonímica de los anfibios del Uruguay. *Anales del Museo Nacional de Historia Natural* 8:163-222
- Knowles, R., K. Thumm, M. Mahony, H. Hines, D. Newell, and M. Cunningham. 2015. Oviposition and egg mass morphology in barred frogs (Anura: Myobatrachidae: Mixophyes Günther, 1864), its phylogenetic significance and implications for conservation management. *Australian Zoologist* 37:381–402.
- Ko, S.-B., Y.-M. Ko, and J.-H. Lee. 2011. Body Size and Age Structure of Mating Couples in Boreal Digging Frog (*Kaloula borealis*). *Korean Journal of Environment and Ecology* 28:281-286.
- Koehler, J., F. Glaw, and M. Vences. 2008. Two additional treefrogs of the *Boophis ulftunni* species group (Anura: Mantellidae) discovered in rainforests of northern and south-eastern Madagascar. *Zootaxa* 1814:37-48.
- Köhler, G. 2011. *Amphibians of Central America*. Herpeton.
- Köhler, G., A. Batista, A. Carrizo, and A. Hertz. 2012. Field notes on *Craugastor azueroensis* (Savage, 1975)(Amphibia: Anura: Craugastoridae). *Herpetology Notes* 5:157-162.
- Köhler, J. 2000. Amphibian diversity in Bolivia: a study with special reference to montane forest regions. *Zoologisches Forschungsinstitut und Museum Alexander Koenig*.
- Köhler, J., F. Glaw, and M. Vences. 1997. Notes on the reproduction of *Rhombophryne* (Anurca: Microhylidae) at Nosy Be, northern Madagascar. *Revue Française d'Aquariologie et Herpetologie* 24:53-54.
- Köhler, J., F. Glaw, and M. Vences. 2007. A new green treefrog, genus *Boophis* Tschudi 1838

- (Anura Mantellidae), from arid western Madagascar: phylogenetic relationships and biogeographic implications. *Tropical Zoology* 20:215-227.
- Köhler, J., K. Scheelke, S. Schick, M. Veith, and S. Lötters. 2005. Contribution to the taxonomy of hyperoliid frogs (Amphibia: Anura: Hyperoliidae): advertisement calls of twelve species from East and Central Africa. *African Zoology* 40:127-142.
- Köhler, J., M. Vences, N. D'Cruze, and F. Glaw. 2010. Giant dwarfs: discovery of a radiation of large-bodied “stump-toed frogs” from karstic cave environments of northern Madagascar. *Journal of Zoology* 282:21-38.
- Kok, P. J. R. 2000. Addenda to: A survey of the anuran fauna of Montagne, Belvedere, County of Saul, French Guiana'. *Herpetological Bulletin*:1.
- Kok, P. J. R. 2006. A new species of *Hypsiboas* (Amphibia: Anura: Hylidae) from Kaieteur National Park, eastern edge of the Pakaraima Mountains, Guyana. *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Biologie* 76:191-200.
- Kok, P. J. R., and S. Castroviejo-Fisher. 2008. Glassfrogs (Anura: Centrolenidae) of Kaieteur National Park, Guyana, with notes on the distribution and taxonomy of some species of the family in the Guiana Shield. *Zootaxa* 1680:25-53.
- Kok, P. J. R., G. R. Bourne, P. Benjamin, and G. L. Lenglet. 2006. *Stefania evansi* (Groete Creek carrying frog): reproduction. *Herpetological Review* 37:212-213.
- Kok, P. J. R., R. D. Macculloch, A. Lathrop, B. Willaert, and F. Bossuyt. 2010. A new species of *Anomaloglossus* (Anura: Aromobatidae) from the Pakaraima Mountains of Guyana. *Zootaxa* 2660:18-32.
- Kok, P. J. R., R. D. MacCulloch, P. Gaucher, E. H. Poelman, G. R. Bourne, A. Lathrop, and G. L. Lenglet. 2006. A new species of *Colostethus* (Anura, Dendrobatidae) from French Guiana with a redescription of *Colostethus beebei* (Noble, 1923) from its type locality. *Phyllomedusa: Journal of Herpetology* 5:43.
- Kok, P.J.R and G. L. Lenglet. 2007. *Stefania woodleyi* (Woodley's Treefrog). Defensive behavior. *Herpetological Review* 38:198.
- Kokubum, M. N. de C. 2008. Ecologia reprodutiva e diversidade acústica de espécies de *Leptodactylus* do grupo *marmoratus* (Anura; Leptodactylidae). Instituto de Ciências Biológicas. Departamento de Ecologia. Pós-graduação em Ecologia, Brasília, Brasil.
- Konopik, O., et al. 2014. From rainforest to oil palm plantations: shifts in predator population and prey communities, but resistant interactions. *Global Ecology and Conservation* 2:385-394.
- Kopp, K., L. Signorelli, and R. P. Bastos. 2010. Distribuição temporal e diversidade de modos

- reprodutivos de anfíbios anuros no Parque Nacional das Emas e entorno, estado de Goiás, Brasil. *Iheringia, Série Zoologia* 100:192-200.
- Kopp, M., and B. Baur. 2000. Intra-and inter-litter variation in life-history traits in a population of fire salamanders (*Salamandra salamandra terrestris*). *Journal of Zoology* 250:231-236.
- Kotharambath, R., R. S. Beyo, L. Divya, M. A. Akbarsha, and O. V Oommen. 2013. Caecilians-The Limbless Elusive Amphibians: In the Backdrop of Kerala Region of the Western Ghats. In: Singaravelan, N. (ed.) *Rare Animals of India*. Betham Science Publisher.
- Kou, Z.-t., and Y.-l. Xing. 1983. A new species of *Cynops* from Yunnan. *Acta Herpetologica Sinica/Liangqi baxing dongwu yanjiu. New Series. Chengdu* 2:51–54.
- Kouamé, N. G., A. B. Adepo-Gourène, J. Konan, M. Emmrich, J. Penner, and M.-O. Rödel. 2014. Second record of *Hyperolius laurenti* Schiøtz, 1967 (Anura: Hyperoliidae) in south-eastern Ivory Coast, with observations on the species' variability, call characteristics and habitat. *Herpetology Notes* 7:59-65.
- Krakauer, T. 1968. The ecology of the neotropical toad, *Bufo marinus*, in south Florida. *Herpetologica*:214-221.
- Kraus, F. 2007. A new species of treefrog of the genus *Litoria* (Hylidae) from the Louisiade Islands, Papua New Guinea. *Herpetologica* 63:365–374.
- Kraus, F. 2013a. A New Species of *Hylophorbus* (Anura: Microhylidae) from Papua New Guinea. *Current Herpetology* 32:102–111.
- Kraus, F. 2013b. Two New Species of Frogs Related to *Barygenys exsul* (Microhylidae) from New Guinea. *Herpetologica* 69:314–328.
- Kraus, F., and A. Allison. 2002. A new species of *Xenobatrachus* (Anura: Microhylidae) from Northern Papua New Guinea. *Herpetologica* 58:56–66.
- Kraus, F., and A. Allison. 2003. A New Species of *Callulops* (Anura: Microhylidae) from Papua New Guinea. *Pacific Science* 57:29–38.
- Kraus, F., and A. Allison. 2004. Two New Treefrogs from Normanby Island, Papua New Guinea. *Journal of Herpetology* 38:197–207.
- Kraus, F., and A. Allison. 2005a. A Colorful New Species of *Albericus* (Anura: Microhylidae) from Southeastern Papua New Guinea. *Pacific Science* 59:43–53.
- Kraus, F., and A. Allison. 2005b. New Species of *Albericus* (Anura: Microhylidae) from Eastern New Guinea. *Copeia* 2005:312–319.
- Kraus, F., and A. Allison. 2006. Three new species of *Cophixalus* (Anura: Microhylidae) from

Southeastern New Guinea. *Herpetologica* 62:202–220.

Kraus, F., and A. Allison. 2007. Taxonomic notes on frogs of the genus *Rana* from Milne Bay Province, Papua New Guinea. *Herpetological Monographs* 21:33.

Kraus, F., and A. Allison. 2009. New microhylid Frogs from the Muller Range, Papua New Guinea. *ZooKeys* 26:53–76.

Kraus, F., and A. Allison. 2009. New species of frogs from Papua New Guinea. *Bishop Museum Occasional Papers* 104:1-36.

Krebs, S. L. and R. A. Brandon .1984. A new species of salamander (family Ambystomatidae) from Michoacan, Mexico. *Herpetologica*:238-245.

Krügel, P., S. Richter, and P. Krugel. 1995. *Syncope antenori*: A Bromeliad Breeding Frog with Free-Swimming, Nonfeeding Tadpoles (Anura, Microhylidae). *Copeia* 1995:955.

Kueh, B. H., and A. Sudin. 2008. *Gastrophrynoides borneensis* (Long-snouted Frog). *Herpetological Review*.

Kueh, B. H., N. Ismail, C. E. S. Lau, J. Albert, E. S. Siwan, and V. B. A. Ngidang. 2010. *Rana Luctuosa* (Mahogany Frog). Altitude and maximum size. *Herpetological Review*:341-342.

Kumbar, S. M., and K. Pancharatna. 2001. Determination of age, longevity and age at reproduction of the frog *Microhyla ornata* by skeletochronology. *Journal of biosciences-bangalore-* 26:265-270.

Kupfer, A. 2009. Sexual size dimorphism in caecilian amphibians: analysis, review and directions for future research. *Zoology* 112:362–369.

Kupfer, A., J. Nabhitabhata, and W. Himstedt. 2004. Reproductive ecology of female caecilian amphibians (genus *Ichthyophis*): a baseline study. *Biological Journal of the Linnean Society* 83:207–217.

Kupfer, A., J. Nabhitabhata, and W. Himstedt. 2005a. Life history of amphibians in the seasonal tropics: habitat, community and population ecology of a caecilian (genus *Ichthyophis*). *J. Zoology* 266:237–247.

Kupfer, A., J. Nabhitabhata, and W. Himstedt. 2005b. From water into soil: trophic ecology of a caecilian amphibian (Genus *Ichthyophis*). *Acta Oecologica* 28:95–105.

Kuramoto, M. 1978. Correlations of Quantitative Parameters of Fecundity in Amphibians. *Evolution* 32:287.

Kuramoto, M. 1980. Mating Calls of Treefrogs (Genus *Hyla*) in the Far East, with Description of a New Species from Korea. *Copeia* 1980:100.

Kuramoto, M., S. H. Joshy, A. Kurabayashi, and M. Sumida. 2007. The genus *Fejervarya* (Anura:

- Ranidae) in central Western Ghats, India, with descriptions of four new cryptic species. *Current Herpetology* 26:81-105.
- Kurniati, H., and others. 2009. Morphological variations of sumatran torrent frogs, *Huia sumatrana* (Yang, 1991) and *H. modiglianii doria*, Salvidio and Tavan, 1999. *Zoo indonesia* 18.
- Kurniawan, N., T. H. Djong, M. M. Islam, T. Nishizawa, D. M. Belabut, Y. H. Sen, R. Wanichanon, I. Yasir, and M. Sumida. 2011. Taxonomic status of three types of *Fejervarya cancrivora* from Indonesia and other Asian countries based on morphological observations and crossing experiments. *Zoological science* 28:12-24.
- Kusano, T., K. Fukuyama, and N. Miyashita. 1995. Body size and age determination by skeletochronology of the brown frog, *Rana tagoi tagoi* in Southwestern Kanto. *Japanese Journal of Herpetology* 16:29-34.
- Kusano, T., K. Maruyama, and S. Kaneko. 2010. Body Size and Age Structure of a Breeding Population of the Japanese Common Toad, *Bufo japonicus formosus* (Amphibia: Bufonidae). *Current Herpetology* 29:23–31.
- Kusano, T., T. Ueda, and H. Nakagawa. 2006. Body Size and Age Structure of Breeding Populations of the Salamander, *Hynobius tokyoensis* (Caudata: Hynobiidae). *Current Herpetology* 25:71–78.
- Kutrup, B., N. Özdemir, E. Çakir, and U. Bülbül. 2011. A skeletochronological study of age, growth and longevity of *Rana macrocnemis* populations from four locations at different altitudes in Turkey. *Amphibia-Reptilia* 32:113-118.
- Kutrup, B., U. Bulbul, and N. Yilmaz. 2005. Age structure in two populations of *Triturus vittatus ophryticus* at different altitudes. *Amphibia-Reptilia* 26:49–54.
- Kuzmin, S. L., R. Dasgupta, and E. M. Smirina. 2011. Ecology of the Himalayan newt (*Tylototriton verrucosus*) in Darjeeling himalayas, India. *Russian Journal of Herpetology* 1:69-76.
- Kwet, A. 2001. Frösche im brasilianischen Araukarienwald: Anurengemeinschaft des Araukarienwaldes von Rio Grande do Sul: Diversität, Reproduktion, und Ressourcenaufteilung. Natur-und-Tier-Verlag.
- Kwet, A. 2008. New species of *Hypsiboas* (Anura: Hylidae) in the pulchellus group from southern Brazil. *Salamandra* 44:1-14.
- Kwet, A., and J. Faivovich. 2001. *Proceratophrys bigibbosa* Species Group (Anura: Leptodactylidae), with Description of a New Species. *Copeia* 2001:203–215.
- Kwet, A., and M. Sole. 2008. A new species of *Trachycephalus* (Anura: Hylidae) from the Atlantic Rain Forest in southern Brazil. *Zootaxa* 1947:53-67.

- Kwet, A., Ra. Maneyro, A. Zillikens, and D. Mebs. 2005. Advertisement calls of *Melanophryniscus dorsalis* (Mertens, 1933) and *M. montevidensis* (Philippi, 1902), two parapatric species from southern Brazil and Uruguay, with comments on morphological variation in the *Melanophryniscus stelzneri* group (Anura: Bufonidae). *Salamandra* 41:3.
- La Marca, E. 1985. A new species of *Colostethus* (Anura: Dendrobatidae) from the Cordillera de Merida, northern Andes, South America. *Occasional Papers of the Museum of Zoology, University of Michigan* 710:1-10.
- La Marca, E. 1996. Ranas del género *Colostethus* (Amphibia: Anura; Dendrobatidae) de la Guayana venezolana, con la descripción de siete especies nuevas. *Asociación Amigos de Doñana*.
- La Marca, E. 2004. Systematic status of an enigmatic and possibly endangerend denbrobatic frog (*Colostethus dunni*) from the valley of Caracas, northern Venezuela. *Herpetotropicos* 1:19-28.
- La Marca, E. 2006. Sinopsis taxonómica de dos géneros nuevos de anfibios (Anura: Leptodactylidae) de los Andes de Venezuela. *Herpetotropicos* 3:67-87.
- La Marca, E., and L. M. O. López. 2012. Rediscovery of the types of *Colostethus meridensis*, with description of a related new species and redescription of *Aromobates mayorgai* (Amphibia: Anura: Dendrobatidae). *Herpetotropicos* 7:55-74.
- la Riva, I. De, and J. C. Chaparro. 2005. A new species of tree frog from the Andes of southeastern Peru (Anura: Hylidae: Hyla). *Amphibia-Reptilia* 26:515–521.
- la Riva, I. De, J. N. Ríos, and J. Aparicio. 2005. A new species of *Bufo* (Anura: Bufonidae) from the Andes of Bolivia. *Herpetologica* 61:280–286.
- la Riva, I. De, L. Trueb, and W. E. Duellman. 2012. A New Species of *Telmatobius* (Anura: Telmatobiidae) from Montane Forests of Southern Peru, with a Review of Osteological Features of the Genus. *South American Journal of Herpetology* 7:91–109.
- la Riva, I. De. 1993. A New Species of *Scinax* (Anura, Hylidae) from Argentina and Bolivia. *Journal of Herpetology* 27:41.
- Lai, J.-S., and K.-Y. Kye. 2008. Two new *Hynobius* (Caudata: Hynobiidae) salamanders from Taiwan. *Herpetologica* 64:63-80.
- Lai, Y.-C., T.-H. Lee, and Y.-C. Kam. 2005. A Skeletochronological Study on a Subtropical, Riparian Ranid (*Rana swinhoana*) from Different Elevations in Taiwan. *Zoological Science* 22:653–658.
- Lambertz, M., T. Hartmann, S. Walsh, P. Geissler, and D. S. McLeod. 2014. Anatomy, histology, and systematic implications of the head ornamentation in the males of four species of *Limnonectes* (Anura: Dicroglossidae). *Zool J Linn Soc* 172:117–132.

- Landestoy, M. A. 2013. Observations on the breeding behaviour of the Hispaniolan green treefrog, *Hypsiboas heilprini*. *IRCF Reptiles & Amphibians* 20:160-165.
- Lando, R. V, and E. E. Williams. 1969. Notes on the herpetology of the US Naval Base at Guantanamo Bay, Cuba. *Studies on the Fauna of Curaçao and other Caribbean Islands* 31:159-201.
- Langone Fernández, J. A. 1994. *Ranas y sapos del Uruguay: Reconocimiento y aspectos biológicos*. Serie de divulgación Museo Damaso Antonio Larrañaga.
- Langone, J. A., M. V Segalla, M. Bornschein, and R. O. de Sá. 2008. A new reproductive mode in the genus *Melanzophryniscus* Gallardo, 1961 (Anura: Bufonidae) with description of a new species from the state of Paraná, Brazil. *South American Journal of Herpetology* 3:1-9.
- Lannoo, M., editor. 2005. *Amphibian Declines*. University of California Press.
- Lantyer-Silva, A. S. F., M. Solé, and J. Zina. 2014. Reproductive biology of a bromeligenous frog endemic to the Atlantic Forest: *Aparasphenodon arapapa* Pimenta, Napoli and Haddad, 2009 (Anura: Hylidae). *Anais da Academia Brasileira de Ciências* 86:867–880.
- Largen, M. J. 1998. The status of the genus *Hyperolius* Rapp 1842 (Amphibia Anura Hyperoliidae) in Ethiopia. *Tropical Zoology* 11:61–82.
- Largen, M. J. 2001. Catalogue of the amphibians of Ethiopia, including a key for their identification. *Tropical Zoology* 14:307–402.
- Largen, M. J., and R. C. Drewes. 1989. A new genus and species of brevipitine frog (Amphibia Anura Microhylidae) from high altitude in the mountains of Ethiopia. *Tropical Zoology* 2:13–30.
- Lathrop, A., and R. D. MacCulloch. 2007. A new species of *Oreophrynella* (Anura: Bufonidae) from Mount Ayanganna, Guyana. *Herpetologica* 63:87–93.
- Lathrop, A., R. W. Murphy, N. L. Orlov, and C. T. Ho. 2011. Two new species of *Leptobrachium* (Anura: Megophryidae) from the central highlands of Vietnam with a redescription of *Leptobrachium chapaense*. *Russian Journal of Herpetology* 5:51-60.
- Lauck, B. 2005. Life history of the frog *Crinia signifera* in Tasmania, Australia. *Australian Journal of Zoology* 53:21-27.
- Lavigne, R. J., and G. Drewry. 1970. Feeding behavior of the frogs and lizards in the tropical wet forest-preliminary report. The Rain Forest Project Annual Report.
- Lawson, L. P., and B. Zimkus. 2011. Herpetofauna of Montane Areas of Tanzania. 5. Range Extension of *Phrynobatrachus sulfureogularis* (Anura, Phrynobatrachidae) from Burundi to the Mahale Mountains of Western Tanzania with a Redescription of the Species. *Fieldiana Life and Earth Sciences* 4:112–116.

- Leaché, A. D., et al. 2006. Biodiversity in a forest island: reptiles and amphibians of the West African Togo Hills. *Amphibian and Reptile Conservation* 4:22-45.
- Leaché, A. D., M.-O. Rödel, C. W. Linkem, R. E. Diaz, A. Hillers, and M. K. Fujita. 2006. Biodiversity in a forest island: reptiles and amphibians of the West African Togo Hills. *Amphibian and Reptile Conservation* 4:22-45.
- Leary, C. J., D. J. Fox, D. B. Shepard, and A. M. Garcia. 2005. Body size, age, growth and alternative mating tactics in toads: satellite males are smaller but not younger than calling males. *Animal Behaviour* 70:663–671.
- Leclair, M. H., M. Levasseur, and R. Leclair. 2006. Life-history traits of *Plethodon cinereus* in the northern parts of its range: variations in population structure, age and growth. *Herpetologica* 62:265–282.
- Leclair, M. H., R. Leclair, and J. Gallant. 2005. Application of Skeletochronology to a Population of *Pelobates cultripes* (Anura: Pelobatidae) from Portugal. *Journal of Herpetology* 39:199–207.
- Lee, J. C. 1996. The amphibians and reptiles of the Yucatan Peninsula. Cornell University Press, Ithaca, NY.
- Lee, J.-H., and D. Park. 2009. Effects of body size, operational sex ratio, and age on pairing by the Asian toad, *Bufo stejnegeri*. *Zoological Studies* 48:332-334.
- Lee, J.-H., M.-S. Min, T.-H. Kim, H.-J. Baek, H. Lee, and D. Park. 2010. Age structure and growth rates of two Korean salamander species (*Hynobius yangi* and *Hynobius quelpaertensis*) from field populations. *Animal Cells and Systems* 14:315–322.
- Lee, S., K. Zippel, L. Ramos, and J. Searle. 2006. Captive-breeding programme for the Kihansi spray toad *Nectophrynoides asperginis* at the Wildlife Conservation Society, Bronx, New York. *International Zoo Yearbook* 40:241-253.
- Leenders, T. 2001. A guide to amphibians and reptiles of Costa Rica. Zona Tropical Publications, Miami, Florida. 305 pp.
- Lehr, E. 2006. Taxonomic status of some species of peruvian *Phrynopus* (Anura: Leptodactylidae), with the description of a new species from the Andes of Southern Peru. *Herpetologica* 62:331–347.
- Lehr, E., and A. Catenazzi. 2010. Two New Species of *Bryophryne* (Anura: Strabomantidae) from High Elevations in Southern Peru (Region of Cusco). *Herpetologica* 66:308–319.
- Lehr, E., and A. Catenazzi. 2011. A New Species of Marsupial Frog (Anura: Hemiphractidae: *Gastrotheca*) from the Río Abiseo National Park in Peru. *Herpetologica* 67:449–459.
- Lehr, E., and L. A. Coloma. 2008. A Minute New Ecuadorian Andean Frog (Anura: Strabomantidae,

Pristimantis). *Herpetologica* 64:354–367.

Lehr, E., and L. Trueb. 2007. Diversity among New World microhylid frogs (Anura: Microhylidae): morphological and osteological comparisons between *Nelsonophryne* (Günther 1901) and a new genus from Peru. *Zool J Linn Soc* 149:583–609.

Lehr, E., and R. von May. 2004. Rediscovery of *Hyla melanopleura* Boulenger, 1912 (Amphibia: Anura: Hylidae). *Salamandra* 40:51–58.

Lehr, E., and R. von May. 2009. New species of *Pristimantis* (Anura: Strabomantidae) from the Amazonian Lowlands of Southern Peru. *Journal of Herpetology* 43:485–494.

Lehr, E., C. Aguilar, K. Siu-Ting, and J. C. Jordán. 2007. Three new species of *pristimantis* (anura: leptodactylidae) from the Cordillera de Huancabamba in Northern Peru. *Herpetologica* 63:519–536.

Lehr, E., C. Torres, and J. Suárez. 2007b. A new species of arboreal *Eleutherodactylus* (Anura: Leptodactylidae) from the Amazonian Lowlands of Central Peru. *Herpetologica* 63:94–99.

Lehr, E., G. Köhler, C. Aguilar, and E. Ponce. 2001. New Species of *Bufo* (Anura: Bufonidae) from Central Peru. *Copeia* 2001:216–223.

Lehr, E., J. Faivovich, and K.-H. Jungfer. 2010. A New Andean Species of the *Hypsiboas pulchellus* Group: Adults, Calls, and Phylogenetic Relationships. *Herpetologica* 66:296–307.

Lehr, E., M. Lundberg, C. Aguilar, and R. von May. 2006. New species of *Eleutherodactylus* (Anura: Leptodactylidae) from the Eastern Andes of Central Peru with comments on Central Peruvian *Eleutherodactylus*. *Herpetological Monographs* 20:105.

Lehr, E., S. Lötters, and M. Lundberg. 2008. A New Species of *Atelopus* (Anura: Bufonidae) from the Cordillera Oriental of Central Peru. *Herpetologica* 64:368–378.

Lehtinen, R. M., and M. C. MacDonald. 2011. Live fast, die young? A six-year field study of longevity and survivorship in Blanchard's cricket frog (*Acris crepitans blanchardi*). *Herpetological Review* 42:504–507.

Leite, F. S. F., T. L. Pezzuti, and L. de Oliveira Drummond. 2011. A New Species of *Bokermannohyla* from the Espinhaço Range, State of Minas Gerais, Southeastern Brazil. *Herpetologica* 67:440–448.

Leite, F. S. F., T. L. Pezzuti, and P. C. A. Garcia. 2012. A new species of the *Bokermannohyla pseudopseudis* group from the Espinhaço range, central Bahia, Brazil (Anura: Hylidae). *Herpetologica* 68:401–409.

Lemckert, F. 2001. The influence of micrometeorological factors on the calling activity of the frog *Crinia signifera* (Anura: Myobatrachidae). *Australian Zoologist* 31:625–631.

- Lemckert, F., and M. Mahony. 2008. Core calling periods of the frogs of temperate New South Wales, Australia. *Herpetological Conservation and Biology* 3:71.
- León, J. R. 1969. The systematics of the frogs of the *Hyla rubra* group in Middle America. *Sistemática de las ranas del grupo Hyla rubra en Centroamérica*. The University of Kansas Publications, Museum of Natural History 18:505-545.
- Leong, T.-M. 2003. Noteworthy dietary records for *Caudacaecilia larutensis* and *Limnonectes kuhlii* from Maxwell's Hill, Peninsular Malaysia (Amphibia: Gymnophiona and Anura). *Hamadryad* 27:268-270.
- Leynaud, G. C., N. Pellegrín, J. N. Lescano, and E. H. Bucher. 2006. Bañados del Río Dulce y Laguna de Mar Chiquita. in E. H. Bucher, editor. *Academia Nacional de Ciencias*, Córdoba, Argentina.
- Li, C. 2005. Reproductive modes in Sichuan anurans. *Biodiversity Science* 13:290.
- Li, C., W. B. Liao, Z. S. Yang, and C. Q. Zhou. 2010. A skeletochronological estimation of age structure in a population of the Guenther's frog, *Hylarana guentheri*, from western China. *Acta Herpetologica* 5:1-11.
- Li, P., Y. Lu, and A. Li. 2008. A new species of brown frog from Bohai. *China* 11:60-68.
- Li, S., Y.-Z. Tian, and X.-M. Gu. 2010. A new species of the genus *Pseudohynobius* (Caudata, Hynobiidae) from Guizhou, China. *Acta Zootaxonomica Sinica* 35:407-412
- Li, W.-J. 2001. The reproductive biology of *Rana boulengeri*. *Asiatic Herpetological Research* 9:1-5.
- Liao, W. B. 2011. A skeletochronological estimate of age in a population of the Siberian Wood Frog, *Rana amurensis*, from northeastern China. *Acta Herpetologica* 6:237-245.
- Liao, W. B., and X. Lu. 2010. Age and Growth of a Subtropical High-Elevation Torrent Frog, *Amolops mantzorum*, in Western China. *Journal of Herpetology* 44:172-176.
- Liao, W. B., and X. Lu. 2010. Age structure and body size of the Chuanxi Tree Frog *Hyla annectans chuanxiensis* from two different elevations in Sichuan (China). *Zoologischer Anzeiger - A Journal of Comparative Zoology* 248:255-263.
- Liao, W. B., and X. Lu. 2011. Variation in body size, age and growth in the Omei treefrog (*Rhacophorus omeimontis*) along an altitudinal gradient in western China. *Ethology Ecology & Evolution* 23:248-261.
- Liao, W. B., X. Lu, Y. W. Shen, and J. C. Hu. 2011. Age structure and body size of two populations of the rice frog *Rana limnocharis* from different altitudes. *Italian Journal of Zoology* 78:215-221.

- Liao, W., and X. Lu. 2011. Adult body size = $f(\text{initial size} + \text{growth rate} \times \text{age})$: explaining the proximate cause of Bergman's cline in a toad along altitudinal gradients. *Evolutionary Ecology* 26:579-590.
- Lien, C.-T., H.-C. Lin, and K.-Y. Lue. 2007. Demography of two small breeding populations of Taipei Grass Frog, *Rana taipehensis* van Denburgh (Amphibia, Anura). *BioFormosa* 42:17-24.
- Lim, K. K. P. 1989. First record of the swamp-forest frog, *Rana paramacrodon paramacrodon* Inger, 1966 (Amphibia: Anura: Ranidae) from Singapore with notes on its taxonomy, ecology and biology. *Raffles Bulletin of Zoology* 37:51-57.
- Lima, A. P., D. E. A. Sanchez, and J. R. D. Souza. 2007. A New Amazonian Species of the Frog Genus *Colostethus* (Dendrobatidae) that Lays its Eggs on Undersides of Leaves. *Copeia* 2007:114–122.
- Lima, A. P., J. P. Caldwell, and C. Strussmann. 2009. Redescription of *Allobates brunneus* (Cope) 1887 (Anura: Aromobatidae: Allobatinae), with a description of the tadpole, call, and reproductive behavior. *Zootaxa* 1988:1-16.
- Lima, A. P., J. P. Caldwell, and G. M. Biavati. 2002. Territorial and Reproductive Behavior of an Amazonian Dendrobatid Frog, *Colostethus caeruleodactylus*. *Copeia* 2002:44–51.
- Lima, A. P., M. Menin, and M. C. Araújo. 2007. A new species of *Rhinella* (Anura: Bufonidae) from Brazilian Amazon. *Zootaxa* 1663:1-15.
- Lima, A. P., W. E. Magnusson, and D. G. Williams. 2000. Differences in Diet among Frogs and Lizards Coexisting in Subtropical Forests of Australia. *Journal of Herpetology* 34:40.
- Lima, A. P., W. E. Magnusson, M. Menin, L. K. Erdtmann, D. J. Rodrigues, C. Keller, and W. Hödl. 2006. Guia de Sapos da Reserva Adolpho Ducke: Amazônia Central. Guide to the frogs of Reserva Adolpho Ducke, central Amazonia. áttema Design Editorial.
- Lima, L. P., R. P. Bastos, and A. A. Giaretta. 2004. A new *Scinax* Wagler, 1830 of the *S. rostratus* group from central Brazil (Amphibia, Anura, Hylidae). *Arquivos do Museu Nacional* 62:505-512.
- Lin, Y.-L., and P.-C. L. Hou. 2002. Applicability of skeletochronology to the anurans from a subtropical rainforest of southern Taiwan. *Acta Zoologica Taiwanica* 13:21-30.
- Linch, J. D., and P. M. Ruiz-Carranza. 1985. Una nueva especie de *Colostethus* (Amphibia;: Dendrobatidae) de la Cordillera Occidental de Colombia. *Lozania* 54:1-6.
- Lindquist, E. D., and D. W. Swihart. 1997. *Atelopus chiriquiensis* (Chiriqui Harlequin Frog). Mating behaviour and egg-laying. *Herpetological Review* 28:145-146.
- Lingnau, R., C. Zank, P. Colombo, and A. Kwet. 2013. Vocalization of *Hylodes meridionalis*

- (Mertens 1927) (Anura, Hylodidae) in Rio Grande do Sul, Brazil, with comments on nocturnal calling in the family Hylodidae. *Studies on Neotropical Fauna and Environment* 48:76–80.
- Lingnau, R., M. Solé, F. Dallacorte, and A. Kwet. 2008. Description of the advertisement call of *Cycloramphus bolitoglossus* (Werner, 1897), with comments on other species in the genus from Santa Catarina, south Brazil (Amphibia, Cycloramphidae). *North-Western Journal of Zoology* 4:224-235.
- Lips, K. R. 2001. Reproductive trade-offs and bet-hedging in *Hyla calypsa*, a Neotropical treefrog. *Oecologia* 128:509-518.
- Lips, K. R., and D. M. Krempels. 1995. Eggs and Tadpole of *Bufo fastidiosus* Cope, with Comments on Reproductive Behavior. *Copeia* 1995:741-746.
- Lips, K. R., J. D. Reeve, and L. R. Witters. 2003. Ecological Traits Predicting Amphibian Population Declines in Central America. *Conservation Biology* 17:1078–1088.
- Liu, C. 1950. Amphibians of western China. *Fieldiana*. 87: 87pp
- Liu, Y., W. Liao, C. Zhou, Z. Mi, and M. Mao. 2011. A Skeletochronology of Age Structure of Lifan Torrent Frog (*Amolops lifanensis*). *Journal of China West Normal University (Natural Sciences)* 2:12.
- Loader, S. P., D. J. Gower, W. Ngalason, and M. Menegon. 2010. Three new species of *Callulina* (Amphibia: Anura: Brevicipitidae) highlight local endemism and conservation plight of Africa's Eastern Arc forests. *Zoological Journal of the Linnean Society* 160:496–514.
- Lobo, F. 1994. Descripción de una nueva especie de *Pseudopaludicola* (Anura: Leptodactylidae), redescrición de *P. falcipes* (Hensel, 1867) y *P. saltica* (Cope, 1887) y osteología de las tres especies. *Cuadernos de herpetología* 8.
- Loebmann, D. 2010. Herpetofauna do Planalto da Ibiapaba, Ceará: composição, aspectos reprodutivos, distribuição espaço-temporal e conservação. Universidade Estadual Paulista (UNESP - Rio Claro).
- López, C. R., and D. M. P. Ortega. 2013. *Osteocephalus subtilis* Martins and Cardoso, 1987 (Anura: Hylidae): New distribution record. *Check List* 9:116-117.
- López, J. A., P. A. Scarabotti, M. C. Medrano, and R. Ghirardi. 2008. Is the red spotted green frog *Hypsiboas punctatus* (Anura: Hylidae) selecting its preys? The importance of prey availability. *RBT* 57.
- Loredam, V. S. de A. 2012. Dimorfismo sexual em *Dasypops schirchi* (Miranda-Ribeiro, 1924): aspectos morfológicos. Universidade Estadual Paulista (UNESP).

- Lötters, S. 2003. On the systematics of the harlequin frogs (Amphibia: Bufonidae: Atelopus) from Amazonia. III: A new, remarkably dimorphic species from the Cordillera Azul, Peru. *Salamandra* 39:169-180.
- Lötters, S., A. Schmitz, and S. Reichle. 2005. A new cryptic species of poison frog from the Bolivian Yungas. *Herpetozoa* 18:115-124.
- Lötters, S., A. Schmitz, S. Reichle, D. Rödder, and V. Quennet. 2009. Another case of cryptic diversity in poison frogs (Dendrobatidae: Ameerega)-description of a new species from Bolivia. *Zootaxa* 2028:20-30.
- Lötters, S., and M. Kneller. 2000. Der Anzeigeruf von *Epipedobates azureiventris* (Anura: Dendrobatidae) aus Peru im Vergleich mit anderen Pfeilgiftfröschen. *Salamandra* 36:69-75.
- Lötters, S., E. La Marca, and M. Vences. 2004. Redescriptions of Two Toad Species of the Genus *Atelopus* from Coastal Venezuela. *Copeia* 2004:222-234.
- Lötters, S., K. H. Jungfer, W. H. Henkel, and W. Schmidt. 2007. *Poison Frogs: Biology, Species & Captive Husbandry*. Edition Chimaira.
- Lötters, S., M.-O. Rödel, and M. Burger. 2005. A new large tree frog from north-western Gabon (Hyperoliidae: *Leptopelis*). *The Herpetological Journal* 15:149-152.
- Lötters, S., P. Debold, K. Henle, F. Glaw, and M. Kneller. 1997. Ein neuer Pfeilgiftfrosch aus der *Epipedobates pictus*-Gruppe vom Osthang der Cordillera Azul in Perú. *Herpetofauna* 19:25-34.
- Lötters, S., S. Schick, K. Scheelke, P. Teege, J. Kosuch, D. Rotich, and M. Veith. 2004. Bio-sketches and partitioning of sympatric reed frogs, genus *Hyperolius* (Amphibia: Hyperoliidae), in two humid tropical African forest regions. *Journal of Natural History* 38:1969–1997.
- Lötters, S., V. R. Morales, and C. Proy. 2003. Another new riparian dendrobatid frog species from the upper Amazon basin of Peru. *Journal of herpetology* 37:707–713.
- Lourenço, A. C. C., L. B. Nascimento, and M. R. S. Pires. 2009. A New Species of the *Scinax catharinae* Species Group (Anura: Hylidae) from Minas Gerais, Southeastern Brazil. *Herpetologica* 65:468–479.
- Loveridge, A. 1936. *African reptiles and amphibians in Field Museum of Natural History*. Smithsonian Institution.
- Loveridge, A. 1941. Report on the Smithsonian-Firestone Expedition's collection of reptiles and amphibians from Liberia. United States National Museum, WA, USA.
- Loveridge, A. 1993. Reports on the scientific results of an expedition to the southwestern highlands of Tanganyika Territory. *Bulletin of the Museum of Comparative Zoology* 74:197-416.

- Lowe, K., and J.-M. Hero. 2012. Sexual dimorphism and color polymorphism in the wallum sedge frog (*Litoria olongburensis*). *Herpetological Review* 43:236.
- Lüddecke, H. 1999. Behavioral aspects of the reproductive biology of the Andean frog *Colostethus palmatus* (Amphibia: Dendrobatidae). *Revista de la Academia Colombiana de Ciencias* 23:303-316.
- Lugli, L., and C. F. B. Haddad. 2006. New Species of *Bokermannohyla* (Anura, Hylidae) from Central Bahia, Brazil. *Journal of Herpetology* 40:7–15.
- Luhring, T. M. 2008. Population ecology of greater siren, *Siren lacertina*. University of Georgia.
- Lur'ia-Manzano, R., and G. Gutiérrez-Mayén. 2014. Reproduction and diet of *Hyla euphorbiacea* (Anura: Hylidae) in a pine-oak forest of southeastern Puebla, Mexico. *Vertebrate Zoology* 64:207-213.
- Lutz, A. 1934. Notas sobre especies brasileiras do genero *Bufo*. *Mem. Inst. Oswaldo Cruz* 28:111-159.
- Lutz, B. 1948. Anfíbios anuros da Coleção Adolpho Lutz III - *Hyla claresignata* Lutz & B. Lutz, 1939. *Memórias do Instituto Oswaldo Cruz* 46:747-757.
- Lutz, B. 1954. Anfíbios Anuros do Distrito Federal. *Memórias do Instituto Oswaldo Cruz* 52:155-197.
- Lutz, B. 1973. Brazilian species of *Hyla*. University of Texas Press.
- Lykens, D. V, and D. C. Forester. 1987. Age structure in the spring peeper: Do males advertise longevity? *Herpetologica* 43:216-223.
- Lynch John, D. 2001. Three new rainfrogs of the *Eleutherodactylus diastema* group from Colombia and Panama. *Revistas de la Academia Colombiana de Ciencias Exactas, Físicas y Naturales* 25:287-297.
- Lynch, J. D. 1965. A new species of *Eleutherodactylus* from Guadeloupe, West Indies. *Breviora* 220:1-7.
- Lynch, J. D. 1979. Leptodactylid frogs of the genus *Eleutherodactylus* from the Andes of southern Ecuador / by John D. Lynch. Smithsonian Institution.
- Lynch, J. D. and C.W. Myers. 1983. Frogs of the Fitzingeri group of *Eleutherodactylus* in eastern Panama and Chocóan South America (Leptodactylidae). *Bulletin of the American Museum of Natural History* 175:481-572.
- Lynch, J. D., and A. M. S. Mayorga. 2010. The distributions of the gladiator frogs (*Hyla boans* group) in Colombia, with comments on size variations and sympatry. *Caldasia* 23:491-507.
- Lynch, J. D., and J. M. Renjifo. 1990. Two New Toads (Bufonidae: *Rhamphophryne*) from the

Northern Andes of Colombia. *Journal of Herpetology* 24:364.

Lynch, J. D., and R. W. McDiarmid. 1987. Two new species of *Eleutherodactylus* (Amphibia: Anura: Leptodactylidae) from Bolivia. *Proceedings of the Biological Society of Washington* 100:337-346.

Lynch, J. D., and W. E. Duellman. 1980. *The Eleutherodactylus of the Amazonian slopes of the Ecuadorian Andes (Anura : Leptodactylidae) / by John D. Lynch and William E. Duellman.* Smithsonian Institution.

Lynch, J. D., and W. E. Duellman. 1997. *Frogs of the genus Eleutherodactylus (Leptodactylidae) in western Ecuador : systematics, ecology, and biogeography / John D. Lynch, William E. Duellman.* Smithsonian Institution.

Lynn, W. G. 1936. A study of the thyroid in embryos of *eleutherodactylus nubicola*. *Anat. Rec.* 64:525–539.

Lynn, W. G. 1937. Two new frogs from Jamaica. *Herpetologica* 1:88-91.

Lynn, W. G., and J. N. Dent. 1943. Notes on Jamaican Amphibians. *Copeia* 1943:234.

Ma, X., X. Lu, and J. Merilä. 2009a. Altitudinal decline of body size in a Tibetan frog. *Journal of Zoology* 279:364–371.

Ma, X., X. Lu, and L. Tong. 2009b. Variation of body size, age structure and growth of a temperate frog, *Rana chensinensis*, over an elevational gradient in Northern China. *Amphibia-Reptilia* 30:111–117.

Mac Lennan, J. S. 2009. *Taxonomy, zoogeography, and conservation of the herpetofauna of Nicaragua.* Goethe-Universität, Frankfurt am Main.

MacCulloch, R. D., A. Lathrop, and S. Z. Khan. 2006. Exceptional diversity of *Stefania* (Anura, Cryptobatrachidae) II: six species from Mount Wokomung, Guyana. *Phyllomedusa: Journal of Herpetology* 5:31.

MacCulloch, R. D., A. Lathrop, L. R. Minter, and S. Z. Khan. 2008. *Otophryne* (Anura: Microhylidae) from the highlands of Guyana: redescrptions, vocalisations, tadpoles and new distributions. *Papéis Avulsos de Zoologia (São Paulo)* 48.

MacCulloch, R. D., A. Lathrop, P. J. R. Kok, L. R. Minter, S. Z. Khan, and C. L. Barrio-Amorós. 2008. A new species of *Adelophryne* (Anura: Eleutherodactylidae) from Guyana, with additional data on *A. gutturosa*. *Zootaxa* 1884:36-50.

MacCulloch, R. D., and A. Lathrop. 2005. Hylid frogs from Mount Ayanganna, Guyana: new species, redescrptions, and distributional records. *Phyllomedusa: Journal of Herpetology* 4:17.

- Macculloch, R. D., et al. 2008. A new species of Adelophryne (Anura: Eleutherodactylidae) from Guyana, with additional data on *A. gutturosa*. *Zootaxa* 1884:36-50.
- Maciel, A. O. 2009. Taxonomia dos anfíbios da ordem Gymnophiona da Amazônia Brasileira. Universidade Federal do Pará, Museu Paraense Emílio Goeldi, Belém.
- Maciel, A. O., B. V. de Moraes, F. A. C. do Nascimento, D. M. Borges-Nojosa, D. C. Lima, and others. 2013. First records of *Chthonerpeton arii* Cascon and Lima-Verde, 1994 (Amphibia: Gymnophiona: Typhlonectidae) out of the type locality. *Check List* 9:818-819.
- Maciel, D. B., and I. Nunes. 2010. A new species of four-eyed frog genus *Pleurodema* Tschudi, 1838 (Anura: Leiuperidae) from the rock meadows of Espinhaço range, Brazil. *Zootaxa* 2640:53-61.
- Maciel, N. M., R. A. Brandao, L. A. Campos, and A. Sebben. 2007. A large new species of *Rhinella* (Anura: Bufonidae) from Cerrado of Brazil. *Zootaxa* 1627:23-39.
- Maffei, F., F. K. Ubaid, and J. Jim. 2011. Anfíbios: Fazenda Rio Claro, Lençóis Paulista, SP, Brasil. UNESP.
- Magalhães, F. de M., A. A. Garda, T. F. Amado, and R. O. de Sá. 2013. The tadpole of *Leptodactylus caatingae* Heyer & Juncá, 2003 (Anura: Leptodactylidae): external morphology, internal anatomy, and natural history. *South American Journal of Herpetology* 8:203-210.
- Magalhães, J. P. D. E., and J. Costa. 2009. A database of vertebrate longevity records and their relation to other life-history traits. *Journal of Evolutionary Biology* 22:1770–1774.
- Mahapatra, P. K., S. Nayak, and S. K. Dutta. 2008. Age estimates for a population of the Indian Tree Frog *Polypedates maculatus* (Gray, 1833). *Herpetozoa* 21:31-40.
- Maia-Carneiro, T., T. A. Dorigo, M. Almeida-Gomes, M. Van Sluys, and C. F. D. Rocha. 2012. Feeding habits, microhabitat use, and daily activity of *Cycloramphus brasiliensis* (Anura: Cycloramphidae) from the Atlantic Rainforest, Brazil. *Zoologia (Curitiba)* 29:277–279.
- Malkmus, R., and K. Riede. 1996. Zur Bioakustik von *Megophrys baluensis* (Boulenger, 1899) und *Kalophrynus baluensis* Kiew, 1984, zweier seltener Froscharten aus Borneo (Anura: Pelobatidae, Microhylidae). *Herpetozoa* 9:151-155.
- Malkmus, R., U. Manthey, G. Vogel, P. Hoffman, and J. Kosuch. 2002. *Amphibians & Reptiles of Mount Kinabalu (North Borneo)*. ARG Gantner Verlag Kommanditgesellschaft, Ruggell, Germany.
- Malonza, P. K. 2008. Amphibian biodiversity in Taita Hills, Kenya. University of Mainz, Mainz, Germany.
- Malonza, P. K., and G. J. Measey. 2005. Life history of an African caecilian: *Boulengerula taitanus*

- Loveridge 1935 (Amphibia Gymnophiona Caeciliidae). *Tropical Zoology* 18:49–66.
- Malonza, P. K., and H. Müller. 2004. A Rediscovery After Two Decades: The Changamwe Lowland Caecilian *Boulengerula changamwensis* Loveridge, 1932 (Amphibia: Gymnophiona: Caeciliidae). *Journal of East African Natural History* 93:57–61.
- Malonza, P. K., S. Lötters, and G. J. Measey. 2010. The Montane Forest Associated Amphibian Species of the Taita Hills, Kenya. *Journal of East African Natural History* 99:47–63.
- Manamendra-Arachchi, K., and R. Pethiyagoda. 2001. *Ramanella nagaoui*, a new tree-hole frog (Microhylidae) from southern Sri Lanka. *Journal of South Asian Natural History* 5:121–133.
- Maneyro, R., D. E. Naya, and D. Baldo. 2008. A new species of *Melanophryniscus* (Anura, Bufonidae) from Uruguay. *Iheringia, Série Zoologia* 98:95–121.
- Mangia, S., D. J. Santana, C. A. G. Cruz, and R. N. Feio. 2014. Taxonomic review of *Proceratophrys melanopogon* (Miranda-Ribeiro, 1926) with description of four new species (Amphibia, Anura, Odontophrynidae). *Boletim do Museu Nacional, Nova Série, Zoologia* 531:1–33.
- Mann, R. M., R. V Hyne, P. Selvakumaraswamy, and S. S. Barbosa. 2010. Longevity and larval development among southern bell frogs (*Litoria raniformis*) in the Coleambally Irrigation Area / implications for conservation of an endangered frog. *Wildlife Research* 37:447.
- Manzanilla, J., M. J. Jowers, E. La Marca, and M. García-París. 2007. Taxonomic reassessment of *Mannophryne trinitatis* (Anura: Dendrobatidae) with a description of a new species from Venezuela. *The Herpetological Journal* 17:13–42.
- Marangoni, F., D. A. Barrasso, R. Cajade, and G. Agostini. 2012. Body size, age and growth pattern of *Physalaemus fernandezae* (Anura: Leiuperidae) of Argentina. *North-Western Journal of Zoology* 8:63–71.
- Marca, E. La. 1985. Systematics and Ecological Observations on the Neotropical Frogs *Hyla jahni* and *Hyla platydactyla*. *Journal of Herpetology* 19:227.
- Marca, E. La. 1989. A new species of collared frog (Anura: Dendrobatidae: *Colostethus*) from Serrania de Portuguesa, Andes of Estado Lara, Venezuela. *Amphibia-Reptilia* 10:175–183.
- Márquez, R., and X. R. Eekhout. 2006. Advertisement calls of six species of anurans from Bali, Republic of Indonesia. *Journal of Natural History* 40:571–588.
- Marquez, R., I. De la Riva, and J. Bosch. 1993. Advertisement Calls of Bolivian Species of *Hyla* (Amphibia, Anura, Hylidae). *Biotropica* 25:426.
- Marquez, R., M. Esteban, and J. Castanet. 1997. Sexual Size Dimorphism and Age in the Midwife Toads *Alytes obstetricans* and *A. cisternasii*. *Journal of Herpetology* 31:52.

- Martins, A. C. J. S., M. C. Kiefer, C. C. Siqueira, M. Van Sluys, V. A. Menezes, and C. F. D. Rocha. 2010. Ecology of *Ischnocnema parva* (Anura: Brachycephalidae) at the Atlantic Rainforest of Serra da Concórdia, state of Rio de Janeiro, Brazil. *Zoologia* 27:201-208.
- Martins, I. A., and J. Jim. 2004. Advertisement call of *Hyla jimi* and *Hyla elianeae* (Anura, Hylidae) in the Botucatu Region, São Paulo, Brazil. *Brazilian Journal of Biology* 64:645–654.
- Martins, L. A. 2009. Comportamento reprodutivo e social de *Scinax squalirostris* (Lutz, 1925)(Anura, Hylidae) sob influência de fatores ambientais. Pontifícia Universidade Católica do Rio Grande do Sul.
- Martins, L. B., and A. A. Giaretta. 2013. Morphological and acoustic characterization of *Proceratophrys goyana* (Lissamphibia: Anura: Odontophrynidae), with the description of a sympatric and related new species. *Zootaxa* 3750:301-320.
- Martins, L. M. 1979. Ouro Preto. *Revista Literária do Corpo Discente da Universidade Federal de Minas Gerais* 14:59.
- Martins, M., and A. J. Cardoso. 1987. Novas espécies de hílídeos do Estado do Acre (Amphibia: Anura). *Revista Brasileira de Biologia* 47:549-558.
- Martori, R., Aun, L., Birri, A., Rozzi GimŽnez, C., and Heredia, E. 2005. Reproduccion comparada de tres especies de anuros sintopicos de una localidad del sudeste de Córdoba. *Cuadernos de Herpetologia*, 18.
- Marunouchi, J., H. Ueda, and O. Ochi. 2000. Variation in age and size among breeding populations at different altitudes in the Japanese newts, *Cynops pyrrhogaster*. *Amphibia-Reptilia* 21:381–396.
- Marunouchi, J., T. Kusano, and H. Ueda. 2002. Fluctuation in abundance and age structure of a breeding population of the japanese Brown Frog, *Rana japonica* Günther (Amphibia, Anura). *Zoological Science* 19:343-350.
- Marvin, G. A. 2001. Age, growth, and long-term site fidelity in the terrestrial plethodontid salamander *Plethodon kentucki*. *Copeia* 2001:108-117.
- Masood-Parveez, U., and V. B. Nadkarni. 1993. The Ovarian Cycle in an Oviparous Gymnophione Amphibian, *Ichthyophis beddomei* (Peters). *Journal of Herpetology* 27:59.
- Mathew, R. and N, Sen. 2009. Studies on little known amphibians of Northeast India. *Records of the Zoological Survey of India. Occasional Papers* 293:1–64.
- Matsui, M. 2009. A New Species of *Kalophrynus* with a Unique Male Humeral Spine from Peninsular Malaysia (Amphibia, Anura, Microhylidae). *Zoological Science* 26:579–585.
- Matsui, M., D. M. Belabut, N. Ahmad, and H.-S. Yong. 2009. A New Species of *Leptolalax*

- (Amphibia, Anura, Megophryidae) from Peninsular Malaysia. *Zoological Science* 26:243–247.
- Matsui, M., H.-S. Yong, K. Araya, and A. A. Hamid. 1996. Acoustic Characteristics and Systematic Relationships of Arboreal Microhylid Frogs of the Genus *Metaphrynella* from Malaysia. *Journal of Herpetology* 30:424.
- Matsui, M., J. Nabhitabhata, and S. Panha. 1998. A new *Ansonia* from northern Thailand (Anura: Bufonidae). *Herpetologica* 54:448-454.
- Matsui, M., J. Nabhitabhata, and S. Panha. 1999. On *Leptobrachium* from Thailand with a description of a new species (Anura: Pelobatidae). *Japanese Journal of Herpetology* 18:19-29.
- Matsui, M., M. Mohamed, T. Shimada, and A. Sudin. 2007. Resurrection of *Staurois parvus* from *S. tuberilinguis* from Borneo (Amphibia, Ranidae). *Zoological Science* 24:101–106.
- Matsui, M., M. Toda, and H. Ota. 2007. A new species of frog allied to *Fejervarya limnocharis* from the southern Ryukyus, Japan (Amphibia: Ranidae). *Current Herpetology* 26:65-79.
- Matsui, M., T. Shimada, and A. Sudin. 2010. A New Species of *Meristogenys* (Amphibia, Anura, Ranidae) from Sabah, Borneo. *Zoological Science* 27:61–66.
- Matsui, M., T. Shimada, and A. Sudin. 2014. First record of the tree-frog genus *Chiromantis* from Borneo with the Description of a new species (Amphibia: Rhacophoridae). *Zoological science* 31:45–51.
- Matsui, T., and M. Matsui. 1990. A new brown frog (genus *Rana*) from Honshu, Japan. *Herpetologica*:78-85.
- Matthews, K. R., and C. Miaud. 2007. A Skeletochronological Study of the Age Structure, Growth, and Longevity of the Mountain Yellow-legged Frog, *Rana muscosa*, in the Sierra Nevada, California. *Copeia* 2007:986-993.
- McArdle, C. 2014. *Centrolene prosoblepon* (On-line), Animal Diversity Web. Accessed May 31, 2017 at http://animaldiversity.org/accounts/Centrolene_prosoblepon/
- McCallum, M. L., and S. E. Trauth. 2007. Physiological trade-offs between immunity and reproduction in the northern cricket frog (*Acris crepitans*). *Herpetologica* 63:269–274.
- McCallum, M. L., C. Brooks, R. Mason, and S. E. Trauth. 2011. Growth, reproduction, and life span in Blanchard's Cricket Frog (*Acris blanchardi*) with notes on the growth of the Northern Cricket Frog (*Acris crepitans*). *Herpetology Notes* 4:25-35.
- McCranie, J. R. 2010. *Plectrolyla exquisita*. *Catalogue of American Amphibians and Reptiles* 865:1.
- McCranie, J. R., and E. N. Smith. 2006. A new species of *Craugastor* (Anura: Leptodactylidae) of the Alfredi group from Western Honduras. *Herpetologica* 62:183–190.

- McCranie, J. R., and F. E. Castañeda. 2006. A new species of hylid frog from Northwestern Honduras. *Herpetologica* 62:318–323.
- McCranie, J. R., and L. D. Wilson. 1993. A review of the *Bolitoglossa dunni* group (Amphibia: Caudata) from Honduras with the description of three new species. *Herpetologica*:1-15.
- McCranie, J. R., and L. D. Wilson. 2002. Contributions to Herpetology, Vol 19. in K. Adler and T. D. Perry, editors. Society for the Study of Amphibians and Reptiles, Ithaca, New York.
- McCranie, J. R., and L. D. Wilson. 2002. The Amphibians of Honduras. Contributions to Herpetology, Vol 19. K. Adler and T. D. Perry, eds., Society for the Study of Amphibians and Reptiles, Ithaca, New York.
- McCranie, J. R., D. R. Vieites, and D. B. Wake. 2008. Description of a new divergent lineage and three new species of Honduran salamanders of the genus *Oedipina* (Caudata, Plethodontidae). *Zootaxa* 1930:1-17.
- McCranie, J. R., J. M. Savage, and L. D. Wilson. 1989. Description of two new species of the *Eleutherodactylus milesi* group (Amphibia: Anura: Leptodactylidae) from Northern Honduras. *Proceedings of the Biological Society of Washington* 102:483-490.
- McDade, M. C., and N. Schlager. 2003. Grzimek's Animal life encyclopedia. Volume 6, Amphibians 6.
- McDaniel, T. V, P. A. Martin, G. C. Barrett, K. Hughes, A. D. Gendron, L. Shirose, and C. A. Bishop. 2009. Relative abundance, age structure, and body size in mudpuppy populations in southwestern Ontario. *Journal of Great Lakes Research* 35:182–189.
- McDiarmid, R. W. 1971. Comparative morphology and evolution of frogs of the Neotropical genera *Atelopus*, *Dendrophryniscus*, *Melanophryniscus*, and *Oreophrynella*. Los Angeles County Museum of Natural History, LA, USA.
- McFadden, M. et al. 2008. "A review of the green and golden bell frog *Litoria aurea* breeding program at Taronga Zoo." *Australian Zoologist* 34.3: 291-296.
- McLeod, D. S. 2008. A new species of big-headed, fanged dicroglossine frog (Genus *Limnonectes*) from Thailand. *Zootaxa* 1807:26-46.
- Means, D. B., and J. M. Savage. 2007. Three new malodorous rainfrogs of the genus *Pristimantis* (Anura: Brachycephalidae) from the Wokomung Massif in west-central Guyana, South America. *Zootaxa* 1658:39-55.
- Means, D. B., W. E. Duellman, and V. C. Clark. 2008. Ovipositing behavior in the egg-brooding frog *Stefania ayangannae* (Anura, Hemiphractidae). *Phyllomedusa: Journal of Herpetology* 7:143.

- Measey, G. J. 1998. Diet of feral *Xenopus laevis* (Daudin) in South Wales, U.K. *J Zoology* 246:287–298.
- Measey, G. J. 2001. Growth and ageing of feral *Xenopus laevis* (Daudin) in South Wales, U.K. *J. Zoology* 254:547–555.
- Measey, G. J. 2004. Are caecilians rare? An East African perspective. *Journal of East African Natural History* 93:1-21.
- Measey, G. J., and others. 2011. Ensuring a future for South Africa's frogs: a strategy for conservation research. South African National Biodiversity Institute, SANBI, South Africa.
- Measey, G. J., and R. C. Tinsley. 1997. Mating Behavior of *Xenopus wittei* (Anura: Pipidae). *Copeia* 1997:601.
- Measey, G. J., D. J. Gower, O. V Oommen, and M. Wilkinson. 2004. A subterranean generalist predator: diet of the soil-dwelling caecilian *Gegeneophis ramaswamii* (Amphibia: Gymnophiona: Caeciliidae) in southern India. *Comptes Rendus Biologies* 327:65–76.
- Measey, G. J., H. H. Hinkel, B. Dumbo, and E. Fischer. 2011. Rediscovery of *Boulengerula fischeri*, with notes on its morphology and habitat. *African Journal of Herpetology* 60:47-59.
- Measey, G. J., P. K. Malonza, and V. Muchai. 2009. Amphibians of the Taita Hills. South African National Biodiversity Institute, SANBI, South Africa.
- Meinhardt, D. J., and J. R. Parmelee. 1996. A new species of *Colostethus* (Anura: Dendrobatidae) from Venezuela. *Herpetologica* 52:70-77.
- Melchior, J., M. Di-Bernardo, G. M. F. Pontes, R. B. de Oliveira, M. Solé, and A. Kwet. 2004. Reproduction of *Pseudis minuta* (Anura, Hylidae) in southern Brazil. *Phyllomedusa: Journal of Herpetology* 3:61-68.
- Melo, G. V. de, D. de C. Rossa-Feres, and J. Jim. 2007. Variação temporal no sítio de vocalização em uma comunidade de anuros de Botucatu, Estado de São Paulo, Brasil. *Biota Neotropica* 7:93-102.
- Mendelson III, J. R., B. L. Williams, C. A. Sheil, and D. G. Mulcahy. 2005. Systematics of the *Bufo coccifer* complex (Anura: Bufonidae) of Mesoamerica. *Scientific Papers of the Natural History Museum of the University of Kansas* 38:1.
- Mendelson, J. R., and J. A. Campbell. 1999. The Taxonomic Status of Populations Referred to *Hyla chaneque* in Southern Mexico, with the Description of a New Treefrog from Oaxaca. *Journal of Herpetology* 33:80.
- Mendelssohn, H., and H. Steinitz. 1943. A New Frog from Palestine. *Copeia* 1943:231.

- Mendes, C. V., Ruas, D. S., & Solé, M. (2012). *Hypsiboas semilineatus* predation on *Dendropsophus elegans* (Anura: Hylidae) in southern Bahia, Brazil. *Salamandra* 48:235-236.
- Menin, M., D. de C. Rossa-Feres, and A. A. Giaretta. 2005. Resource use and coexistence of two syntopic hylid frogs (Anura, Hylidae). *Revista Brasileira de Zoologia* 22:61–72.
- Menin, M., L. da Silva Melo, and A. P. Lima. 2012. The tadpole of *Osteocephalus cabrerai* (Anura: Hylidae) from central Amazonia, Brazil. *Phyllomedusa: Journal of Herpetology* 10:137-142.
- Menin, M., R. A. Silva, and A. A. Giaretta. 2004. Reproductive biology of *Hyla goiana* (Anura, Hylidae). *Iheringia, Sér. Zool.* 94:49–52.
- Menzies, J. I., and M. J. Tyler. 1977. The systematics and adaptations of some Papuan microhylid frogs which live underground. *Journal of Zoology* 183:431–464.
- Menzies, J. I., and M. J. Tyler. 2004. *Litoria gracilentia* (Anura : Hylidae) and related species in New Guinea. *Aust. J. Zool.* 52:191.
- Menzies, J. I., and R. G. Zweifel. 1974. Systematics of *Litoria arfakiana* of New Guinea and sibling species (Salientia, Hylidae). *American Museum novitates* 2558.
- Menzies, J. I., S. J. Richards, and M. J. Tyler. 2009. Systematics of the Australo-Papuan tree frogs known as *Litoria bicolor* (Anura: Hylidae) in the Papuan region. *Australian Journal of Zoology* 56:257-280.
- Mercurio, V., and F. Andreone. 2007. Two new canyon-dwelling frogs from the arid sandstone Isalo Massif, central-southern Madagascar (Mantellidae, Mantellinae). *Zootaxa* 1574:31-47.
- Mercurio, V., W. Bohme, and B. Streit. 1963. Reproductive diversity of Malawian anurans. *Herpetology Notes* 2:175-183.
- Meriggio, V., A. Veloso, S. Young, and H. Núñez. 2004. *Atelognathus jeinimenensis* n. sp. de Leptodactylidae para el sur de Chile. *Boletín del Museo Nacional de Historia Natural* 53:99-123.
- Merino-Viteri, A., Coloma, L. A., and Almendáriz, A. 2005. Los *Telmatobius* de los Andes de Ecuador y su disminución poblacional. *Monografías de Herpetología* 7:9-37.
- Meshaka Jr, W. 1996. Diet and the colonization of buildings by the Cuban Tree frog, *Osteopilus septentrionalis*. *Caribbean Journal of Science* 32:59-63.
- Mesquita, D. O., G. C. Costa, and M. G. Zatz. 2004. Ecological aspects of the casque-headed frog *Aparasphenodon bruno*i (Anura, Hylidae) in a Restinga habitat in southeastern Brazil. *Phyllomedusa: Journal of Herpetology* 3:51.
- Miaud, C., and O. Guillaume. 2005. Variation in age, body size and growth among surface and cave-dwelling populations of the Pyrenean newt, *Euproctus asper* (Amphibia: Urodela).

Herpetologica 61:241–249.

Miaud, C., F. Andreone, A. Ribéron, S. De Michelis, V. Clima, J. Castanet, H. Francillon-Vieillot, and R. Guyétant. 2001. Variations in age, size at maturity and gestation duration among two neighbouring populations of the alpine salamander (*Salamandra lanzai*). *J. Zoology* 254:251–260.

Miaud, C., R. Guyétant, and J. Elmberg. 1999. Variations in life-history traits in the common frog *Rana temporaria* (Amphibia: Anura): a literature review and new data from the French Alps. *J. Zoology* 249:61–73.

Michael, S. F. 1997. Vocalization and Diurnal Retreat Defense in the Puerto Rican Frog *Eleutherodactylus cochranae*. *Journal of Herpetology* 31:453.

Mijares-Urrutia, A. 1998. Una nueva especie de *Rana* arborícola (Amphibia: Hylidae: *Hyla*) de un bosque nublado del oeste de Venezuela. *Revista Brasileira de Biologia* 58:659–663.

Mijares-Urrutia, A., and A. Arends. 1999. A new *Mannophryne* (Anura: Dendrobatidae) from western Venezuela, with comments on the generic allocation of *Colostethus larandinus*. *Herpetologica* 55:106–114.

Mijares-Urrutia, A., and R. A. Rivero. 2000. A New Treefrog from the Sierra de Aroa, Northern Venezuela. *Journal of Herpetology* 34:80.

Milanovich, J., S. E. Trauth, D. A. Saugey, and R. R. Jordan. 2006. Fecundity, reproductive ecology, and influence of precipitation on clutch size in the western slimy salamander (*Plethodon albagula*). *Herpetologica* 62:292–301.

Milne-Edwards, A. 1919. Description d'une espèce nouvelle de batracien du Sénégal. *Bulletin Du Museum Paris* 1919:454–455.

Minter, L. R. 1995. The advertisement call and other aspects of the reproductive biology of *Breviceps adspersus* Peters (Anura, Microhylidae). *Madoqua* 19:37–44.

Minter, L. R. 1998. Aspects of the Reproductive Biology of *Breviceps*. University of the Witwatersrand, Johannesburg.

Minter, L. R. 2003. Two new cryptic species of *Breviceps* (Anura: Microhylidae) from Southern Africa. *African Journal of Herpetology* 52:9–21.

Miranda, D. B., M. V. Garey, E. L. A. Monteiro-Filho, and M. T. Hartmann. 2008. Sinalização visual e biologia reprodutiva de *Dendropsophus werneri* (Anura: Hylidae) em área de Mata Atlântica no Estado do Paraná, Brasil. *Papéis Avulsos de Zoologia (São Paulo)* 48:335–343.

Miranda, T., M. Ebner, M. Solé, and A. Kwet. 2006. Spatial, seasonal and intrapopulational variation in the diet of *pseudis cardosoi* (anura: hylidae) from the araucária plateau of rio grande do

sul, brazil. *South American Journal of Herpetology* 1:121–130.

Misawa, Y., and M. Matsui. 1999. Age Determination by Skeletochronology of the Japanese Salamander *Hynobius kimurae* (Amphibia, Urodela). *Zoological Science* 16:845–851.

Miyata, K. 1980. A new species of *Atelopus* (Anura: Bufonidae) from the cloud forests of northwestern Ecuador 458:1-11.

Mo, M. 2014. A preliminary evaluation of frog assemblages in the Pilliga forests. *Wetlands (Australia)* 27.

Moen, D. S., and J. J. Wiens. 2009. Phylogenetic evidence for competitively driven divergence: body-size evolution in Caribbean treefrogs (Hylidae: Osteopilus). *Evolution* 63:195-214.

Moen, D. S., D. J. Irschick, and J. J. Wiens. 2013. Evolutionary conservatism and convergence both lead to striking similarity in ecology, morphology and performance across continents in frogs. *Proceedings of the Royal Society B: Biological Sciences* 280:20132156.

Monnet, J.-M., and M. I. Cherry. 2002. Sexual size dimorphism in anurans. *Proceedings of the Royal Society B: Biological Sciences* 269:2301–2307.

MONTANARIN, A. 2010. A new species of *Allobates* (Anura: Aromobatidae) from paleovárzea forest in Amazonas, Brazil. *Zootaxa* 2337:1-17.

Moraes, L. J., Pavan, D., Barros, M. C., and Ribas, C. C. 2016. The combined influence of riverine barriers and flooding gradients on biogeographical patterns for amphibians and squamates in south-eastern Amazonia. *Journal of Biogeography* 43:2113-2124.

Morales, V. R., and P. M. Velazco. 1998. Una especie nueva de *Epipedobates* (Amphibia. Anura, Dendrobatidae) de Peru. *Amphibia Reptilia* 19:369-376.

Moravec, J., and J. Köhler. 2007. A new species of *Chiasmocleis* (Anura: Microhylidae) from the Iquitos region, Amazonian Peru, with possible direct development. *Zootaxa* 1605:59-67.

Moravec, J., I. A. Tuanama, P. E. Pérez, and E. Lehr. 2009. A New Species of *Scinax* (Anura: Hylidae) from the Area of Iquitos, Amazonian Peru. *South American Journal of Herpetology* 4:9–16.

Moravec, J., J. Aparicio, M. Guerrero-Reinhard, G. Calderon, and J. Koehler. 2008. Diversity of small Amazonian *Dendropsophus* (Anura: Hylidae): another new species from northern Bolivia. *Zootaxa* 1918:1-12.

Moreno-Barbosa, S. E., and J. M. Hoyos-Hoyos. 2015. Ontogeny of the diet in Anurans (Amphibia) collected at la vieja river basin in the departamento of Quindio (Colombia). *Caldasia* 36:365–372.

Mori, A. 2009. Predation on a Ryukyu brown frog by *Limnonectes namiyei*. *Akamata* 20.

- Morrison, C., and J.-M. Hero. 2003. Geographic variation in life-history characteristics of amphibians: a review. *Journal of Animal Ecology* 72:270–279.
- Morrison, C., J.-M. Hero, and W. P. Smith. 2001. Mate selection in *Litoria chloris* and *Litoria xanthomera*: Females prefer smaller males. *Austral Ecology* 26:223–232.
- Motta, A. P., R. M. Pirani, E. T. Silva, D. J. Santana, S. Mângia, and R. N. Feio. 2010. New record and distribution extension of *Zachaeus carvalhoi* Izecksohn 1983 (Anura, Cycloramphidae) in south-eastern Brazil. *Herpetology Notes* 3:85-86.
- Mount, R. H. 1975. *The Reptiles and Amphibians of Alabam*. Agricultural Experimental Station, Auburn University Press, Auburn, Alabama.
- Msuya, C. A., K. M. Howell, and A. Channing. 2006. A new species of Running Frog, (Kassina, Anura: Hyperoliidae) from Unguja Island, Zanzibar, Tanzania. *African Journal of Herpetology* 55:113-122.
- Mueses-Cisneros, J. J. 2007. A new species of *Rhaebo* (Anura: Bufonidae) from the Cordillera Occidental of Colombia. *Zootaxa* 1662:53-59.
- Mueses-Cisneros, J. J. 2007. Two new species of the genus *Eleutherodactylus* (Anura: Brachycephalidae) from Valle de Sibundoy, Putumayo, Colombia. *Zootaxa* 1498: 35–43.
- Mueses-Cisneros, J. J., and M. A. Anganoy-Criollo. 2008. Una nueva especie del grupo *Hyloscirtus larinyopygion* (Amphibia: Anura: Hylidae) del suroccidente de Colombia. *Papéis Avulsos de Zoologia (São Paulo)* 48.
- Mueses-Cisneros, J. J., B. Cepeda-Quilindo, and V. Moreno-Quintero. 2008. Una nueva especie de *Epipedobates* (Anura: Dendrobatidae) del suroccidente de Colombia. *Papéis Avulsos de Zoologia (São Paulo)* 48:1-10.
- Müller, H., S. P. Loader, W. Ngalason, K. M. Howell, and D. J. Gower. 2007. Reproduction in Brevicipitid Frogs (Amphibia: Anura: Brevicipitidae)/Evidence from *Probreviceps* M. *Macroductylus*. *Copeia* 2007:726–733.
- Muniz, K. P. R., A. A. Giaretta, W. R. Silva, and K. G. Facure. 2008. Autoecology of *Hypsiboas albopunctatus* (Anura, Hylidae) in an area of Cerrado in southeast of Brazil. *Iheringia. Série Zoologia* 98:254-259.
- Muñoz-Guerrero, J., V. H. Serrano, M. P. Ramírez-Pinilla, and others. 2007. Uso de microhábitat, dieta y tiempo de actividad en cuatro especies simpátricas de ranas hílidas neotropicales (Anura: Hylidae). *Caldasia* 29:413-425.
- Myers, C. W. 1982. Spotted Poison Frogs: Descriptions of Three New *Dendrobates* from Western Amazonia, and Resurrection of a Lost Species from Chiriqui. *American Museum Novitates* 2721:1-

- Myers, C. W. 1987. New generic names for some Neotropical poison frogs (Dendrobatidae). *Papéis Avulsos de Zoologia*. Sao Paulo 36:301-306.
- Myers, C. W., and J. W. Daly. 1976a. Preliminary evaluation of skin toxins and vocalizations in taxonomic and evolutionary studies of poison-dart frogs (Dendrobatidae). *Bulletin of the American Museum of Natural History* 157:173-262.
- Myers, C. W., and J. W. Daly. 1976b. A new species of poison frog (Dendrobates) from Andean Ecuador, including an analysis of its skin toxins. *Occasional papers of the Museum of Natural History, University of Kansas* 59:1-12.
- Myers, C. W., and J. W. Daly. 1979. A name for the poison frog of Cordillera Azul, eastern Peru, with notes on its biology and skin toxins (Dendrobatidae). *American Museum novitates* 2674:1-24.
- Myers, C. W., and J. W. Daly. 1980. Taxonomy and ecology of *Dendrobates bombetes*, a new Andean poison frog with new skin toxins. *American Museum novitates* 2692.
- Myers, C. W., and M. A. Donnelly. 1997. A tepui herpetofauna on a granitic mountain (Tamacuari) in the borderland between Venezuela and Brazil: report from the Phipps Tapirapecó Expedition. *American Museum novitates* 3213:1-71.
- Myers, C. W., and M. A. Donnelly. 2001. Herpetofauna of the Yutaje-Corocoro massif, Venezuela: second report from the Robert G. Goelet American Museum-Terramar expedition to the northwestern tepuis. *Bulletin of the American Museum of Natural History*:1-85.
- Myers, C. W., and M. A. Donnelly. 2008. The Summit Herpetofauna Of Auyantepui, Venezuela: Report From The Robert G. Goelet American Museum/Terramar Expedition. *Bulletin of the American Museum of Natural History* 308:1-147.
- Myers, C. W., and P. A. Burrowes. 1987. A new poison frog (Dendrobates) from Andean Colombia: with notes on a lowland relative. *American Museum Novitates* 2899:1-17.
- Myers, C. W., and T. Grant. 2009. *Anomaloglossus confusus*, a New Ecuadorian Frog Formerly Masquerading as "*Colostethus*" *chocoensis* (Dendrobatoidea: Aromobatidae). *American Museum Novitates* 3659:1-12.
- Myers, C. W., J. W. Daly, and B. Malkin. 1978. A dangerously toxic new frog (*Phyllobates*) used by Emberá Indians of western Colombia, with discussion of blowgun fabrication and dart poisoning. *Bulletin of the American Museum of Natural History* 161:307-366.
- Myers, C. W., J. W. Daly, V. Martínez, and others. 1984. An arboreal poison frog (*Dendrobates*) from western Panama. *American Museum novitates* 2783:1-20.

- Myers, C. W., L. O. Rodríguez, and J. Icochea. 1998. *Epipedobates simulans*, a new cryptic species of poison frog from southeastern Peru, with notes on *E. macero* and *E. petersi* (Dendrobatidae). *American Museum novitates* 3238:1-20.
- Myska, P. 2013. *Viva Natura: Field guide to the Amphibians, Reptiles, Birds and Mammals of Western Mexico*. Petr Myska, Viva Natura.
- Nago, S. G. A., O. Grell, B. Sinsin, and M. Rodel. 2006. The amphibian fauna of Pendjari National Park and surroundings, northern Benin. *Salamandra* 42:93.
- Nair, A., S. V Gopalan, S. George, K. S. Kumar, A. G. F. Teacher, and J. Merilä. 2012. Endemic *Indirana* frogs of the Western Ghats biodiversity hotspot. *Annales Zoologici Fennici* 49:257-286.
- Nali, R. C., and C. P. A. Prado. 2012. Habitat use, reproductive traits and social interactions in a stream-dweller treefrog endemic to the Brazilian Cerrado. *Amphibia-Reptilia* 33:337-347.
- Nanhoe, L. M. R., and P. E. Ouboter. 1987. The distribution of Reptiles and amphibians in the Annapurna-Dhaulagiri region (Nepal). *Zoologische Verhandelingen* 240:1-100.
- Napoli, M. F. 2005. A new species allied to *Hyla circumdata* (Anura: Hylidae) from Serra da Mantiqueira, Southeastern Brazil. *Herpetologica* 61:63-69.
- Napoli, M. F., and B. V. S. Pimenta. 2009. A New Species of the *Bokermannohyla circumdata* Group (Anura: Hylidae) from the Coastal Forests of Bahia, Northeastern Brazil. *Copeia* 2009:674-683.
- Napoli, M. F., and F. A. Juncá. 2006. A new species of the *Bokermannohyla circumdata* group (Amphibia: Anura: Hylidae) from Chapada Diamantina, state of Bahia, Brazil. *Zootaxa* 1244:57-68.
- Napoli, M. F., and U. Caramaschi. 1998. Duas novas espécies de *Hyla* Laurenti, 1768 do Brasil central afins de *H. tritaeniata* Bokermann, 1965 (Amphibia, Anura, Hylidae). *Boletim do Museu Nacional, Nova Série, Zoologia* 391:1-12.
- Napoli, M. F., and U. Caramaschi. 1999a. Variation and description of two new Brazilian *Hyla* of the *H. tritaeniata* complex (Amphibia, Anura, Hylidae). *Boletim do Museu Nacional* 407:1-11.
- Napoli, M. F., and U. Caramaschi. 1999b. Geographic variation of *Hyla rubicundula* and *Hyla anataliasiasi*, with the description of a new species (Anura, Hylidae). *Alytes* 16:165-189.
- Napoli, M. F., and U. Caramaschi. 2004. Two New Species of the *Hyla circumdata* Group from Serra do Mar and Serra da Mantiqueira, Southeastern Brazil, with Description of the Advertisement Call of *Hyla ibitipoca* (Anura, Hylidae). *Copeia* 2004:534-545.
- Napoli, M. F., U. Caramaschi, C. A. G. Cruz, and I. R. Dias. 2011. A new species of flea-toad, genus *Brachycephalus* Fitzinger (Amphibia: Anura: Brachycephalidae), from the Atlantic rainforest of

southern Bahia, Brazil. *Zootaxa* 2739:33-40.

Narayan, E., K. Christi, and C. Morley. 2008. Ecology and reproduction of the endangered Fijian Ground Frog *Platymantis vitianus*-Fiji Islands. *The South Pacific Journal of Natural and Applied Sciences* 26:28-32.

Narvaes, P., and M. T. Rodrigues. 2009. Taxonomic revision of *Rhinella granulosa* species group (Amphibia, Anura, Bufonidae), with a description of a new species. *Arquivos de Zoologia*. São Paulo 40:1-73.

Nasaruddin. 2008. Karakteristik habitat dan beberapa aspek biologi kodok raksasa (*Limnonectes* cf. *grunniens*). *Jurnal veteriner* 9:182-187.

Nayak, S., P. K. Mahapatra, R. K. Mohanty, and S. K. Dutta. 2008. A skeletochronological analysis of age, growth and longevity of the Indian Green Frog *Euphlyctis hexadactylus* (LESSON, 1834). *Herpetozoa* 20:99-107.

Nazan, Ü. 2009. A skeletochronological study of age, growth and longevity in a population of the Caucasian Salamander, *Mertensiella caucasica* (Waga 1876)(Caudata: Salamandridae) from Turkey. *North-Western Journal of Zoology* 5:74-84.

Neang, T., S. Chhin, M. Meang, and S. Hun. 2013. Confirmation of three species of Megophryid frogs (Amphibia. Cambodian Journal of Natural History:66.

Nelson, C. E., and J. Lescure. 1975. The taxonomy and distribution of *Myersiella* and *Synapturanus* (Anura: Microhylidae). *Herpetologica*:389-397.

Ngo, B. V, N. T. Hoang, and C. D. Ngo. 2014. Diet of the Bannan Caecilian *Ichthyophis bannanicus* (Amphibia: Gymnophiona: Ichthyophiidae) in the Mekong Delta, Vietnam. *Journal of Herpetology* 48:506–513.

Nguyen, T. Q., T. M. Phung, M. D. Le, T. Ziegler, and W. Böhme. 2013. First Record of the Genus *Oreolalax* (Anura: Megophryidae) from Vietnam with Description of a New Species. *Copeia* 2013:213–222.

Nguyen, T., M. Matsui, K. Eto, and others. 2014. A New Cryptic Tree Frog Species Allied to *Kurixalus banaensis* (Anura: Rhacophoridae) from Vietnam. *Russian Journal of Herpetology* 21:295-302.

Nishikawa, K., M. Matsui, and N. L. Orlov. 2012a. A New Striped *Ichthyophis* (Amphibia: Gymnophiona: Ichthyophiidae) from Kon Tum Plateau, Vietnam. *Current Herpetology* 31:28–37.

Nishikawa, K., M. Matsui, H.-S. Yong, N. Ahmad, P. Yambun, D. M. Belabut, A. Sudin, A. Hamidy, N. L. Orlov, H. Ota, N. Yoshikawa, A. Tominaga, and T. Shimada. 2012b. Molecular phylogeny and biogeography of caecilians from Southeast Asia (Amphibia, Gymnophiona, Ichthyophiidae), with

special reference to high cryptic species diversity in Sundaland. *Molecular Phylogenetics and Evolution* 63:714–723.

Nishikawa, K., M. Matsui, P. Y. Imbun, M. B. Lakim, and M. Mohamed. 2008. Field observation of egg brooding in the caecilian *Caudacaecilia asplenia* from Sabah, Malaysia (Amphibia: Gymnophiona: Ichthyophiidae). *The Raffles Bulletin of Zoology* 56:205–208.

Noble, G. K. 1918. The amphibians collected by the American Museum Expedition to Nicaragua in 1916. *Bulletin of the AMNH* 38.

Nollert, A., and C. Nollert. 1992. *Die Amphibien Europas. Bestimmung-Gefährdung-Schutz*. Franckh-Kosmos Verlags-GmbH & Co., Stuttgart.

Nomura, F., D. de C. Rossa-Feres, and V. H. M. do Prado. 2003. The tadpole of *Physalaemus fuscomaculatus* (Anura: Leptodactylidae), with a description of internal oral morphology. *Zootaxa* 370:1.

Nopper, C. B., R. Diaz, M. K. Fujita, M. Gil, and H. Gabriel. 2012. The genus *Astylosternus* in the Upper Guinea rainforests, West Africa, with the description of a new species (Amphibia: Anura: Arthroleptidae). *Zootaxa* 3245:1–29.

Nopper, J., and L. N. Gonwouo. 2012. New data on the distribution and morphology of the West African squeaker frog *Arthroleptis langeri* Rödel, Doumbia, Johnson & Hillers, 2009 (Amphibia: Anura: Arthroleptidae). *Zootaxa* 3170:64–68.

Norman, D. R., and L. Naylor. 1994. *Anfibios y reptiles del Chaco Paraguayo*. DR Norman.

Norris, R. M. 2002. *Morphology and systematics of the Solomon Island Ranid frogs*. University of Adelaide, Dept. of Environmental Biology.

Norval, G., S.-C. Huang, J.-J. Mao, S. R. Goldberg, and Y.-J. Yang. 2014. Notes on the diets of five amphibian species from southwestern Taiwan. *Alytes* 30:69–77.

Numazawa, M., and S. Sengoku. 2011. Observations on the Reproduction in Captivity of the Mona Coqui Eleutherodactylus *monensis* (Anura: Leptodactylidae) from Puerto Rico. *Current Herpetol.* 30:181–186.

Nunes, I., and J. P. Jr. 2010. A new *Scinax* Wagler (Amphibia, Anura, Hylidae) from the Atlantic Rain Forest remains of southern State of Bahia, North-eastern Brazil. *Amphibia-Reptilia* 31:347–353.

Nunes, I., and J. P. Pombal. 2011. A New Snouted Treefrog of the Speciose Genus *Scinax* Wagler (Anura, Hylidae) from Northeastern Brazil. *Herpetologica* 67:80–88.

Nunes, I., R. R. Carvalho Jr, and E. G. Pereira. 2010. A new species of *Scinax* Wagler (Anura:

Hylidae) from Cerrado of Brazil. *Zootaxa* 2514:24-34.

Nunez, J. J., F. E. Rabanal, and J. R. Formas. 2012. Description of a new species of *Eupsophus* (Amphibia: Neobatrachia) from the Valdivian Coastal range, Southern Chile: an integrative taxonomic approach. *Zootaxa* 3305:53-68.

Nussbaum, R. A. 1977. Rhinatrematidae: a new family of caecilians (Amphibia: Gymnophiona). *Occasional Papers of the Museum of Zoology University of Michigan* 682:1-30.

Nussbaum, R. A. 1985. Systematics of caecilians (Amphibia: Gymnophiona) of the family Scolecomorphidae. *Occasional Papers of The Museum of Zoology University of Michigan* 713:1-49.

Nussbaum, R. A., and C. K. Tait. 1977. Aspects of the Life History and Ecology of the Olympic Salamander, *Rhyacotriton olympicus* (Gauge). *American Midland Naturalist* 98:176.

Nussbaum, R. A., and H. Hinkel. 1994. Revision of East African Caecilians of the Genera *Afrocaecilia* Taylor and *Boulengerula* Tornier (Amphibia: Gymnophiona: Caeciliidae). *Copeia* 1994:750.

Nussbaum, R. A., and M. E. Pfrender. 1998. Revision of the African caecilian genus *Schistometopum* Parker (Amphibia: Gymnophiona: Caeciliidae). *Miscellaneous publications of the Museum of Zoology University of Michigan* 187.

O'Neill, E. M., and J. R. Mendelson. 2004. Taxonomy of Costa Rican toads referred to *Bufo melanochlorus* Cope, with the description of a new species. *Journal of Herpetology* 38:487-494.

Ohler, A., A. Teynié, and P. David. 2004. A green-eyed *Leptobrachium* (Anura: Megophryidae) from southern Laos. *The Raffles Bulletin of Zoology* 52:695-700.

Ohler, A., and M. Delorme. 2006. Well known does not mean well studied: Morphological and molecular support for existence of sibling species in the Javanese gliding frog *Rhacophorus reinwardtii* (Amphibia, Anura). *Comptes Rendus Biologies* 329:86-97.

Ohler, A., K. C. Wollenberg, S. Grosjean, R. Hendrix, M. Vences, T. Ziegler, and A. Dubois. 2011. Sorting out *Lalos*: description of new species and additional taxonomic data on megophryid frogs from northern Indochina (genus *Leptolalax*, Megophryidae, Anura). *Zootaxa* 3147:1-83.

Ohler, A., K. Deuti, S. Grosjean, S. Paul, A. K. Ayyaswamy, M. F. Ahmed, and S. K. Dutta. 2009. Small-sized dicroglossids from India, with the description of a new species from West Bengal, India. *Zootaxa* 2209:43-56.

Ohler, A., O. Marquis, S. Swan, and S. Grosjean. 2000. Amphibian biodiversity of Hoang Lien Nature Reserve (Lao Cai Province, northern Vietnam) with description of two new species. *Herpetozoa* 13:71-87.

- Ohler, A., S. R. Swan, and J. C. Daltry. 2002. A recent survey of the amphibian fauna of the Cardomom Mountains, Southwest Cambodia with descriptions of three new species. *Raffles Bulletin of Zoology* 50:465-482.
- Olalla-Tárraga, M. Á., J. A. F. Diniz-Filho, R. P. Bastos, and M. Á. Rodríguez. 2009. Geographic body size gradients in tropical regions: water deficit and anuran body size in the Brazilian Cerrado. *Ecography* 32:581–590.
- Olgun, K., A. Avci, N. Uzum, and C. Miaud. 2005. Age, size and growth of the southern crested newt *Triturus karelinii* (Strauch 1870) in a population from Bozdag (Western Turkey). *Amphibia-Reptilia* 26:223–230.
- Oliveira, V. F., T. M. Dias, and T. G. dos Santos. 2014. Multiple amplexus and spawning in the leaf frog *Phyllomedusa iheringii* (Hylidae, Phyllomedusinae). *Herpetology Notes* 7:119-120.
- Oliver-López, L., Woolrich, G. A., and Lemos-Espinal, J. A. 2009. La familia Bufonidae en México. UNAM-CONABIO. México, 140 pp.
- oliver, J. A. 1949. The peripatetic toad. *Natural History* 58:30-33.
- Oliver, L. A., E. N. Rittmeyer, F. Kraus, S. J. Richards, and C. C. Austin. 2013. Phylogeny and phylogeography of *Mantophryne* (Anura: Microhylidae) reveals cryptic diversity in New Guinea. *Molecular phylogenetics and evolution* 67:600-607.
- Oliver, P. M., and S. J. Richards. 2007. A new species of montane stream-dwelling *Litoria* from Papua, Indonesia (Anura: Hylidae). *Hamadryad* 31:299.
- Oliver, P. M., D. Stuart-Fox, and S. J. Richards. 2008. A New Species of Treefrog (Hylidae, *Litoria*) from the Southern Lowlands of New Guinea. *Current Herpetology* 27:35–42.
- Oliver, P., S. J. Richards, B. Tjaturadi, and D. Iskandar. 2007. A new large green species of *Litoria* (Anura: Hylidae) from western New Guinea. *Zootaxa* 1519:17-26.
- Onadeko, A. B., and M. O. Rödel. 2009. Anuran surveys in south-western Nigeria. *Salamandra* 45:1-14.
- Orrico, V. G. D., M. M. Mongin, and A. Carvalho-Silva. 2007. The tadpole of *Hypsiboas latistriatus* (Caramaschi and Cruz, 2004), a species of the *Hypsiboas polytaenius* (Cope, 1870) clade (Amphibia, Anura, Hylidae). *Zootaxa* 1531:25-37.
- Orrico, V. G. D., P. L. V. Peloso, M. J. Sturaro, H. F. da Silva-Filho, S. Neckel-Oliveira, M. Gordo, J. Faivovich, and C. F. B. Haddad. 2014. A new “Bat-Voiced” species of *Dendropsophus* Fitzinger, 1843 (Anura, Hylidae) from the Amazon Basin, Brazil. *Zootaxa* 3881:341-361.
- Orrico, V. G. D., W. E. Duellman, M. B. Souza, and C. F. B. Haddad. 2013. The Taxonomic Status

- of *Dendropsophus allenorum* and *Dendropsophus timbeba* (Anura: Hylidae). *Journal of Herpetology* 47:615–618.
- Ortega-Andrade, H. M., J. Bermingham, C. Aulestia, and C. Paucar. 2010. Herpetofauna of the Bilsa Biological Station, province of Esmeraldas, Ecuador. *Check List* 6:119-154.
- Ortiz, J. C., H. Ibarra-Vidal, and J. R. Formas. 1989. A new species of *Eupsophus* (Anura: Leptodactylidae) from Contulmo, Nahuelbuta range, southern Chile. *Proceedings of the Biological Society of Washington* 102:1031-1035.
- Ouboter, P. E., and R. Jairam. 2012. *Amphibians of Suriname*. Brill Academic Publishers.
- Ovaska, K. 1991a. Diet of the Frog *Eleutherodactylus johnstonei* (Leptodactylidae) in Barbados, West Indies. *Journal of Herpetology* 25:486.
- Ovaska, K. 1991b. Reproductive Phenology, Population Structure, and Habitat Use of the Frog *Eleutherodactylus johnstonei* in Barbados, West Indies. *Journal of Herpetology* 25:424.
- Ovaska, K. E., and J. Caldbeck. 1997. Courtship Behavior and Vocalizations of the Frogs *Eleutherodactylus antillensis* and *E. cochranae* on the British Virgin Islands. *Journal of Herpetology* 31:149.
- Ovaska, K. E., and J. Caldbeck. 1999. Courtship Call of the Frog *Eleutherodactylus schwartzi* from the British Virgin Islands. *Journal of Herpetology* 33:501.
- Ovaska, K., and A. R. Estrada. 2003. *Eleutherodactylus antillensis* (Coquí Churí). *Reproduction. Herpetological Review* 34:229.
- Pacheco, Á. A. V.-Á., and A. Quevedo. 2006. Two new and exceptional poison dart frogs of the genus *Dendrobates* (Anura: Dendrobatidae) from the Northeastern Flank of the cordillera Central of Colombia. *Zootaxa* 1259:39-54.
- Padial, J. M., J. C. Chaparro, and I. De La Riva. 2008. Systematics of *Oreobates* and the *Eleutherodactylus discoidalis* species group (Amphibia, Anura), based on two mitochondrial DNA genes and external morphology. *Zoological Journal of the Linnean Society* 152:737-773.
- Padial, J. M., J. C. Chaparro, J. Koehler, and I. De La Riva. 2009. Rediscovery, resurrection and redescription of *Rhinella leptoscelis* (Boulenger, 1912)(Anura: Bufonidae). *Zootaxa* 2115:56-64.
- Padial, J. M., L. Gonzáles, and I. De la Riva. 2005. A new species of the *Eleutherodactylus discoidalis* group (Anura: Leptodactylidae) from Andean Humid Montane Forests of Bolivia. *Herpetologica* 61:318–325.
- Padial, J. M., S. Castroviejo-Fisher, J. Köhler, E. Domic, and I. De la Riva. 2007. Systematics of the *eleutherodactylus Fraudator* species group (Anura: Brachycephalidae). *Herpetological Monographs*

21:213.

Padial, J. M., S. Reichle, R. W. McDiarmid, and I. De La Riva. 2006. A new species of arboreal toad (Anura: Bufonidae: Chaunus) from Madidi National Park, Bolivia. *Zootaxa* 1278:57-58.

Paez-Vacas, M. I., L. A. Coloma, and J. C. Santos. 2010. Systematics of the *Hyloxalus bocagei* complex (Anura: Dendrobatidae), description of two new cryptic species, and recognition of *H. maculosus*. *Zootaxa* 2711:1-75.

Pancharatna, K., and S. A. Deshpande. 2003. Skeletochronological data on age, body size and mass in the Indian Cricket Frog *Limnonectes limnocharis* (Boie, 1835). *Herpetozoa* 16:41-50.

Pancharatna, K., and S. M. Kumbar. 2005. Estimation of age and longevity of the Indian Bullfrog *Hoplobatrachus tigerinus* (Daudin, 1802): A skeletochronological study. *Herpetozoa* 18:147-153.

Pansonato, A., R. W. Avila, R. A. Kawashita-Ribeiro, and D. H. Morais. 2011. Advertisement call and new distribution records of *Hypsiboas leucocheilus* (Anura: Hylidae). *Salamandra* 47:55-58.

Papenfuss, T. J., D. B. Wake, and K. Adler. 1983. Salamanders of the Genus *Bolitoglossa* from the Sierra Madre del Sur of Southern Mexico. *Journal of Herpetology* 17:295.

Parajuli, Y. R., P. B. Budha, and K. B. Shah. 2005. Food habits of *Hoplobatrachus tigerinus* (Daudin, 1802), *Limnonectes nepalensis* (Dubois, 1975) and *Bufo stomaticus* Lütken, 1862 (Amphibia: Anura) in Pokhara Valley. *Journal of Natural History Museum* 22:134-139.

Parker, H. W. 1936. Amphibians from Liberia and the Gold Coast. *Zoologische Mededelingen* 19:87-102.

Parra-Olea, G., M. García-París, J. Hanken, and D. B. Wake. 2004. A new species of arboreal salamander (Caudata: Plethodontidae: Pseudoeurycea) from the mountains of Oaxaca, Mexico. *Journal of Natural History. London* 38:2119–2131.

Parra-Olea, G., S. M. Rovito, L. Marquez-Valdelamar, G. Cruz, R. Murrieta-Galindo, D. B. Wake. 2010. A new species of *Pseudoeurycea* from the cloud forest in Veracruz, Mexico. *Zootaxa* 2725:57-68.

Pauwels, O. S. G., and F. Chérot. 2006. Translation of the original description of *Kaloula aureata* Nutphand, 1989 (Anura: Microhylidae), with lectotype designation. *Hamadryad* 30:172.

Pauwels, O., and D. Meirte. 1996. Contribution to the knowledge of the Gambian herpetofauna. *British Herpetological Society Bulletin* 36:27-34.

Peacock, R. L., and R. A. Nussbaum. 1973. Reproductive Biology and Population Structure of the Western Red-Backed Salamander, *Plethodon vehiculum* (Cooper). *Journal of Herpetology* 7:215.

Pefaur, J. E. 1985. New Species of Venezuelan *Colostethus* (Dendrobatidae). *Journal of*

Herpetology 19:321.

Peixoto, O. L., and C. A. G. da Cruz. 1992. New species of *Hyla* from the Serra da Mantiqueira, Itatiaia, Rio de Janeiro State-(Amphibia, Anura, Hylidae). *Memórias do Instituto Oswaldo Cruz* 87:197-200.

Pengilley, R. K. 1971. The food of some Australian anurans (Amphibia). *Journal of Zoology* 163:93–103.

Penman, T. D., F. L. Lemckert, and M. J. Mahony. 2008. Spatial ecology of the giant burrowing frog (*Heleioporus australiacus*): implications for conservation prescriptions. *Aust. J. Zool.* 56:179.

Penman, T., F. Lemckert, and M. Mahony. 2004. Two hundred and ten years looking for the Giant Burrowing Frog. *Zoologist* 32:4.

Peres, J., and J. E. Simon. 2012. *Physalaemus maximus* Feio, Pombal Jr. and Caramaschi: distribution extension and advertisement call. *Check List* 8:507-509.

Pérez-Peña, P. E., G. Chavez, E. Twomey, and J. L. Brown. 2010. Two new species of *Ranitomeya* (Anura: Dendrobatidae) from eastern Amazonian Peru. *Zootaxa* 2439:1-23.

Pérez, L. G., and Heyer, W. R. 1993. Description of the advertisement call and resolution of the systematic status of *Leptodactylus gracilis delattini* Müller, 1968 (Amphibia: Leptodactylidae). *Proc. Biol. Soc. Wash.* 106:51-56.

Perry, G. 2009. First record of the frog *Eleutherodactylus lentus* in the British Virgin Islands: Conservation implications of native or introduced status. *Applied Herpetology* 6:185-187.

Pertel, W., R. L. Teixeira, and R. B. Ferreira. 2010. Comparison of diet and use of bromeliads between a bromelicolous and a bromeligenous anuran at an inselberg in the southeastern of Brazil. *Caldasia* 32:149-159.

Pethiyagoda, R., K. Manamendra-Arachchi, and H. Sudasinghe. 2015. Underwater and Terrestrial Feeding in the Sri Lankan Wart-Frog, *Lankanectes corrugatus*. *Ceylon Journal of Science (Biological Sciences)* 43:79.

Pfingsten, R.A. 1989. *Plethodon cinereus* (Green), redback salamander. Pp. 229–242. In Pfingsten, R.A. and F.L. Downs (Eds.), *Salamanders of Ohio*. Bulletin of the Ohio Biological Society 7(2), College of Biological Sciences, Ohio State University, Columbus, Ohio.

Pham, C. T., A. Dogra, A. Gawor, A. Rauhaus, G. Kloeble, T. Q. Nguyen, and T. Ziegler. 2015. First record of *Amolops cremnobatus* from Thanh Hoa Province, Vietnam, including an extended tadpole description and the first larval staging for *Amolops*. *Salamandra* 51:111-120.

Phimmachak, S., B. L. Stuart, and N. Sivongxay. 2012. Distribution, Natural History, and

Conservation of the Lao Newt (*Laotriton laoensis*) (Caudata: Salamandridae). *Journal of Herpetology* 46:120–128.

Pike, Z. 2015. *Cryptobrachus alleganiensis* (On-line), Animal Diversity Web. Accessed October 07, 2016 at http://animaldiversity.org/accounts/Cryptobrachus_alleganiensis/

Pillai, R. S., and M. S. Ravichandran. 2005. *Gymnophiona* (Amphibia) of India. *Zoological Survey of India*.

Pimenta, B. V. S., and U. Caramaschi. 2007. New species of toad, genus *Frostius* Cannatella, 1986, from the Atlantic rain forest of Bahia, Brazil (Amphibia, Anura, Bufonidae). *Zootaxa* 1508:61–68.

Pimenta, B. V. S., J. Faivovich, and J. P. Pombal Jr. 2007. On the identity of *Hyla strigilata* Spix, 1824 (Anura; Hylidae): redescription and neotype designation for a “ghost” taxon. *Zootaxa* 1441:35–49.

Pimenta, B., and S. Carvalho-e-Silva. 2004. *Proceratophrys schirchi*. The IUCN Red List of Threatened Species. Available at: <http://dx.doi.org/10.2305/IUCN.UK.2004.RLTS.T57308A11616332.en>.

Pimenta, B., C. A. G. Cruz, and U. Caramaschi. 2014b. Taxonomic review of the species complex of *Crossodactylus dispar* A. Lutz, 1925 (Anura, Hylodidae). *Arquivos de Zoologia* 45:1–33.

Pimenta, B., D. Costa, R. Murta-Fonseca, and T. Pezzuti. 2014a. *Anfíbios: Alvorada de Minas, Conceição do Mato Dentro, Dom Joaquim: Minas Gerais*. Bicho do Mato Editora.

Pino, E. M. Del, M.-E. Avila, O. D. Perez, M.-S. Benitez, I. Alarcon, V. Noboa, and I. M. Moya. 2004b. Development of the dendrobatid frog *Colostethus machalilla*. *Int. J. Dev. Biol.* 48:663–670.

Pinya, S., and Perez-Mellado, V. 2014. Clutch size in wild populations of *Alytes muletensis*. *Acta Herpetologica* 9:115–117.

Pirani, R. M., L. B. Nascimento, and R. N. Feio. 2013. Anurans in a forest remnant in the transition zone between cerrado and atlantic rain forest domains in southeastern Brazil. *Anais da Academia Brasileira de Ciências* 85:1093–1104.

Plath, M., H.-W. Herrmann, and W. Böhme. 2006. New Frog Species of the Genus *Phrynobatrachus* (anura: Phrynobatrachidae) from Mt. Nlonako, Cameroon. *Journal of Herpetology* 40:486–495.

Platz, J. E., A. Lathrop, L. Hofbauer, and M. Vradenburg. 1997. Age Distribution and Longevity in the Ramsey Canyon Leopard Frog, *Rana subaquavocalis*. *Journal of Herpetology* 31:552.

Poelman, E. H., and M. Dicke. 2006. Offering offspring as food to cannibals: oviposition strategies of Amazonian poison frogs (*Dendrobates ventrimaculatus*). *Evolutionary Ecology* 21:215–227.

Pombal jr, j. P. 1997. Distribuição espacial e temporal de anuros (Amphibia) em uma poça

permanente na Serra de Paranapiacaba, sudeste do Brasil. *Revista Brasileira de Biologia* 57:583-594.

Pombal Jr, J. P., and C. F. B. Haddad. 1993. *Hyla luctuosa*, a new treefrog from southeastern Brazil (Amphibia: Hylidae). *Herpetologica* 49:16-21.

Pombal jr, j. P., and M. Gordo. 1991. Duas novas espécies de *Hyla* da Floresta Atlântica no estado de São Paulo. *Mem. Inst. Butantan* 53:135-144.

Pombal Jr, J. P., G. M. Prado, and C. Canedo. 2003. A new species of giant torrent frog, genus *Megaelosia*, from the Atlantic Rain Forest of Espírito Santo, Brazil (Amphibia: Leptodactylidae). *Journal of Herpetology* 37:453-466.

Pombal, J. P. 2001. A new species of *Brachycephalus* (Anura: Brachycephalidae) from atlantic rain forest of southeastern Brazil. *Amphibia-Reptilia* 22:179-185.

Pombal, J. P. 2001. A new species of *Brachycephalus* (Anura: Brachycephalidae) from Atlantic rain forest of southeastern Brazil. *Amphibia-Reptilia* 22:179–185.

Pombal, J. P., and J. L. Gasparini. 2006. A new *Brachycephalus* (Anura: Brachycephalidae) from the Atlantic Rainforest of Espírito Santo, Southeastern Brazil. *South American Journal of Herpetology* 1:87–93.

Pombal, J. P., C. F. B. Haddad, and C. A. G. Cruz. 2003. New Species of *Phrynohyas* from Atlantic Rain Forest of Southeastern Brazil (Anura, Hylidae). *Copeia* 2003:379–383.

Pombal, J. P., C. F. B. Haddad, and S. Kasahara. 1995. A New Species of *Scinax* (Anura: Hylidae) from Southeastern Brazil, with Comments on the Genus. *Journal of Herpetology* 29:1.

Pombal, J. P., C. F. B. Haddad, J. P. Pombal, and C. F. B. Haddad. 1999. Frogs of the Genus *Paratelmatobius* (Anura: Leptodactylidae) with Descriptions of Two New Species. *Copeia* 1999:1014.

Pombal, J. P., E. M. Wistuba, and M. R. Bornschein. 1998. A New Species of *Brachycephalid* (Anura) from the Atlantic Rain Forest of Brazil. *Journal of Herpetology* 32:70.

Pombal, J. P., I. Sazima, and C. F. B. Haddad. 1994. Breeding Behavior of the Pumpkin Toadlet, *Brachycephalus ephippium* (Brachycephalidae). *Journal of Herpetology* 28:516.

Pombal, J. P., M. Bilate, P. G. Gambale, L. Signorelli, and R. P. Bastos. 2011. A New Miniature Treefrog of the *Scinax ruber* Clade from the Cerrado of Central Brazil (Anura: Hylidae). *Herpetologica* 67:288–299.

Pombal, J. P., R. N. Feio, and C. F. B. Haddad. 2002. A new species of torrent frog genus *Hylodes* (Anura: Leptodactylidae) from Southeastern Brazil. *Herpetologica* 58:462–471.

- Ponssa, M. L., M. J. Jowers, and R. O. de Sá. 2010. Osteology, natural history notes, and phylogenetic relationships of the poorly known Caribbean frog *Leptodactylus nesiotus* (Anura, Leptodactylidae). *Zootaxa* 2646:1-25.
- Pontes, J. A. L., R. C. Pontes, C. P. Santa-Fé, and V. Martins. 2010. Amphibia, Anura, Leiuperidae, *Physalaemus soaresi* Izecksohn, 1965: New record, distribution extension and geographic distribution map. *Check List* 6:159.
- Pontes, R. C., R. A. Murta-Fonseca, A. C. C. Lourenço, D. B. Maciel, A. dos Reis Martins, and L. de Oliveira Ramos. 2012. New records and updated distribution map of *Gastrotheca albolineata* (Lutz and Lutz, 1939) (Amphibia: Anura: Hemiphractidae). *Check List* 8:158-160.
- Pontes, R. C., R. T. Santori, F. C. G. e Cunha, and J. A. L. Pontes. 2013. Habitat selection by anurofauna community at rocky seashore in coastal Atlantic Forest, Southeastern Brazil. *Brazilian Journal of Biology* 73:533–542.
- Pope, C. H., and others. 1929. Four new frogs from Fukien Province, China. *American Museum novitates* 352:1-5.
- Porras, L., and L. D. Wilson. 1987. A New Species of *Hyla* from the Highlands of Honduras and El Salvador. *Copeia* 1987:478.
- Porter, K. R., and J. L. Vial. 1974. Evolutionary Biology of the Anurans. *Contemporary Research on Major Problems*. *Copeia* 1974:1010.
- Poynton, J. C. 1991. Amphibians of southeastern Tanzania, with special reference to *Stephopaedes* and *Mertensophryne* (Bufonidae). *Bulletin of the Museum of comparative zoology* 152:451-473.
- Poyarkov Jr, N. A., A. B. Vassilieva, N. L. Orlov, E. A. Galoyan, D. T. A. Tran, D. T. T. Le, V. D. Kretova, and P. Geissler. 2014. Taxonomy and distribution of narrow-mouth frogs of the genus *Microhyla* Tschudi, 1838 (Anura: Microhylidae) from Vietnam with descriptions of five new species. *Russ. J. Herpetol* 21:89-148.
- Poynton, J. C. 1963. Descriptions of southern African amphibian. *Annals of the Natal Museum* 15:319-332.
- Poynton, J., S. P. Loader, and M. Menegon. 2008. A new giant species of *Arthroleptis* (Amphibia: Anura) from the forests of the Nguru Mountains, Tanzania. *African Journal of Herpetology* 57:63–74.
- Prado, C. P. de A. 2003. Estratégias reprodutivas em uma comunidade de anuros no Pantanal, Estado de Mato Grosso do Sul, Brasil. Universidade Estadual Paulista.
- Prado, C., and C. F. B. Haddad. 2005. Size-fecundity relationships and reproductive investment in female frogs in the Pantanal, south-western Brazil. *The Herpetological Journal* 15:181-189.

- Prado, G. M., and J. P. Pombal Jr. 2008. Espécies de *Proceratophrys* Miranda-Ribeiro, 1920 com apêndices palpebrais (Anura; Cycloramphidae). *Arquivos de Zoologia* 39:1-85.
- Prado, g. M., and Jos. P. Pombal jr. 2005. Distribuição espacial e temporal dos anuros em um brejo da Reserva Biológica de Duas Bocas, sudeste do Brasil. *Arquivos do Museu Nacional* 63:685-705.
- Pramuk, J. B., and F. Kadivar. 2003. A new species of *Bufo* (Anura: Bufonidae) from southern Ecuador. *Herpetologica* 59:270-283.
- Preininger, D., M. Bockle, and W. Hodl. 2007. Comparison of anuran acoustic communities of two habitat types in the Danum Valley Conservation Area, Sabah, Malaysia. *Salamandra* 43:129.
- Prigioni, C. M., and J. A. Langone. 2004. Una nueva especie de *Melanophryniscus* Gallardo, 1961, de Argentina y Paraguay:(Amphibia, Anura, Bufonidae). *Comunicaciones Zoologicas del Museo de Historia Natural de Montevideo* 12:1-12.
- Provete, D. B., M. V Garey, L. F. Toledo, J. Nascimento, L. B. Lourenço, D. de C. Rossa-Feres, and C. F. B. Haddad. 2012. Redescription of *Physalaemus barrioi* (Anura: Leiuperidae). *Copeia* 2012:507–518.
- Pueta, M., and M. Gabriela Perotti. 2013. Feeding habits of juvenile *Chacophrys pierottii* (ceratophryidae-ceratophryinae) from Northwestern Cordoba province, Argentina. *Herpetological Conservation and Biology* 8:376-384.
- Pugliese, A., D. Baeta, and J. P. Pombal Jr. 2009. A new species of *Scinax* (Anura: Hylidae) from rocky montane fields in southeastern and central Brazil. *Zootaxa* 2269:53-64.
- Pugliese, A., J. P. Pombal Júnior, and I. Sazima. 2004. A new species of *Scinax* (Anura: Hylidae) from rocky montane fields of the Serra do Cipó, Southeastern Brazil. *Zootaxa* 688:1-15.
- Pupin, N. C. 2011. Padrões de alocação reprodutiva em espécies de *Physalaemus* (Anura: Leiuperidae) de áreas abertas e florestadas. Universidade Estadual Paulista (UNESP).
- Pupin, N. C., J. L. Gasparini, R. P. Bastos, C. F. B. Haddad, and C. Prado. 2010. Reproductive biology of an endemic *Physalaemus* of the Brazilian Atlantic forest, and the trade-off between clutch and egg size in terrestrial breeders of the *P. signifer* group. *The Herpetological Journal* 20:147-156.
- Purkayastha, J., and M. Matsui. 2012. A new species of *Fejervarya* (Anura: Dicroglossidae) from Mawphlang, northeastern India. *Asian Herpetological Research* 3:31-37.
- Pyburn, W. F. 1961. The inheritance and distribution of vertebral stripe color in the cricket frog. *Smith III*:235-261.
- Pyburn, W. F. 1970. Breeding Behavior of the Leaf-Frogs *Phyllomedusa callidryas* and

- Phyllomedusa dacnicolor in Mexico. *Copeia* 1970:209.
- Pyburn, W. F. 1973. A New Hyliid Frog from the Llanos of Colombia. *Journal of Herpetology* 7:297.
- Pyburn, W. F., and D. H. Hall. 1984. A new stream-inhabiting treefrog (Anura: Hylidae) from southeastern Colombia. *Herpetologica* 40:366-372.
- Pyburn, W. F., and M. J. Fouquette. 1971. A New Striped Treefrog from Central Colombia. *Journal of Herpetology* 5:97.
- Pyke, G., and A. White. 2001. A Review of the Biology of the Green and Golden Bell Frog *Litoria aurea*. *Australian Zoologist* 31:563-598.
- Quevedo, A. 2007. A new species of poison frog (Amphibia: Dendrobatidae) from the Andean mountains of Tolima, Colombia. *Zootaxa* 1638:59-68.
- Quiguango-Ubillús, A., and L. A. Coloma. 2008. Notes on behaviour, communication and reproduction in captive *Hyloxalus toachi* (Anura: Dendrobatidae), an Endangered Ecuadorian frog. *International Zoo Yearbook* 42:78–89.
- Quintero-Díaz, G. E. & J. Vázquez-Díaz. 2009. Historia natural de una rana muy mexicana. Universidad Autónoma de Aguascalientes. Mexico, Aguascalientes. 169pp.
- Rabb, G. B. 1955. A new salamander of the genus *Parvimolge* from Mexico. *Breviora. Museum of Comparative Zoology, Cambridge, Massachusetts* 42:1–9.
- Rabb, G. B., and M. S. Rabb. 1963. On the behavior and breeding biology of the African pipid frog: *Hymenochirus boettgeri*. *Zeitschrift für Tierpsychologie* 20:215–241.
- Rabor, D. S. 1952. Preliminary Notes on the Giant Toad, *Bufo marinus* (Linn.), in the Philippine Islands. *Copeia* 1952:281.
- Raffaëlli, J. 2007. Les urodèles du monde. Penclen édition. France. 377 pp.
- Rakotoarison, A., F. Glaw, D. R. Vieites, N. R. Raminosoa, and M. Vences. 2012. Taxonomy and natural history of arboreal microhylid frogs (*Platypelis*) from the Tsaratanana Massif in northern Madagascar, with description of a new species. *Zootaxa* 3563:1-25.
- Ramírez-Bautista, A., U. Hernández Salinas, U. O. García Vázquez, A. Leyte-Manrique and L. Canseco Márquez. 2009. Herpetofauna del Valle de México: diversidad y conservación. UAEH-CONABIO.
- Ramos, J. Z. P. 2006. Ecologia e biologia reprodutiva de duas espécies simpátricas do gênero *Aplastodiscus* na Serra do Japi, município de Jundiá, Estado de São Paulo. Universidade Estadual Paulista (UNESP).
- Rao, C. R. N. 1937. On some new forms of *Batrachia* from S. India. *Proceedings of the Indian*

Academy of Sciences, Section B 6:387-427.

Rao, D.-Q., and J. A. Wilkinson. 2007. A New Species of *Amolops* (Anura: Ranidae) from Southwest China. *Copeia* 2007:913–919.

Razzetti, E., and C. A. Msuya. 2002. Field guide to the amphibians and reptiles of Arusha National Park (Tanzania). Tanapa.

Read, M. 1986. Reptiles and amphibians. Pages 82-100 in F. Robison, editor. Río Mazán Project, 1986 report. Department of Plan Sciences, University of Oxford.

Reaser, J. K. 2000. Demographic analysis of the Columbia spotted frog (*Rana luteiventris*): case study in spatiotemporal variation. *Can. J. Zool.* 78:1158–1167.

Recoder, R. S., M. Teixeira-Jr, J. Cassimiro, A. G. Camacho, and M. T. Rodrigues. 2010. A new species of *Dendrophryniscus* (Amphibia, Anura, Bufonidae) from the Atlantic Rainforest of southern Bahia, Brazil. *Zootaxa* 2642:36-44.

Reinhard, S., S. Renner, and A. Kupfer. 2015. Age and fecundity in *Salamandra algira* (Caudata: Salamandridae). *Salamandra* 51:19-24.

Reynolds, R. P., and M. S. Foster. 1992. Four New Species of Frogs and One New Species of Snake from the Chapare Region of Bolivia, with Notes on Other Species. *Herpetological Monographs* 6:83.

Ribeiro-Júnior, M. A., R. V Rossi, C. L. Miranda, and T. C. S. Ávila-Pires. 2011. Influence of pitfall trap size and design on herpetofauna and small mammal studies in a Neotropical Forest. *Zoologia (Curitiba, Impr.)* 28:80–91.

Richards, C. M., A. Schiøtz, and A. Schiotz. 1977. A New Species of Reed Frog, *Hyperolius cystocandicans*, from Montane Kenya. *Copeia* 1977:285.

Richards, S. J., A. L. Mack, and C. C. Austin. 2007b. Two new species of *Platymantis* (Anura: Ceratobatrachidae) from the Admiralty Archipelago, Papua New Guinea. *Zootaxa* 1639:41-55.

Richards, S. J., and D. T. Iskandar. 2006. A New Species of Torrent-Dwelling Frog (Hylidae, Litoria) from the Mountains of New Guinea. *Current Herpetology* 25:57–63.

Richards, S. J., and P. M. Oliver. 2007. A New Species of *Cophixalus* (Anura: Microhylidae) from Misima Island, Papua New Guinea 1. *Pacific Science* 61:279–287.

Richards, S. J., C. S. Dahl, and J. Hiaso. 2007a. Another new species of *Choerophryne* (Anura: Microhylidae) from Southern Highlands Province, Papua New Guinea. *Transactions of the Royal Society of South Australia* 131:135-141.

Richards, S. J., G. R. Johnston, and T. C. Burton. 1994. A remarkable new asterophryine microhylid

- frog from the mountains of New Guinea. *Memoirs of the Queensland Museum* 37:281-286.
- Richards, S., and D. Iskandar. 2000. A new minute Oreophryne (Anura: Microhylidae) from the mountains of Irian Jaya, Indonesia. *Raffles Bulletin of Zoology* 48:257-262.
- Ringia, A. M., and K. R. Lips. 2007. Oviposition, early development and growth of the cave salamander, *Eurycea lucifuga*: surface and subterranean influences on a troglomorphic species. *Herpetologica* 63:258–268.
- Rios-Lopez, N., and R. Thomas. 2007. A new species of palustrine *Eleutherodactylus* (Anura: Leptodactylidae) from Puerto Rico. *Zootaxa* 1512:1-64.
- Rivera-Correa, M., and J. Faivovich. 2013. A New Species of *Hyloscirtus* (Anura: Hylidae) from Colombia, with a Rediagnosis of *Hyloscirtus larinygion* (Duellman, 1973). *Herpetologica* 69:298–313.
- Rivero, J. A. 1956. Two new species of *Eleutherodactylus* from Puerto Rico. *Breviora* 103:1-6.
- Rivero, J. A. 1961. *Salientia of Venezuela*. Museum of Comparative Zoology, Cambridge, Massachusetts.
- Rivero, J. A. 1963. *Eleutherodactylus hedricki*, a new species of frog from Puerto Rico (Salientia, Leptodactylidae). *Breviora* 185:81-85.
- Rivero, J. A. 1968. Los centrolénidos de Venezuela. *Memoria de la Sociedad de Ciencias Naturales La Salle* 28:301-334.
- Rivero, J. A. 1969. A new species of *Hyla* (Amphibia, Salientia) from the region of Paramo de Tama, Venezuela. *Caribbean Journal of Science* 9:145-150.
- Rivero, J. A. 1971. Un nuevo e interesante *Dendrobates* (Amphibia, Salientia) de Cerro Yapacana de Venezuela. *Kasmera* 3:389-396.
- Rivero, J. A., and H. Granados-Diaz. 1989. Nuevos *Colostethus* (Amphibia: Dendrobatidae) del Departamento del Cauca Colombia Caribbean. *Journal of Science* 25:145-152.
- Rivero, J. A., and M. A. Serna. 1988. La identificación de los *Colostethus* (Amphibia, Dendrobatidae) de Colombia. *Caribbean Journal of Science* 24:137-154.
- Rivero, J. A., and M. A. Serna. 1995. Nuevos *Colostethus* (Amphibia, Dendrobatidae) del Departamento de Antioquia, Colombia, con la descripción del renacuajo de *Colostethus fraterdanieli*. *Revista de Ecología Latinoamericana* 2:45-58.
- Rivero, J. A., and M. A. Serna. 2012. Dos nuevas especies de *Colostethus* (Amphibia, Dendrobatidae) de Colombia. *Caldasia* 15:525-531.
- Roberto, I. J., S. C. Ribeiro, L. Bezerra, and P. CARNEIRO. 2011. Amphibia, Anura, Hylidae,

Trachycephalus atlas Bokermann, 1966: Distribution extension and geographic distribution map. Check List 7:326-327.

Roberts, J. D., M. Mahony, P. Kendrick, and C. M. Majors. 1991. A new species of burrowing frog, *Neobatrachus* (Anura: Myobatrachidae), from the eastern wheatbelt of Western Australia. Records of the Western Australian Museum 15:23-32.

Rocha, C. F. D., D. Vrcibradic, M. C. Kiefer, C. C. Siqueira, M. Almeida-Gomes, V. N. T. Borges Júnior, F. H. Hatano, A. F. Fontes, J. A. L. Pontes, T. Klaion, and others. 2011. Parameters from the community of leaf-litter frogs from Estação Ecológica Estadual Paraíso, Guapimirim, Rio de Janeiro State, southeastern Brazil. Anais da Academia Brasileira de Ciências 83:1259-1268.

Rocha, C. F. D., Hatano, F. H., Vrcibradic, D., and Van Sluys, M. 2008. Frog species richness, composition and beta-diversity in coastal Brazilian restinga habitats. Brazilian Journal of Biology 68:101-107.

Rödel, M.-O. , and O. S. G. Pauwels. 2003. A new *Leptodactylodon* species from Gabon (Amphibia: Anura: Astylosternidae). Salamandra 39:139-148.

Rödel, M.-O. 2000. Herpetofauna of West Africa: Amphibians of the West African Savanna. Edition Chimaira.

Rödel, M.-O. 2007. The identity of *Hylambates hyloides* Boulenger, 1906 and description of a new small species of *Leptopelis* from West Africa. Zoosystematics and Evolution 83:90-100.

Rödel, M.-O., A. Ohler, and A. Hillers. 2010. A new extraordinary *Phrynobatrachus* (Amphibia, Anura, Phrynobatrachidae) from West Africa. Zoosystematics and Evolution 86:257–261.

Rödel, M.-O., A. Schmitz, O. S. G. Pauwels, and W. Böhme. 2004b. Revision of the genus *Werneria* Poche, 1903, including the descriptions of two new species from Cameroon and Gabon (Amphibia: Anura: Bufonidae). Zootaxa 720:1-28.

Rödel, M.-O., and J. Hallermann. 2006. Rediscovery and identity of *Phrynobatrachus monticola* Fischer, 1884. African Journal of Herpetology 55:69-74.

Rödel, M.-O., and M. A. Bangoura. 2004. A conservation assessment of amphibians in the Forêt Classée du Pic de Fon, Simandou Range, southeastern Republic of Guinea, with the description of a new *Amnirana* species (Amphibia Anura Ranidae). Tropical Zoology 17:201-232.

Rödel, M.-O., and M. Spieler. 2000. Trilingual Keys to the Savannah-anurans of the Comoé National Park, Ivory Coast 37:1-31.

Rödel, M.-O., J. Kosuch, M. Veith, and R. Ernst. 2003. First Record of the Genus *Acanthixalus* Laurent, 1944 from the Upper Guinean Rain Forest, West Africa, with the Description of a New Species. Journal of Herpetology 37:43–52.

- Rödel, M.-O., K. P. Lampert, and K. E. Linsenmair. 2006. Reproductive biology of the west african savannah frog *Hyperolius nasutus* Günther, 1864. *Herpetozoa* 19:3-12.
- Rödel, M.-O., L. Sandberger, J. Penner, Y. Mané, and A. Hillers. 2010. The taxonomic status of *Hyperolius spatzi* Ahl, 1931 and *Hyperolius nitidulus* Peters, 1875 (Amphibia: Anura: Hyperoliidae). *Bonn Zoological Bulletin* 57:177-188.
- Rödel, M.-O., M. Gil, A. C. Agyei, A. D. Leaché, R. E. Diaz, M. K. Fujita, and R. Ernst. 2005. The amphibians of the forested parts of south-western Ghana. *Salamandra* 41:107-127.
- Rodríguez, A., and R. Alonso. 2009. *Eleutherodactylus leberi* (NCN). Clutch size and parental care. *Herpetological Review* 40:204.
- Rodríguez, L. O., and C. W. Myers. 1993. A New Poison Frog from Manu National Park, Southeastern Peru (Dendrobatidae, Epipedobates). *American Museum Novitates* 3068:1-15.
- Rodríguez, L. O., and W. E. Duellman. 1994. Guide to the frogs of the Iquitos region, Amazonian Peru. University of Kansas Natural History Museum Special Publications.
- Rodrigues, D. de J., F. S. Lopes, and M. Uetanabaro. 2003. Reproductive pattern of *Elachistocleis bicolor* (Anura, Microhylidae) at Serra da Bodoquena, Mato Grosso do Sul, Brazil. *Iheringia. Série Zoologia* 93:365-371.
- Rodrigues, D. de J., M. Uetanabaro, and C. P. A. Prado. 2004b. Seasonal and ontogenetic variation in diet composition of *Leptodactylus podicipinus* (Anura, Leptodactylidae) in the southern Pantanal, Brazil. *Rev. Esp. Herp* 18:19-28.
- Rodrigues, D. de J., M. Uetanabaro, and F. S. Lopes. 2004a. Reproductive strategies of *Physalaemus nattereri* (Steindachner, 1863) and *P. albonotatus* (Steindachner, 1864) at Serra da Bodoquena, State of Mato Grosso do Sul, Brazil. *Revista española de herpetología* 18:63-73.
- Rodrigues, D. J., M. Menin, and A. P. Lima. 2007a. Redescription of the tadpole of *Leptodactylus rhodomystax* (Anura: Leptodactylidae) with natural history notes. *Zootaxa* 1509:61-67.
- Rodrigues, D. J., M. Uetanabaro, and F. S. Lopes. 2005. Reproductive patterns of *Trachycephalus venulosus* (Laurenti, 1768) and *Scinax fuscovarius* (Lutz, 1925) from the Cerrado, Central Brazil. *Journal of Natural History* 39:3217-3226.
- Rodrigues, D. J., M. Uetanabaro, and F. S. Lopes. 2007. Breeding biology of *Phyllomedusa azurea* Cope, 1862 and *P. sauvagii* Boulenger, 1882 (Anura) from the Cerrado, Central Brazil. *Journal of Natural History* 41:1841-1851.
- Rodrigues, E. A. S., I. R. Dias, K. P. Cavalcante, and others. 2007b. Análise da dieta de *Leptodactylus spixi* (Anura: Leptodactylidae) de uma cabruca do Sul da Bahia. *Studies on Neotropical Fauna and Environment* 40:23-28.

- Rodriguez, A., D. Poth, S. Schulz, and M. Vences. 2010. Discovery of skin alkaloids in a miniaturized eleutherodactylid frog from Cuba. *Biology Letters* 7:414–418.
- Rodriguez, P. P., Quesada-Mosquera, K., and Rengifo-Mosquera, J. T. 2013. Nuevo registro y ampliación de distribución geográfica para *Agalychnis psilopygion* (Anura: Hylidae: Phyllomedusinae) en el Chocó Biogeográfico de Colombia. *Revista Biodiversidad Neotropical* 3:123-126.
- Roedel, M.-O., J. Doumbia, A. T. Johnson, and A. Hillers. 2009. A new small *Arthroleptis* (Amphibia: Anura: Arthroleptidae) from the Liberian part of Mount Nimba, West Africa. *Zootaxa* 2302:19-30.
- Roedel, M.-O., J. Doumbia, N. Kouame, G. Germain, and L. Sandberger. 2011. *Phrynobatrachus pinto* Hillers, Zimkus & Rodel, 2008 (Amphibia: Anura: Phrynobatrachidae): additional morphological and distribution data. *Zootaxa* 3098:59-63.
- Roelke, C. E., Mehdibeigi R. and Smith E. N. 2009. Tadpole of the frog, *Leptopelis karissimbensis*, from Rwanda (Anura: Arthroleptidae). *Journal of Herpetology* 43:362-366.
- Roelke, C. E., E. Greenbaum, C. Kusamba, M. M. Aristote, and E. N. Smith. 2011. Systematics and Conservation Status of Two Distinct Albertine Rift Treefrogs, *Leptopelis karissimbensis* and *Leptopelis kivuensis* (Anura: Arthroleptidae). *Journal of Herpetology* 45:343–351.
- Rogers, K. L., and L. Harvey. 1994. A Skeletochronological Assessment of Fossil and Recent *Bufo cognatus* from South-Central Colorado. *Journal of Herpetology* 28:133.
- Rogowitz, G. L., C. L. Candelaria, L. E. Denizard, L. J. Meléndez, and A. H. Price. 2001. Seasonal Reproduction of a Neotropical Frog, the Cave Coquí (*Eleutherodactylus cooki*). *Copeia* 2001:542-547.
- Rojas-Runjaic, F. J. M., E. E. Infante-Rivero, and C. L. Barrio-Amorós. 2011. A new frog of the genus *Aromobates* (Anura, Dendrobatidae) from Sierra de Perijá, Venezuela. *Zootaxa* 2919:37-50.
- Romero-Carvajal, A., N. Sáenz-Ponce, M. Venegas-Ferrín, D. Almeida-Reinoso, C. Lee, J. Bond, M. J. Ryan, J. B. Wallingford, and E. M. del Pino. 2009. Embryogenesis and laboratory maintenance of the foam-nesting túngara frogs, genus *Engystomops* (= *Physalaemus*). *Developmental Dynamics* 238:1444-1454.
- Ron, S. R., E. Toral, M. Rivera, and A. Teran-Valdez. 2010. A new species of *Engystomops* (Anura: Leiuperidae) from southwestern Ecuador. *Zootaxa* 2606:25-49.
- Ron, S., E. Toral, D. Ortiz, and A. Almendariz. 2011. Amphibia, Hylidae, *Osteocephalus cabrerai* Cochran and Goin, 1970: First confirmed records from Ecuador with distribution map. *CheckList* 7:323-324.

- Ron, S., Venegas, P. J., Toral, E., Read, V. M., Ortiz, D., and Manzano, A. 2012. Systematics of the *Osteocephalus buckleyi* species complex (Anura, Hylidae) from Ecuador and Peru. *ZooKeys*: 229: 1.
- Rosa, G. M., V. Mercurio, A. Crottini, and F. Andreone. 2011. Explosion into the canyon: An insight into the breeding aggregation of *Scaphiophryne gottlebei* Busse and Böhme, 1992. *North-Western Journal of Zoology* 7:329-333.
- Rosas-Espinoza, V. C., J. M. Rodríguez-Canseco, A. L. Santiago-Pérez, A. Ayón-Escobedo, and M. Domínguez-Laso. 2013. Distribución de algunos anfibios del centro occidente de México: Jalisco. *Revista mexicana de biodiversidad* 84:690-696.
- Roux, J. 1906. Synopsis of the toads of the genus *Nectophryne* B. & P., with special remarks on some known species and description of a new species from German East Africa. *Proceedings of the Zoological Society of London* 76:58-65.
- Rowley, J. J. L., and R. Altig. 2012. Nidicolous development in *Limnonectes limborgi* (Anura, Dicroglossidae). *Amphibia-Reptilia* 33:145-149.
- Rowley, J. J. L., B. L. Stuart, T. Neang, and D. A. Emmett. 2010b. A new species of *Leptolalax* (Anura: Megophryidae) from northeastern Cambodia. *Zootaxa* 2567:57-68.
- Rowley, J. J. L., D. H. Hoang, T. T. D. Le, Q. V. Dau, and T. T. Cao. 2010a. A new species of *Leptolalax* (Anura: Megophryidae) from Vietnam and further information on *Leptolalax tuberosus*. *Zootaxa* 2660:33-45.
- Ruiz-C, P. M., and J. D. Lynch. 1982. Dos nuevas especies de *Hyla* (Amphibia: Anura) de Colombia, con aportes al conocimiento de *Hyla bogotensis*. *Caldasia* 13:647-671.
- Ruiz-Carranza, P. M., and J. D. Lynch. 1998. Ranas Centrolenidae de Colombia XI. Nuevas especies de ranas cristal del género *Hyalinobatrachium*. *Revista de la Academia Colombiana de Ciencias Exactas, Físicas y Naturales* 22:571-586.
- Ruiz-Carranza, P. M., and M. C. Ardila-Robayo. 1991. Una nueva especie de *Hyla* del grupo *bogotensis* (Amphibia: Anura: Hylidae) de la Cordillera Oriental de Colombia. *Caldasia* 16:337-342.
- Ruiz-Carranza, P. M., and M. P. Ramírez-Pinilla. 1992. Una nueva especie de *Minyobates* (Anura: Dendrobatidae) de Colombia. *Lozania* 61:1-16.
- Ryan, M. 2005. Egg attendance by female frogs in two species of *Eleutherodactylus* from Costa Rica. *Herpetological Review* 36:234-235.
- Ryan, M. J., J. M. Savage, K. R. Lips, and J. T. Giermakowski. 2010. A New Species of the *Craugastor rugulosus* Series (Anura: Craugastoridae) from West-Central Panama. *Copeia*

2010:405–409.

Sabagh, L. T., R. da Silva Mello, and C. F. D. Rocha. 2012. Food niche overlap between two sympatric leaf-litter frog species from Central Amazonia. *Zoologia (Curitiba)* 29:95–98.

Sacramento, M. A. 2004. *Análise da Diversidade de Anfíbios do Parque Estadual Nova Baden, Lambari-MG. Alfenas-MG, Brazil.*

Sagor, E. S., M. Ouellet, E. Barten, and D. M. Green. 1998. Skeletochronology and Geographic Variation in Age Structure in the Wood Frog, *Rana sylvatica*. *Journal of Herpetology* 32:469.

Salerno, P. E., and G. B. Pauly. 2012. Clutch size variation in egg-brooding *Stefania*. *South American Journal of Herpetology* 7:47-54.

Salvador, A. 1996. Amphibians of northwest Africa. *Smithsonian Herpetological Information Service*:1–43.

Sandberger, L., A. Hillers, J. Doumbia, N.-S. Loua, C. Brede, and M.-O. Roedel. 2010. Rediscovery of the Liberian Nimba toad, *Nimbaphrynoides liberiensis* (Xavier, 1978)(Amphibia: Anura: Bufonidae), and reassessment of its taxonomic status. *Zootaxa* 2355:56-68.

Santana, D. J., R. Rodrigues, R. L. Albuquerque, D. O. Laranjeiras, A. S. Protázio, F. G. R. França, and D. O. Mesquita. 2011. The advertisement call of *Proceratophrys renalis* (Miranda-Ribeiro, 1920)(Amphibia: Anura: Cycloramphidae). *Zootaxa* 2809:67-68.

Santana, D. J., V. de A. São-Pedro, P. S. Bernarde, and R. N. Feio. 2010. Descrição do canto de anúncio e dimorfismo sexual em *Proceratophrys concavum* Giaretta, Bernarde & Kokubum, 2000. *Papéis Avulsos de Zoologia (São Paulo)* 50:167-174.

Santos-Barrera G. and L. Canseco-Márquez. 2004. *Plectrohyla labedactyla*. In: IUCN 2014.

Santos-Barrera, G. 2014. Geographic variation in *Incilius occidentalis* Camerano 1879 (Anura: Bufonidae), an endemic species of toad from Mexico, with redescription of the species and delimitation of the type locality. *Revista Mexicana de Biodiversidad*, 85: 414-428.

Santos, E. M., A. V Almeida, and S. D. Vasconcelos. 2004. Feeding habits of six anuran (Amphibia: Anura) species in a rainforest fragment in Northeastern Brazil. *Iheringia, Sér. Zool.* 94.

Santos, J. C. 2012. Fast Molecular Evolution Associated with High Active Metabolic Rates in Poison Frogs. *Molecular Biology and Evolution* 29:2001–2018.

Santos, J. C., L. A. Coloma, K. Summers, J. P. Caldwell, R. Ree, and D. C. Cannatella. 2009. Amazonian Amphibian Diversity Is Primarily Derived from Late Miocene Andean Lineages. *PLoS Biology* 7:e56.

Santos, J. T., de Oliveira, E. F., São-Pedro, V. A., Monteiro-Leonel, A. C., and Feio, R. N. (2009).

Amphibia, Anura, *Hypsiboas stenocephalus*: Distribution extension and geographic distribution map. Check List 5:027-031.

Santos, J. T., E. F. de Oliveira, V. A. São Pedro, A. C. Monteiro-Leonel, and R. N. Feio. 2009. Amphibia, Anura, *Hypsiboas stenocephalus*: Distribution extension and geographic distribution map. Check List 5:27-31.

São Pedro, V. de A., and R. N. Feio. 2011. Distribuição espacial e sazonal de anuros em três ambientes na Serra do Ouro Branco, extremo sul da Cadeia do Espinhaço, Minas Gerais, Brasil. Biotemas 23:143-154.

Saporito, R. A., H. M. Garraffo, M. A. Donnelly, A. L. Edwards, J. T. Longino, and J. W. Daly. 2004. Formicine ants: An arthropod source for the pumiliotoxin alkaloids of dendrobatid poison frogs. Proceedings of the National Academy of Sciences 101:8045–8050.

Sarasola-Puente, V., A. Gosá, N. Oromí, M. J. Madeira, and M. Lizana. 2011. Growth, size and age at maturity of the agile frog (*Rana dalmatina*) in an Iberian Peninsula population. Zoology 114:150–154.

Sasa, M., and A. Solórzano. 1995. The reptiles and amphibians of Santa Rosa National Park, Costa Rica, with comments about the herpetofauna of xerophytic areas. Herpetological Natural History 3:113-126.

Savage, J. M. 1968. The Dendrobatid Frogs of Central America. Copeia 1968:745.

Savage, J. M. 1972. The harlequin frogs, genus *Atelopus*, of Costa Rica and western Panama. Herpetologica 28:77-94.

Savage, J. M. 2000. A new species of rainfrog of the *Eleutherodactylus milesi* species group (Anura: Leptodactylidae) from Guatemala. Revista de biología tropical 48:993-999.

Savage, J. M. 2002. The Amphibians and Reptiles of Costa Rica. University of Chicago Press, Chicago and London.

Savage, J. M., and B. Kubicki. 2010. A new species of fringe-limb frog, genus *Ecnomiohyla* (Anura: Hylidae), from the Atlantic slope of Costa Rica, Central America. Zootaxa.:21-34.

Savage, J. M., and C. W. Myers. 2002. Frogs of the *Eleutherodactylus biporcatus* group (Leptodactylidae) of Central America and northern South America, including rediscovered, resurrected, and new taxa. American Museum Novitates:1-48.

Savage, J. M., and J. M. Cei. 1965. A review of the leptodactylid frog genus, *Odontophrynus*. Herpetologica:178-195.

Savage, J. M., and M. H. Wake. 2001. Reevaluation of the Status of Taxa of Central American

Caecilians (Amphibia: Gymnophiona), with Comments on Their Origin and Evolution. *Copeia* 2001:52–64.

Sawarkar, D. B., and R. Kasambe. 2009. A survey of the amphibian fauna of Nagpur, Maharashtra.

Sayler, A. 1966. The Reproductive Ecology of the Red-Backed Salamander, *Plethodon cinereus*, in Maryland. *Copeia* 1966:183-193.

Sazima, I., and U. Caramaschi. 1986. Descrição de *Physalaemus deimaticus*, sp. n., e observações sobre comportamento deimático em *Physalameus nattereri* (Steindachner) - Anura, Leptodactylidae. *Revista de Biologia* 13:91-101.

Schaefer, E. F., M. I. Hamann, A. I. Kehr, C. E. Gonzalez, and M. I. Duré. 2006. Trophic, reproductive and parasitological aspects of the ecology of *Leptodactylus chaquensis* (Anura: Leptodactylidae) in Argentina. *The Herpetological Journal* 16:387-394.

Schäuble, C. S. 2004. Variation in body size and sexual dimorphism across geographical and environmental space in the frogs *Limnodynastes tasmaniensis* and *L. peronii*. *Biological Journal of the Linnean Society* 82:39–56.

Scherz, M. D., B. Ruthensteiner, M. Vences, and F. Glaw. 2014. A new microhylid frog, genus *Rhombophryne*, from northeastern Madagascar, and a re-description of *R. serratopalpebrosa* using micro-computed tomography. *Zootaxa* 3860:547-560.

Schick, S., B. M. Zimkus, A. Channing, J. Köhler, and S. Lötters. 2010b. Systematics of “Little Brown Frogs” from East Africa: recognition of *Phrynobatrachus scheffleri* and description of a new species from the Kakamega Forest, Kenya (Anura: Phrynobatrachidae). *Salamandra* 46:24-36.

Schick, S., J. Kielgast, D. Roedder, V. Muchai, M. Burger, and S. Loetters. 2010a. New species of reed frog from the Congo basin with discussion of paraphyly in Cinnamon-belly reed frogs. *Zootaxa* 2501:23-36.

Schiotz, A. 2006. Reflections on the *Hyperolius nasutus* group (Anura, Hyperoliidae). *Alytes* 24:61-71.

Schiøtz, A. Rödel, M-O. 2004. *Arthroleptis aureoli*. The IUCN Red List of Threatened Species 2004: e.T54397A11134435.

<http://dx.doi.org/10.2305/IUCN.UK.2004.RLTS.T54397A11134435.en>. Downloaded on 21 June 2017.

Schiøtz, A., and M. M. Westergaard. 2000. Notes on some *Hyperolius* (Anura: Hyperoliidae) from Tanzania, with supplementary information on two recently described species. *Steenstrupia* 25:1-9.

Schleich, H. H., W. Kästle, and K. Kabisch. 1996. Amphibians and reptiles of North Africa. Koeltz, Koenigstein 627.

- Schlüter, A., and D. Rödder. 2006. Three new frogs of the genus *eleutherodactylus* (Amphibia, Leptodactylidae) from guaiquinima table mountain, bolívar, venezuela. *Herpetotropicos* 3:88-99.
- Schmidt, A. A. 1994. Behaviour and first breeding of *Pedostibes hosii* in captivity. *Salamandra* 40:225-233.
- Schmidt, K. P. 1918. Contributions to the herpetology of Porto Rico. *Annals of the New York Academy of Sciences* 28:167–200.
- Schmidt, K. P. 1932. Reptiles and amphibians from the Solomon Islands. *Field Museum of Natural History Zoological Series* 18:175-190.
- Schmidt, W. 2006. *Reptiles & Amphibians of Southern Africa*. Struik.
- Scholz, S., M. Orlik, L. N. Gonwouo, and A. Kupfer. 2010. Demography and life history of a viviparous Central African caecilian amphibian. *Journal of Zoology* 280:17–24.
- Schulte, R. 1990. Redescubrimiento y Redefinicion de *Dendrobates mysteriosus* (Myers 1982) de la Cordillera del Condor. *Boletin de Lima* 70:57-68.
- Schwartz, A. 1965. Variation and natural history of *Eleutherodactylus ruthae* on Hispaniola. *Bulletin of the Museum of Comparative Zoology* 132:479-508.
- Schwartz, A. 1966. The Relationships of Four Small Hispaniolan *Eleutherodactylus* (Leptodactylidae). *Bulletin of the Museum of Comparative Zoology* 133:369-399.
- Schwartz, A. 1973. Six New Species of *Eleutherodactylus* (Anura, Leptodactylidae) from Hispaniola. *Journal of Herpetology* 7:249.
- Schwartz, A. 1976. Two new species of Hispaniolan *Eleutherodactylus* (Leptodactylidae). *Herpetologica* 32:163-171.
- Schwartz, A. 1977. A New Subspecies of *Eleutherodactylus wetmorei* Cochran (Anura: Leptodactylidae) from Northern Haiti. *Herpetologica* 33:66-72.
- Schwartz, A. 1979. A New Species of *Eleutherodactylus* (Amphibia, Anura, Leptodactylidae) from Northwestern Haiti, Hispaniola. *Journal of Herpetology* 13:199-202.
- Schwartz, A., and R. W. Henderson. 1991. *Amphibians and reptiles of the West Indies: descriptions, distributions, and natural history*. University of Florida Press.
- Schwartz, A., J. R. Feick, W. H. Gehrmann, R. Thomas, M. Ruibal, R. Ruibal, L. H. Ogren, J. D. Hardy, and others. 1959. A new species of frog of the *Eleutherodactylus ricordi* group from central Cuba. *American Museum novitates* 1926. *American Museum novitates* 1926:1-16.
- Segalla, M., and O. Peixoto. 2004. *Proceratophrys appendiculata*. The IUCN Red List of Threatened Species. Available at <http://dx.doi.org/10.2305/IUCN.UK.2004.RLTS.T57293A11603372.en>.

- Seglie, D., D. Roy, and C. Giacoma. 2010. Sexual Dimorphism and Age Structure in a Population of *Tylototriton verrucosus* (Amphibia: Salamandridae) from the Himalayan Region. *Copeia* 2010:600–608.
- Semlitsch, R. D. 1985. Reproductive strategy of a facultatively paedomorphic salamander *Ambystoma talpoideum*. *Oecologia* 65:305–313.
- Señaris, C. and E. L. Marca. 2004. *Tepuihyla galani*. The IUCN Red List of Threatened Species 2004. <http://dx.doi.org/10.2305/IUCN.UK.2004.RLTS.T56043A11416636.en>. Downloaded on 10 June 2017.
- Señaris, J. C., and J. Ayarzagüena. 2006. A new species of *Hypsiboas* (Amphibia: Anura: Hylidae) from the Venezuelan Guayana, with notes on *Hypsiboas sibleszi* (Rivero 1972). *Herpetologica* 62:308–318.
- Serre-Collet, F. 2013. *Sur la piste des reptiles et des amphibiens*, Ed Dunod/Muséum national d'Histoire naturelle, France.
- Setiadi, M. I., J. A. McGuire, R. M. Brown, M. Zubairi, D. T. Iskandar, N. Andayani, J. Supriatna, and B. J. Evans. 2011. Adaptive Radiation and Ecological Opportunity in Sulawesi and Philippine Fanged Frog (*Limnonectes*) Communities. *The American Naturalist* 178:221–240.
- Sexton, O. J. 1960. Some Aspects of the Behavior and of the Territory of A Dendrobatid Frog, *Prostherapis Trinitatis*. *Ecology* 41:107-115.
- Shannon, F. A. 1956. The reptiles and amphibians of Korea. *Herpetologica*:22-49.
- Shaw, S. D., L. F. Skerratt, R. Kleinpaste, L. Daglish, and P. J. Bishop. 2012. Designing a diet for captive native frogs from the analysis of stomach contents from free-ranging *Leiopelma*. *New Zealand Journal of Zoology* 39:47-56.
- Shen, Y. H., D. W. Shen, and X. Y. Mo. 2008. A new species of salamander *Pachytriton archospotus* from Hunan Province, China (Amphibia, Salamandridae). *Acta Zoologica Sinica* 54:645-652.
- Shepard, D. B., J. P. Caldwell, and M. J. Lannoo. 2005. From foam to free-living: ecology of larval *Leptodactylus labyrinthicus*. *Copeia* 2005:803-811.
- Sheridan, J. A. 2008. *Variation in Southeast Asian Anurans*. University of California, San Diego, USA.
- Sheridan, J. A., and J. F. Ocock. 2008. Parental Care in *Chiromantis hansenae* (Anura: Rhacophoridae). *Copeia* 2008:733–736.
- Shimada, T., M. Matsui, P. Yambun, and A. Sudin. 2011. A survey of morphological variation in adult *Meristogenys amoropalamus* (Amphibia, Anura, Ranidae), with a description of a new cryptic

species. *Zootaxa* 2905:33-56.

Shimada, T., M. Matsui, P. Yambun, and A. Sudin. 2011. A taxonomic study of Whitehead's torrent frog, *Meristogenys whiteheadi*, with descriptions of two new species (Amphibia: Ranidae). *Zoological Journal of the Linnean Society* 161:157–183.

Shirose, L. J., R. J. Brooks, J. R. Barta, and S. S. Desser. 1993. Intersexual differences in growth, mortality, and size at maturity in bullfrogs in central Ontario. *Can. J. Zool.* 71:2363–2369.

Siler, C. D., C. W. Linkem, A. C. Diesmos, and A. C. Alcala. 2007. A new species of *Platymantis* (Amphibia: Anura: Ranidae) from Panay Island, Philippines. *Herpetologica* 63:351–364.

Silvano D. and B. Pimenta. 2004. *Crossodactylus lutzorum*. The IUCN Red List of Threatened Species 2004. <http://dx.doi.org/10.2305/IUCN.UK.2004.RLTS.T56354A11467106.en>. Downloaded on 10 June 2017.

Silveira, A. L., and S. A. Pacheco. 2011. Um novo registro de *Trachycephalus mambaiensis* (Amphibia, Anura, Hylidae), no Estado de Minas Gerais, Brasil. *Biotemas* 24:141-143.

Silverstone, P. A. 1971. Status of Certain Frogs of the Genus *Colostethus*: With Descriptions of New Species. *Contributions in Science* 215:1-8.

Silverstone, P. A. 1975a. Two New Species of *Colostethus* (Amphibia, Anura, Dendrobatidae) from Colombia. *Los Angeles County Museum Contributions in Science* 268:1-10.

Silverstone, P. A. 1975b. A revision of the poison-arrow frogs of the genus *Dendrobates* Wagler. *Natural History Museum of Los Angeles County Science Bulletin* 21:1-55.

Silverstone, P. A. 1976. A revision of the poison-arrow frogs of the genus *Phyllobates* Bibron in Sagra (Family Dendrobatidae). *Natural History Museum of Los Angeles County Science Bulletin* 27:1-53.

Simoes, P. I., A. P. Lima, and I. P. Farias. 2010. The description of a cryptic species related to the pan-Amazonian frog *Allobates femoralis* (Boulenger 1883)(Anura: Aromobatidae). *Zootaxa* 2406:1-28.

Simon, M. P. 1983. The ecology of parental care in a terrestrial breeding frog from New Guinea. *Behavioral Ecology and Sociobiology* 14:61–67.

Simon, M. P., and C. A. Toft. 1991. Diet Specialization in Small Vertebrates: Mite-Eating in Frogs. *Oikos* 61:263.

Sinsch, U., C. Leskovar, A. Drobig, A. König, and W.-R. Grosse. 2007. Life-history traits in green toad (*Bufo viridis*) populations: indicators of habitat quality. *Can. J. Zool.* 85:665–673.

Sinsch, U., K. Lümke, K. Rosar, & C. S., and J. M. Dehling. 2012. Acoustic Niche

Partitioning in an Anuran Community Inhabiting an Afromontane Wetland (Butare, Rwanda). *African Zoology* 47:60–73.

Siqueira, C. C., C. F. D. Rocha, C. G. A. Fernandes, D. Vrcibradic, E. C. N. Rubião, M. Almeida-Gomes, M. Van Sluys, M. C. Kiefer, P. Almeida-Santos, P. Goyannes-Araújo, and others. 2007. A survey of the leaf-litter frog assembly from an Atlantic forest area (Reserva Ecológica de Guapiaçu) in Rio de Janeiro State, Brazil, with an estimate of frog densities. *Tropical Zoology* 20:99–108.

Siqueira, C. C., M. Van Sluys, C. V. Ariani, and C. F. D. Rocha. 2006. Feeding Ecology of *Thoropa miliaris* (Anura, Cycloramphidae) in Four Areas of Atlantic Rain Forest, Southeastern Brazil. *Journal of Herpetology* 40:520–525.

Slavenko, A. and S. Meiri. 2015. Mean body sizes of amphibian species are poorly predicted by climate. *Journal of Biogeography* 42:1246–1254.

Smith, E. N. 2005. Two new species of *Eleutherodactylus* (Anura: Leptodactylidae) of the *Alfredi* group from Eastern Guatemala. *Herpetologica* 61:286–295.

Smith, G. R., et al. 2011. Diets of three species of bufonids (Amphibia, Anura) from northern Mexico. *Western North American Naturalist* 71:563–569.

Smith, M. 1927. Contributions to the Herpetology of the Indo-Australian Region. *Proceedings of the Zoological Society of London* 97:199–226.

Smith, M. A. 1940. Contributions to the herpetology of Afghanistan. *Annals and Magazine of Natural History* 5:382–384.

Smith, M. J., and J. D. Roberts. 2003. No Sexual Size Dimorphism in the Frog *Crinia georgiana* (Anura: Myobatrachidae): An Examination of Pre- and Postmaturational Growth. *Journal of Herpetology* 37:132–137.

Snodgrass, J. W., D. C. Forester, M. Lahti, and E. Lehman. 2007. Dusky salamander (*Desmognathus fuscus*) nest-site selection over multiple spatial scales. *Herpetologica* 63:441–449.

Socha, M., and M. Ogielska. 2010. Age structure, size and growth rate of water frogs from central European natural *Pelophylax ridibundus*-*Pelophylax esculentus* mixed populations estimated by skeletochronology. *Amphibia-Reptilia* 31:239–250.

Sodhi, N. S., D. Bickford, A. C. Diesmos, T. M. Lee, L. P. Koh, B. W. Brook, C. H. Sekercioglu, and C. J. A. Bradshaw. 2008. Measuring the Meltdown: Drivers of Global Amphibian Extinction and Decline. *PLoS ONE* 3:e1636.

Solé, M., O. Beckmann, B. Pelz, A. Kwet, and W. Engels. 2005. Stomach-flushing for diet analysis in anurans: an improved protocol evaluated in a case study in Araucaria forests, southern Brazil*. *Studies on Neotropical Fauna and Environment* 40:23–28.

- Soto-Azat, C., A. Valenzuela-Sánchez, B. Collen, J. M. Rowcliffe, A. Veloso, and A. A. Cunningham. 2013. The population decline and extinction of Darwin's frogs. *Plos One* 8:e66957.
- Spieler, M., and K. E. Linsenmair. 1997. Choice of optimal oviposition sites by *Hoplobatrachus occipitalis* (Anura: Ranidae) in an unpredictable and patchy environment. *Oecologia* 109:184–199.
- Stefanski, M., R. E. Gatten, and F. H. Pough. 1989. Activity Metabolism of Salamanders: Tolerance to Dehydration. *Journal of Herpetology* 23:45.
- Steinbach-Padilha, G. C. 2008. A new species of *Melanophryniscus* (Anura, Bufonidae) from the Campos Gerais region of Southern Brazil. *Phyllomedusa: Journal of Herpetology* 7:99-108.
- Stewart, M. M., and L. L. Woolbright. 1996. Amphibians. Page 271-320 in D. P. Reagan and R. B. Waide, editors. *The food web of a tropical rain forest*. University of Chicago Press.
- Stöck, M., A. Sicilia, N. M. Belfiore, D. Buckley, S. Lo-Brutto, M. Lo-Valvo, and M. Arculeo. 2008. Post-Messinian evolutionary relationships across the Sicilian channel: mitochondrial and nuclear markers link a new green toad from Sicily to African relatives. *BMC Evolutionary Biology* 8: 1–19.
- Stöck, M., C. Moritz, M. Hickerson, D. Frynta, T. Dujsebayaeva, V. Eremchenko, J. R. Macey, T. J. Papenfuss, and D. B. Wake. 2006. Evolution of mitochondrial relationships and biogeography of Palearctic green toads (*Bufo viridis* subgroup) with insights in their genomic plasticity. *Molecular Phylogenetics and Evolution* 41:663–689.
- Stuart, B. L., and D. A. Emmett. 2006. A collection of amphibians and reptiles from the Cardamom Mountains, southwestern Cambodia. *Fieldiana Zoology*:1-27.
- Stuart, B. L., and D. A. Emmett. 2006. A collection of amphibians and reptiles from the Cardamom Mountains, southwestern Cambodia. *Fieldiana Zoology*:1–27.
- Stuart, B. L., and H. F. Heatwole. 2004. A new *Philautus* (Amphibia: Rhacophoridae) from northern Laos. *Asiatic Herpetological Research* 10:17-21.
- Stuart, B. L., S. Phimmachak, N. Sivongxay, and W. G. Robichaud. 2010. A new species in the *Tylotriton asperrimus* group (Caudata: Salamandridae) from central Laos. *Zootaxa* 2650:19-32.
- Stuart, B. L., S. Seateun, j. A. Sheridan, and others. 2013. A new *Philautus* (Anura: Rhacophoridae) from northern Laos allied to *P. abditus* Inger, Orlov & Darevsky, 1999. *Zootaxa* 3745:73-83.
- Stuart, B. L., Y. Chuaynkern, T. Chan-ard, and R. F. Inger. 2006. Three new species of frogs and a new tadpole from eastern Thailand. *Fieldiana Zoology* 111:1-19.
- Stuart, L. C. 1948. *The Amphibians and Reptiles of Alta Verapaz, Guatemala*. Miscellaneous Publications, Museum of Zoology, University of Michigan 69:1-109.

- Stuebing, R. B., and A. Wong. 2000. A new species of frog, *Philautus erythrophthalmus* (Rhacophoridae) from southwestern Sabah, Malaysia. *Raffles Bulletin of Zoology* 48:293-296.
- Sturaro, M. J., J. F. M. Sarmiento, A. A. Lima, H. M. Chalkidis, and R. A. T. Rocha. 2010. New records and distribution of the treefrog *Scinax rostratus* (Peters, 1863)(Amphibia: Anura: Hylidae). *Herpetology Notes* 3:161-166.
- Stynoski, J. L., E. Castro, and O. Vargas. 2013. *Rhaebo haematiticus* (litter toad) and *Craugastor fitzingeri* (fitzinger's rain frog). Reproductive behavior. *Herpetological Review* 44:129-130.
- Sullivan, B. K., and P. J. Fernandez. 1999. Breeding activity, estimated age-structure, and growth in Sonoran Desert anurans. *Herpetologica* 55:334-343.
- Summers, A. P., and M. H. Wake. 2001. Clarification Regarding the Holotype of *Caecilia volceni* (Amphibia: Gymnophiona). *Copeia* 2001:561-562.
- Summers, K., C. S. McKeon, and H. Heying. 2006. The evolution of parental care and egg size: a comparative analysis in frogs. *Proceedings of the Royal Society B: Biological Sciences* 273:687-692.
- Swan, M., and S. Watharow. 2005. *Snakes, lizards and frogs of the Victorian Mallee*. Csiro publishing.
- Taber, C. A., R. F. Wilkinson, and M. S. Topping. 1975. Age and Growth of Hellbenders in the Niangua River, Missouri. *Copeia* 1975:633.
- Tacutu, R., T. Craig, A. Budovsky, D. Wuttke, G. Lehmann, D. Taranukha, J. Costa, V. E. Fraifeld, and J. P. de Magalhães. 2012. Human ageing genomic resources: integrated databases and tools for the biology and genetics of ageing. *Nucleic acids research* 41:D1027-33.
- Taksintum, W., V. Lauhachinda, and B. Boonsoong. 2012. Mating Behavior of Hansen's Bush Frog (*Chiromantis hansenae*) at Sakaerat Environmental Research Station, Northeastern Thailand. *Kasetsart Journal: Natural Science* 46:862-870.
- Tandy, M., C. A., and P. J. 2012. *Poyntonophrynus beiranus*. The IUCN Red List of Threatened Species. Available at <http://dx.doi.org/10.2305/IUCN.UK.2013-2.RLTS.T54586A46811247.en>.
- Tapley, B., and C. B. Purushotham. 2011. Fighting behaviour in the Bicoloured frog *Clinotarsus* (*Rana*) *curtipes* Jerdon, 1854. *Herpetology Notes* 4:353-355.
- Targino, M., and S. P. de Carvalho-e-Silva. 2008. Redescritção de *Ischnocnema holti* (Amphibia: Anura: Brachycephalidae). *Revista Brasileira de Zoologia* 25:716-723.
- Targino, M., P. N. Costa, and S. P. de Carvalho E Silva. 2009. Two New Species of the *Ischnocnema lactea* Species Series from Itatiaia Highlands, Southeastern Brazil (Amphibia, Anura,

Brachycephalidae). *South American Journal of Herpetology* 4:139–150.

Tarkhnishvili, D. 1993. Anurans of Borjomi Canyon: clutch parameters and guild structure. *Alytes* 11:140-154.

Tarrant, J., M. J. Cunningham, and L. H. Du Preez. 2008. Maluti mystery: a systematic review of *Amietia vertebralis* (Hewitt, 1927) and *Strongylopus hymenopus* (Boulenger, 1920)(Anura: Pyxicephalidae). *Zootaxa* 1962:33-48.

Taylor, E. 1973. A caecilian miscellany. *University of Kansas Science Bulletin* 50:187-231.

Taylor, E. H. 1936. New Species of Amphibia from Mexico. *Transactions of the Kansas Academy of Science* (1903-) 39:349.

Taylor, E. H. 1939. Concerning Mexican salamanders. *University of Kansas Science Bulletin* 25:259–313.

Taylor, E. H. 1940a. Herpetological miscellany, no. I. *University of Kansas Science Bulletin* 26:489-571.

Taylor, E. H. 1940b. A new *Syrhophus* from Guerrero, Mexico. *Proceedings of the Biological Society of Washington* 53:95-98.

Taylor, E. H. 1941. New amphibians from the Hobart M. Smith Mexican collections. *University of Kansas Science Bulletin* 27:141–167.

Taylor, E. H. 1941. New amphibians from the Hobart M. Smith Mexican collections. *University of Kansas*.

Taylor, E. H. 1941. Two new species of Mexican plethodontid salamanders. *Proceedings of the Biological Society of Washington* 54:81–86.

Taylor, E. H. 1943. Herpetological novelties from Mexico. *University of Kansas Science Bulletin* 29:343-358.

Taylor, E. H. 1970. A new caecilian from Ethiopia. *University of Kansas Publications*.

Taylor, E. H. 1971. The caecilian fauna of Thailand, with an examination of scale characters. *Natural History Bulletin of the Siam Society* 24:33-39.

Taylor, E. H., G. K. Noble, and others. 1924. A new genus of discoglossid frogs from the Philippine Islands. *American Museum novitates* 121:1-4.

Teixeira Jr, M., R. S. Recoder, R. C. Amaro, R. P. Damasceno, J. Cassimiro, and M. T. Rodrigues. 2013. A new *Crossodactylodes* Cochran, 1938 (Anura: Leptodactylidae: Paratelmatobiinae) from the highlands of the Atlantic Forests of southern Bahia, Brazil. *Zootaxa* 3702:459-472.

Teixeira, R. L., and D. Vrcibradic. 2004. Ecological aspects of *Scinax argyreornatus* (Anura,

Hylidae) from a cacao plantation in Espírito Santo state, southeastern Brazil. *Boletim do Museu Biológico Mello Leitão* 17:35-43.

Teixeira, R. L., and E. S. Coutinho. 2002. Hábito alimentar de *Proceratophrys boiei* (Wied)(Amphibia, Anura, Leptodactylidae) em Santa Teresa, Espírito Santo, sudeste do Brasil. *Boletim do Museu de Biologia Mello Leitão* 14:13-20.

Teixeira, R. L., D. Vrcibradic, and J. A. P. Schneider. 2004. Food Habits and ecology of *Pseudis bolbodactyla* (Anura: Pseudidae) from a flood plain in south-eastern Brazil. *Herpetological journal* 14:153-155.

Telles, D. O. C., S. A. F. Vaz, and M. Menin. 2013. Reproductive biology, size and diet of *Hypsiboas cinerascens* (Anura: Hylidae) in two urban forest fragments in Central Amazonia, Brazil. *Phyllomedusa: Journal of Herpetology* 12:69-76.

Teodecki, E. E., E. D. Brodie Jr, D. R. Formanowicz Jr, and R. A. Nussbaum. 1998. Head dimorphism and burrowing speed in the African caecilian *Schistometopum thomense* (Amphibia: Gymnophiona). *Herpetologica*:154-160.

Tessa, G., F. M. Guarino, J. E. Randrianirina, and F. Andreone. 2011. Age structure in the false tomato frog *Dyscophus guineti* from eastern Madagascar compared to the closely related *D. antongilii* (Anura, Microhylidae). *African Journal of Herpetology* 60:84–88.

Test, F. 1956. Two new dendrobatid frogs from northern Venezuela. *Occasional Papers of the Museum of Zoology* 577:1-9.

Thomé, M. T. C., and C. A. Brasileiro. 2007. Dimorfismo sexual, uso do ambiente e abundância sazonal de *Elachistocleis cf. ovalis* (Anura: Microhylidae) em um remanescente de Cerrado no estado de São Paulo, sudeste do Brasil. *Biota Neotropica* 7:27-33.

Thompson, G. G., S. A. Thompson, and J. L. Fraser. 2003. Surface activity of arid-adapted frogs. *Journal of the Royal Society of Western Australia* 86:115-116.

Tian, Y, Shun, A, Li, S. 1997. Observation on the reproductive habit of the salamander, *Tylototriton kweichowensis*. *Chinese Journal of Zoology* 32:20-23.

Tilley, S. G., and J. Bernardo. 1993. Life history evolution in plethodontid salamanders. *Herpetologica* 49:154-163.

Ting, H. 1951. Variation, Life History, and Taxonomic Status of the Fukien Green Pondfrog, *Rana fukienensis* Pope. *Copeia* 1951:120.

Tinsley, R. C. 1975. The morphology and distribution of *Xenopus vestitus* (Anura: Pipidae) in Central Africa. *Journal of Zoology* 175:473–492.

- Tipton, B. L., T. L. Hibbitts, T. D. Hibbitts, T. J. Hibbitts, and T. J. LaDuc. 2012. Texas Amphibians: A Field Guide. University of Texas Press.
- Toft, C. A. 1981. Feeding Ecology of Panamanian Litter Anurans: Patterns in Diet and Foraging Mode. *Journal of Herpetology* 15:139.
- Toledo, L. F., and C. F. B. Haddad. 2005. Reproductive biology of *Scinax fuscomarginatus* (Anura, Hylidae) in south-eastern Brazil. *Journal of Natural History* 39:3029–3037.
- Toledo, L. F., J. Zina, and C. F. B. Haddad. 2003. Distribuição espacial e temporal de uma comunidade de anfíbios anuros do município de Rio Claro, São Paulo, Brasil. *Holos Environment* 3:136-149.
- Toledo, L. F., L. D. Guimarães, L. P. Lima, R. P. Bastos, and C. F. B. Haddad. 2004. Notes on courtship, egg-laying site, and defensive behavior of *Epipedobates flavopictus* (Anura, Dendrobatidae) from two mountain ranges of central and southeastern Brazil. *Phyllomedusa: Journal of Herpetology* 3:145.
- Toledo, L. F., S. Siqueira, T. C. Duarte, A. C. P. Veiga-Menoncello, S. M. Recco-Pimentel, and C. F. B. Haddad. 2010. Description of a new species of *Pseudopaludicola* Miranda-Ribeiro, 1926 from the state of São Paulo, southeastern Brazil (Anura, Leiuperidae). *Zootaxa* 2496:38-48.
- Townsend, D. S., and M. M. Stewart. 1994. Reproductive Ecology of the Puerto Rican Frog *Eleutherodactylus coqui*. *Journal of Herpetology* 28:34.
- Tran, D. T. A., Q. K. Le, K. V. Le, T. N. Vu, T. Q. Nguyen, W. Böhme, and T. Ziegler. 2010. First and preliminary frog records (Amphibia: Anura) from Quang Ngai Province, Vietnam. *Herpetology Notes* 3:111-119.
- Trochet, A., S. Moulherat, O. Calvez, V. Stevens, J. Clobert, and D. Schmeller. 2014. A database of life-history traits of European amphibians. *BDJ* 2:e4123.
- Trueb, L., and D. C. Cannatella. 1986. Systematics, morphology, and phylogeny of genus *Pipa* (Anura: Pipidae). *Herpetologica*:412-449.
- Trueb, L., and W. E. Duellman. 1970. The Systematic Status and Life History of *Hyla verrucigera* Werner. *Copeia* 1970:601.
- Trueb, L., and W. E. Duellman. 1978. An Extraordinary New Casque-Headed Marsupial Frog (Hylidae: Gastrotheca). *Copeia* 1978:498.
- Tsuji, H., and K.-Y. Lue. 1998. Temporal Aspects of the Amplexus and Oviposition Behavior of the Fanged Frog *Rana kuhlii* from Taiwan. *Copeia* 1998:769.
- Tsuji, H., and K.-Y. Lue. 2000. The reproductive ecology of female *Rana* (*Limnonectes*) *kuhlii*, a

- fanged frog of Taiwan, with particular emphasis on multiple clutches. *Herpetologica* 56:153-165.
- Turner, A. A., A. L. de Villiers, A. Dawood, and A. Channing. 2004. A new species of *Arthroleptella* Hewitt, 1926 (Anura: Ranidae) from the Groot Winterhoek mountains of the Western Cape province, South Africa. *African Journal of Herpetology* 53:1–12.
- Turner, A. A., and A. Channing. 2008. A new species of *Arthroleptella* Hewitt, 1926 (Anura: Pyxicephalidae) from the Klein Swartberg Mountain, Caledon, South Africa. *African Journal of Herpetology* 57:1–12.
- Turnipseed, G., and R. Altig. 1975. Population Density and Age Structure of Three Species of Hylid Tadpoles. *Journal of Herpetology* 9:287.
- Twomey, E., and J. L. Brown. 2008. A partial revision of the *Ameerega hahneli* complex (Anura: Dendrobatidae) and a new cryptic species from the East-Andean versant of Central Peru. *Zootaxa* 1757:49-65.
- Twomey, E., and J. L. Brown. 2008. Spotted poison frogs: rediscovery of a lost species and a new genus (Anura: Dendrobatidae) from Northwestern Peru. *Herpetologica* 64:121–137.
- Twomey, E., and J. L. Brown. 2009. Another new species of *Ranitomeya* (Anura: Dendrobatidae) from Amazonian Colombia. *Zootaxa* 2302:48-60.
- Tyler, M. J. 1968. Papuan hylid frogs of the genus *Hyla*. EJ Brill.
- Tyler, M. J. 1998. Australian frogs: a natural history. Cornell University Press.
- Tyler, M. J., and D. B. Carter. 1981. Oral birth of the young of the gastric brooding frog *Rheobatrachus silus*. *Animal Behaviour* 29:280–282.
- Tyler, M. J., and M. Davies. 1977. A New Species of Hylid Frog from Northern Australia. *Copeia* 1977:620.
- Tyler, M. J., and M. Davies. 1985. A New Species of *Litoria* (Anura: Hylidae) from New South Wales, Australia. *Copeia* 1985:145.
- Tyler, M. J., and W. Australia. 1975. The cane toad *Bufo marinus*: an historical account and modern assessment. Vermin and Noxious Weeds Destruction Board, Victoria and Agriculture Protection Board, Western Australia.
- Tyler, M. J., L. A. Smith, R. E. Johnstone, and others. 2000. Frogs of Western Australia. Western Australian Museum.
- Tyler, M. J., M. Davies, and A. A. Martin. 1981. New and rediscovered species of frogs from the Derby-Broome area of Western Australia. *Records of the Western Australian Museum* 9:147-172.
- Tyler, M., and F. Knight. 2011. Field Guide to the Frogs of Australia: revised edition. Csiro

Publishing.

Tyloer, M. J., and P. Doughty. 2009. Field guide to frogs of Western Australia. Western Australian Museum.

Ueda, H., Y. Hasegawa, and J. Marunouchi. 1998. Geographical Differentiation in a Japanese Stream-Breeding Frog, *Buergeria buergeri*, Elucidated by Morphometric Analyses and Crossing Experiments. *Zoological Science* 15:615–622.

Uetanabaro, M., C. P. A. Prado, D. J. Rodrigues, M. Gordo, and Z. Campos. 2008. Guia de Campo dos Anuros do Pantanal e Planalto de Entorno. Editora UFMS e UFMT, Campo Grande.

Üzümlü, N., A. Avci, N. Özdemir, Ç. Ilgaz, and K. Olgun. 2011. Body size and age structure of a breeding population portion of the Urmia salamander, *Neurergus crocatus* Cope, 1862 (Caudata: Salamandridae). *Italian Journal of Zoology* 78:209–214.

Üzümlü, N., and K. Olgun. 2009. Age, Size and Growth in Two Populations of the Southern Crested Newt, *Triturus karelinii* (Strauch 1870) from Different Altitudes. *Herpetologica* 65:373–383.

Vaira, M., and L. Ferrari. 2008. A new species of *Oreobates* (Anura: Strabomantidae) from the Andes of northern Argentina. *Zootaxa* 1908:41–50.

Vaira, M., L. Ferrari, and M. S. Akmentins. 2011. Vocal repertoire of an endangered marsupial frog of Argentina, *Gastrotheca christiani* (Anura: Hemiphractidae). *Herpetology Notes* 4:279–284.

Valdivieso, D., and J. R. Tamsitt. 1965. Reproduction in a neotropical salamander, *Bolitoglossa adspersa* (Peters). *Herpetologica*:228–236.

Valetti, J. A., M. A. Otero, P. R. Grenat, and A. L. Martino. 2011. Clutch size. *Pleurodema cordobae* (Octoploid *Pleurodema*). *Herpetological Review* 42:413.

Valetti, J. A., N. E. Salas, and A. L. Martino. 2009. A new polyploid species of *Pleurodema* (Anura: Leiuperidae) from Sierra de Comechingones, Córdoba, Argentina and redescription of *Pleurodema kriegi* (Müller, 1926). *Zootaxa* 2073:1–21.

Vallan, D., F. Glaw, and M. Vences. 2003. Two new species of the *Boophis mandraka* complex (Anura, Mantellidae) from the Andasibe region in eastern Madagascar. *Amphibia-Reptilia* 24:305–319.

Vallan, D., M. Vences, and F. Glaw. 2010. Forceps delivery of a new treefrog species of the genus *Boophis* from eastern Madagascar (Amphibia: Mantellidae). *Amphibia-Reptilia* 31:1–8.

van de Mortel, T. F., and W. A. Buttemer. 1996. Are *Litoria aurea* eggs more sensitive to ultraviolet-B radiation than eggs of sympatric *L. peronii* or *L. dentata*? *Australian Zoologist* 30:150–157.

Van Kampen, P. N. 1913. Amphibien, gesammelt von der niederländischen Süd-Neu-Guinea-

Expedition von 1909-1910. Nova Guinea 9:453-465.

Van Ngo, B., C. D. Ngo, and others. 2014. Variation in dietary composition of granular spiny frogs (*Quasipaa verrucospinosa*) in central Vietnam. *The Herpetological Journal* 24:245-253.

van Wijngaarden, R., and S. van Gool. 1994. Site fidelity and territoriality in the dendrobatid frog *Dendrobates granuliferus*. *Amphibia-Reptilia* 15:171-181.

Vásquez-Almazán, C. R., S. M. Rovito, D. A. Good, and D. B. Wake. 2009. A new species of *Cryptotriton* (Caudata: Plethodontidae) from eastern Guatemala. *Copeia* 2009:313–319.

Vaughan, A., and J. R. Mendelson. 2007. Taxonomy and Ecology of the Central American Toads of the Genus *Crepidophryne* (Anura: Bufonidae). *Copeia* 2007:304-314.

Vaz-Silva, W., M. Di-Bernardo, L. D. Guimarães, and R. P. Bastos. 2007. Territoriality, agonistic behavior, and vocalization in *Pseudis bolbodactylus* A. Lutz, 1925 (Anura: Hylidae) from Central Brazil. *Salamandra* 43:35.

Vega-López, A. and T. Alvarez. 1992. La herpetofauna de los volcanes Popocatepetl e Iztaccíhuatl. *Acta Zoológica Mexicana*, 51:1-128.

Veith, M., J. Kosuch, A. Ohler, and A. Dubois. 2001. Systematics of *Fejervarya limnocharis* (Gravenhorst, 1829)(Amphibia, Anura, Ranidae) and related species. 2. Morphological and molecular variation in frogs from the Greater Sunda Islands (Sumatra, Java, Borneo) with the definition of two species. *Alytes* 19:5-28.

Velásquez-Álvarez, A.A., Rada, M., Sánchez-Pacheco, S.J. and Acosta, A.R. 2014 A new species of glassfrog (Anura: Centrolenidae) from the western slope of the Cordillera Oriental, Colombia. *South American Journal of Herpetology* 2191-197.

Veloso, A., J. L. Celis-Diez, P. C. Guerrero, M. A. Méndez, P. Iturra, and J. A. Simonetti. 2005. Description of a new *Eupsophus* species (Amphibia, Leptodactylidae) from the remnants of Maulino forest, central Chile. *The Herpetological Journal* 15:159-165.

Vences, M., and F. Glaw. 2002. Two new treefrogs of the *Boophis rappiodes* group from eastern Madagascar (Amphibia Mantellidae). *Tropical Zoology* 15:141–163.

Vences, M., and I. la Riva. 2007. A new species of *Gephyromantis* from Ranomafana National Park, south-eastern Madagascar. *Spixiana* 30:135-143.

Vences, M., C. J. Raxworthy, R. A. Nussbaum, and F. Glaw. 2003. A revision of the *Scaphiophryne marmorata* complex of marbled toads from Madagascar, including the description of a new species. *Herpetological journal* 13:69-80.

Vences, M., C. J. Raxworthy, R. A. Nussbaum, and F. Glaw. 2003. New Microhylid Frog

- (Plethodontohyla) from Madagascar, with Semiarboreal Habits and Possible Parental Care. *Journal of Herpetology* 37:629–636.
- Vences, M., F. Andreone, F. Glaw, N. Raminosoa, J. E. Randrianirina, and D. R. Vieites. 2002. Amphibians and reptiles of the Ankaratra Massif: Reproductive diversity, biogeography and conservation of a montane fauna in Madagascar. *Italian Journal of Zoology* 69:263–284.
- Vences, M., F. Andreone, J. Glos, and F. Glaw. 2010a. Molecular and bioacoustic differentiation of *Boophis occidentalis* with description of a new treefrog from north-western Madagascar. *Zootaxa* 2544:54–68.
- Vences, M., F. Glaw, and C. Zapp. 1999. Stomach content analyses in Malagasy frogs of the genera *Tomopterna*, *Aglyptodactylus*, *Boophis* and *Mantidactylus* (Anura: Ranidae). *Herpetozoa* 11:109–116.
- Vences, M., F. Glaw, J. Köhler, and K. C. Wollenberg. 2010b. Molecular phylogeny, morphology and bioacoustics reveal five additional species of arboreal microhylid frogs of the genus *Anodonthyla* from Madagascar. *Contributions to Zoology* 79:1–32.
- Vences, M., J. Köhler, M. Pabijan, and F. Glaw. 2010c. Two syntopic and microendemic new frogs of the genus *Blommersia* from the east coast of Madagascar. *African Journal of Herpetology* 59:133–156.
- Venegas, P. J., A. Catenazzi, K. Siu Ting, and J. Carrillo. 2008. Two new harlequin frogs (Anura: Atelopus) from the Andes of northern Peru. *Salamandra* 44:163–176.
- Verdade, V. K., and M. T. Rodrigues. 2003. A new species of *Cycloramphus* (Anura, Leptodactylidae) from the Atlantic Forest, Brazil. *Herpetologica* 59:513–518.
- Verdade, V. K., J. Cassimiro, and M. T. Rodrigues. 2009a. Amphibia, Anura, Cycloramphidae, *Zachaenus carvalhoi* Izecksohn, 1983 and *Z. parvulus* (Girard, 1853): Filling gap and geographic distribution map for the genus. *Check List* 5:755–758.
- Verdade, V. K., M. T. Rodrigues, D. Pavan, M. Lopes, M. Kirizawa, and M. Melo. 2009b. Anfíbios anuros da região da Estação Biológica do Alto da Serra de Paranapiacaba. Pages 579–604 *Patrimônio da Reserva Biológica do Alto da Serra de Paranapiacaba. A antiga Estação Biológica do Alto da Serra* (MIMS Lopes, M. Kirizawa & MMRF Melo, org.). Secretaria do Meio Ambiente do Estado de São Paulo, São Paulo.
- Vieites, D. R., K. C. Wollenberg, and M. Vences. 2012. Not all little brown frogs are the same: a new species of secretive and cryptic *Gephyromantis* (Anura: Mantellidae) from Madagascar. *Zootaxa* 3344:34–46.
- Vigle, G. O., and D. C. I. Goberdhan-Vigle. 1990. A new species of small colorful *Hyla* from the

lowland rainforest of Amazonian Ecuador. *Herpetologica* 46:467-473.

Vigle, G. O., and K. Miyata. 1980. A new species of *Dendrobates* (Anura: Dendrobatidae) from the lowland rain forests of western Ecuador. *Breviora* 459:1-7.

Vilaça, T. R. A., Silva, J. R. D. S., and Solé, M. 2011. Vocalization and territorial behaviour of *Phyllomedusa nordestina* Caramaschi, 2006 (Anura: Hylidae) from southern Bahia, Brazil. *Journal of Natural History* 45:1823-1834.

Vilela, B., Lisboa, B. S., and Nascimento, F. A. C. D. 2015. Reproduction of *Agalychnis granulosa* Cruz, 1989 (Anura: Hylidae). *Journal of Natural History* 49:709-717.

Voituron, Y., M. de Fraipont, J. Issartel, O. Guillaume, and J. Clobert. 2010. Extreme lifespan of the human fish (*Proteus anguinus*): a challenge for ageing mechanisms. *Biology Letters*, Published online before print July 21, 2010, doi: 10.1098/rsbl.2010.0539.

Vonesh, J. R. 1998. The amphibians and reptiles of Kibale Forest, Uganda: herpetofaunal survey and ecological study of the forest floor litter community. University of Florida.

Vonesh, J. R. 2001. Natural history and biogeography of the amphibians and reptiles of Kibale National Park, Uganda. *Contemporary Herpetology* 4:1-14.

Vrcibradic, D., R. L. Teixeira, and V. N. T. Borges-Júnior. 2009. Sexual dimorphism, reproduction and diet of the casque-headed treefrog *Itapotihyla langsdorffii* (Hylidae: Lophiohylini). *Journal of Natural History* 43:2245–2256.

Vyas, R. 2004. Notes on the distribution and natural history of *Ichthyophis bombayensis* (Gymnophiona: Ichthyophiidae). *Hamadryad* 28:130-136.

Wachlevski, M., L. K. Erdtmann, and P. C. de Anchietta Garcia. 2014. Anfíbios anuros em uma área de Mata Atlântica da Serra do Tabuleiro, Santa Catarina. *Biotemas* 27:97-107.

Wake, D. B., J. Hanken, R. Ibanez 2005. A new species of big black *Bolitoglossa* (Amphibian: Caudata) from Central Panama. *Copeia* 2005:223-226.

Wake, D. B., A. H. Brame, and W. E. Duellman. 1973. New species of salamanders, genus *Bolitoglossa*, from Panama. Natural History Museum of Los Angeles County.

Wake, D. B., and J. F. Lynch. 1982. Evolutionary relationships among Central American salamanders of the *Bolitoglossa franklini* group, with a description of a new species from Guatemala. *Herpetologica*:257-272.

Wake, M. H. 1978. The Reproductive Biology of *Eleutherodactylus jasper* (Amphibia, Anura, Leptodactylidae), with Comments on the Evolution of Live-Bearing Systems. *Journal of Herpetology* 12:121.

- Wake, M. H. 1980. Reproduction, growth, and population structure of the Central American caecilian *Dermophis mexicanus*. *Herpetologica*:244-256.
- Wake, M. H. 1980. The Reproductive Biology of *Nectophrynoides malcolmi* (Amphibia: Bufonidae), with Comments on the Evolution of Reproductive Modes in the Genus *Nectophrynoides*. *Copeia* 1980:193.
- Wake, M. H., and E. H. Taylor. 1969. The Caecilians of the World: A Taxonomic Review. *Copeia* 1969:216.
- Wake, M. H., and M. A. Donnelly. 2009. A new lungless caecilian (Amphibia: Gymnophiona) from Guyana. *Proceedings of the Royal Society B: Biological Sciences* 277:915–922.
- Wang, Y.-Y., T.-D. Zhang, J. Zhao, Y.-H. Sung, J.-H. Yang, H. Pang, and Z. Zhang. 2012. Description of a new species of the genus *Xenophrys* Günther, 1864 (Amphibia: Anura: Megophryidae) from Mount Jinggang, China, based on molecular and morphological data. *Zootaxa* 3546:53-67.
- Wangyal, J. T., and D. B. Gurung. 2012. Amphibians of Punakha-Wangdue Phodrang Valley, Bhutan. *Frog leg Newsletter of the Amphibian Network of South Asia and Amphibian Specialist Group-South Asia*:31-44.
- Warburg, M. R. 2007a. The phenology of a rare salamander (*Salamandra infraimmaculata*) in a population breeding under unpredictable ambient conditions: a 25 year study. *Acta Herpetologica* 2:147-157.
- Warburg, M. R. 2007b. Longevity in *Salamandra infraimmaculata* from Israel with a partial review of life expectancy in urodeles. *Salamandra* 43:21.
- Webb, R. G. 1962. A new species of frog (genus *Tomodactylus*) from western Mexico. University of Kansas Publications, Museum of Natural History 15:175-181.
- Weber, L. N., L. P. Gonzaga, and S. P. de Carvalho-e-Silva. 2005. A new species of *Physalaemus* Fitzinger, 1826 from the lowland Atlantic Forest of Rio de Janeiro State, Brazil (Amphibia, Anura, Leptodactylidae). *Arquivos do Museu Nacional* 63:677-684.
- Weber, L. N., T. Silva-Soares, and R. de O. L. Salles. 2009. Amphibia, Anura, Hylidae, *Hypsiboas secedens*: reassessment of type locality coordinates and distribution extension. *Check List* 5:218-221.
- Weber, L. N., V. K. Verdade, L. Salles, R. De Oliveira, A. Fouquet, D. Carvalho-E-Silva, and S. Potsch. 2011. A new species of *Cycloramphus* Tschudi (Anura: Cycloramphidae) from the Parque Nacional da Serra dos órgãos, Southeastern Brazil. *Zootaxa* 2737:19-33.
- Wei G, Xiong J-L, Hou M, Zeng X-M. 2009. A new species of hynobiid salamander (Urodela:

- Hynobiidae: Pseudohynobius) from southwestern China. *Zootaxa* 2149:62-68.
- Wei, L., Z.-H. Lin, X.-M. Ma, L.-H. Zhao, and X.-H. Ma. 2011. Acoustic characteristics of the tiger frog, *hoplobatrachus rugulosus*, during the breeding season. *Zoological Research* 32:456-460.
- Wells, E., Garcia-Alonso, D., Rosa, G.M., Garcia, G. and Tapley, B. 2015. Amphibian Taxon Advisory Group Best Practice Guidelines for Midwife toads (*Alytes* sp.).
- Wells, K. D. 1978. Courtship and parental behavior in a Panamanian poison-arrow frog (*Dendrobates auratus*). *Herpetologica* 34:148-155.
- Wells, K. D. 2007. *The Ecology and Behavior of Amphibians*. University of Chicago Press.
- Wells, K. D. 2010. *The ecology and behavior of amphibians*. University of Chicago Press.
- Werner, F. 1898. Ueber Reptilien und Batrachier aus Togoland, Kamerun und Tunis aus dem kgl. Museum für naturkunde in Berlin. *Verhandlungen des Zoologisch-Botanischen Vereins in Wien* 48:191-213.
- Weygoldt, P., and O. Luiz Peixoto. 1987. *Hyla ruschii* n. sp., a new frog from the Atlantic Forest domain in the state of Espirito Santo, Brazil (Amphibia, Hylidae). *Studies on Neotropical Fauna and Environment* 22:237-247.
- Weygoldt, P., and S. P. Carvalho-e-Silva. 1991. Observations on mating, oviposition, egg sac formation and development in the egg-brooding frog, *Fritziana goeldii*. *Amphibia-Reptilia* 12:67-80.
- Weygoldt, Peter. 1989. Changes in the composition of mountain stream frog communities in the Atlantic mountains of Brazil: frogs as indicators of environmental deteriorations? *Studies on Neotropical Fauna and Environment* 24:249-255.
- Whittaker, L., Whitworth, A., Fowler, A., Brent-Smith, M., Beirne, C., and Villacampa, J. 2015. Bamboo traps as refugia for *Pristimantis olivaceus* (Anura: Craugastoridae) and as breeding site for *Osteocephalus castaneicola* (Anura: Hylidae). *Phyllomedusa* 14:157-161.
- Wickramasinghe, Kotagama, Oseen, and Wassersug. 2004. The terrestrial breeding biology of the ranid rock frog *Nannophrys ceylonensis*. *Behaviour* 141:899–913.
- Wickramasinghe, L. J. M., D. R. Vidanapathirana, and N. Wickramasinghe. 2012. Back from the dead: The world's rarest toad *Adenomus kandianus* rediscovered in Sri Lanka. *Zootaxa* 3347:63-68.
- Wiens, J. J. 1993. Systematics of the leptodactylid frog genus *Telmatobius* in the Andes of northern Peru. *Occasional papers of the Museum of natural history, the Univ. of Kansas*:1-76.
- Wildenhues, M., A. Rauhaus, R. Bach, D. Karbe, K. der Straeten, S. T. Hertwig, and T. Ziegler. 2012. Husbandry, captive breeding, larval development and stages of the Malayan horned frog

- Megophrys nasuta (Schlegel, 1858)(Amphibia: Anura: Megophryidae). Amphibian and Reptile Conservation 5:15-28.
- Wilkinson, J. A., H. Win, T. Thin, K. S. Lwin, A. K. Shein, and H. Tun. 2003. A new species of Chirixalus (Anura: Rhacophoridae) from western Myanmar (Burma). Proceedings-California Academy of Sciences 54:17-26.
- Wilkinson, M., and P. J. R. Kok. 2010. A new species of Microcaecilia (Amphibia: Gymnophiona: Caeciliidae) from Guyana. Zootaxa 2719:35-40.
- Wilkinson, M., R. Nussbaum, and M. Hoogmoed. 2009. A New species of Microcaecilia (Amphibia: Gymnophiona: Caeciliidae) from Suriname. Herpetologica 65:413–418.
- Wilkinson, M., S. P. Loader, H. Müller, and D. J. Gower. 2004. Taxonomic status and phylogenetic relationships of Boulengerula denhardtiNieden, 1912 (Amphibia, Gymnophiona, Caeciliidae). Zoosystematics and Evolution 80:41–51.
- Willacy, R. J., M. Mahony, and D. A. Newell. 2015. If a frog calls in the forest: Bioacoustic monitoring reveals the breeding phenology of the endangered Richmond Range mountain frog (P hyloria richmondensis). Austral Ecology 40:625–633.
- Williams, S. E., and J.-M. Hero. 1998. Rainforest frogs of the Australian Wet Tropics: guild classification and the ecological similarity of declining species. Proceedings of the Royal Society B: Biological Sciences 265:597–602.
- Williams, Y. M. 2007. Ecological differences between rare and common species of microhylid frogs of the Wet Tropics biogeographic region. James Cook University.
- Wilson, L. D. 1994. Commentary on the reproductive biology and systematic relationships of Hyla insolita McCranie, Wilson, and Williams. Caribbean Journal of Science 30:214-221.
- Wilson, L. D., and J. R. McCranie. 1985. A new species of red-eyed Hyla of the uranochroa group (Anura: Hylidae) from the Sierra de Omoa of Honduras. Herpetologica 41:133-140.
- Wogan, G. O. U., H. Win, T. Thin, K. S. Lwin, A. K. Shein, S. W. Kyi, and H. Tun. 2003. A new species of Bufo (Anura: Bufonidae) from Myanmar (Burma), and redescription of the little-known species Bufo stuarti Smith 1929. Proceedings of the California Academy of Sciences 54:141-153.
- Wogel, H., and J. P. Pombal Jr. 2007. Comportamento reprodutivo e seleção sexual em Dendropsophus bipunctatus (Spix, 1824)(Anura, Hylidae). Papéis Avulsos de Zoologia (São Paulo) 47:165-174.
- Wollenberg, K. C., F. Andreone, F. Glaw, and M. Vences. 2008. Pretty in pink: a new treefrog species of the genus Boophis from north-eastern Madagascar. Zootaxa 1684:58-68.

- Wollenberg, K. C., F. Glaw, and M. Vences. 2012. Revision of the little brown frogs in the *Gephyromantis decaryi* complex with description of a new species. *Zootaxa* 3421:32-60.
- Wood, P. L., L. L. Grismer, N. Ahmad, and J. Senawi. 2008. Two New Species of Torrent-dwelling Toads *Ansonia Stoliczka*, 1870 (Anura: Bufonidae) from Peninsular Malaysia. *Herpetologica* 64:321–340.
- Woodward, B. D. 1982. Local Intraspecific Variation in Clutch Parameters in the Spotted Salamander (*Ambystoma maculatum*). *Copeia* 1982:157.
- Wright, A. H., and A. A. Wright. 1949a. Handbook of Frogs and Toads of the United States and Canada Comstock Publishing Co. Ithaca, NY.
- Wright, A. H., and A. A. Wright. 1949b. Handbook of Frogs and Toads of the United States and Canada. Comstock Publishing Company, Inc., Ithaca, New York.
- Wu, Y.-k., Y.-z. Wang, K. Jiang, and J. Hanken. 2010. A new newt of the genus *Cynops* (Caudata: Salamandridae) from Fujian Province, southeastern China. *Zootaxa* 2346:42–52.
- Wu, Y., K. Jiang, and J. Hanken. 2010. A new species of newt of the genus *Paramesotriton* (Salamandridae) from southwestern Guangdong, China, with a new northern record of *P. longliensis* from western Hubei. *Zootaxa* 2494:45-58.
- Wu, Y., S. M. Rovito, T. J. Papenfuss, and J. Hanken. 2009. A new species of the genus *Paramesotriton* (Caudata: Salamandridae) from Guangxi Zhuang Autonomous Region, southern China. *Zootaxa* 2060:59-68.
- Xiong, R.-C., J.-P. Jiang, L. Fei, B. Wang, and C.-Y. Ye. 2010. Embryonic development of the concave-eared torrent frog with its significance on taxonomy. *Zoological Research* 31:490-498.
- Xiong, R., M. Matsui, K. Nishikawa, and J. Jiang. 2015. Advertisement Calls of Two Horned Frogs, *Megophrys kuatunensis* and *M. huangshanensis*, from China (Anura, Megophryidae). *Current herpetology* 34:51-59.
- Yáñez-Muñoz, M. H., and P. Meza-Ramos. 2006. Generando información para conservar a *Colostethus delatorreae* (Anura: Dendrobatidae): una especie de rana nodriza críticamente amenazada en los Andes ecuatorianos. *Boletín Especies Amenazadas UICN* 6:1-3.
- Yáñez-Muñoz, M. H., P. Meza-Ramos, M. Altamirano, and C. Castro. 2010. Estado poblacional de una de rana nodriza (Anura: Dendrobatidae: *Hyloxalus delatorreae*), críticamente amenazada, en los Andes Norte de Ecuador. *Boletín Técnico 9 Serie Zoológica* 6:38-64.
- Yap, C. H., and I. Jaafar. 2011. Stomach Content Analysis of Tropical Forest Toads *Ingerophrynus parvus* and *Phrynoides aspera* (ANURA : BUFONIDAE) from Kedah, Malaysia. Conference: Taxonomist and Ecologist Conference 2011, At Sarawak, Malaysia.

- YE, C., L. Fei, f. Xie, and h. Jiang. 2007. A New Ranidae Species from China-*Limnonectes bannaensis* (Ranidae: Anura). *Zoological Research* 28:545-550.
- Yetman, C. A., P. J. Mokonoto, and W. H. Ferguson. 2012. Conservation implications of the age/size distribution of giant bullfrogs (*Pyxicephalus adspersus*) at three peri-urban breeding sites. *The Herpetological Journal* 22:23-32.
- Young, J. E., M. J. Tyler, and S. A. Kent. 2005. Diminutive New Species of *Uperoleia* Grey (Anura: Myobatrachidae) from the Vicinity of Darwin, Northern Territory, Australia. *Journal of Herpetology* 39:603–609.
- Yu, B. G., and R. Q. Zheng. 2009. The advertisement call of the giant spiny frog *Paa spinosa*. *Current Zoology* 55:411-415.
- Yu, T. L., et al. 2009. Seasonal variation and ontogenetic change in the diet of a population of *Bufo gargarizans* from the farmland, Sichuan, China. *Biharean Biologist* 3:99-104.
- YU, T., and X. LU. 2012. Body size variation of four latitudinally-separated populations of a toad species: age and growth rate as the proximate determinants. *Integrative Zoology* 8:315–323.
- Yuan, F. E. I. L. Y. E. C. 2001. A new species of the genus *paa* from Southeast Xizang, China (Amphibia: Ranidae). *Acta Zoologica Sinica* 2:17.
- Yústiz, E. 1991. Un nuevo *Colostethus* (Amphibia: Dendrobatidae) en la Sierra de Barbacoas, Estado Lara, Venezuela. *Bioagro* 3:145-150.
- Zachariah, A., R. K. Abraham, S. Das, K. C. Jayan, and R. Altig. 2012. A detailed account of the reproductive strategy and developmental stages of *Nasikabatrachus sahyadrensis* (Anura: Nasikabatrachidae), the only extant member of an archaic frog lineage. *Zootaxa* 3510:53-64.
- Zaher, H., E. Aguiar, and J. P. Pombal jr. 2005. *Paratelmatobius gaigeae* (Cochran, 1938) re-discovered (Amphibia, Anura, Leptodactylidae). *Arquivos do Museu Nacional, Rio de Janeiro* 63:321-328.
- Zaracho, V. H., J. A. Céspedes, and B. B. Álvarez. 2005. Aspectos reproductivos de Anfíbios de las provincias de Corrientes y Chaco, Argentina. *Miscelánea* 14:418.
- Zarevsky, S. 1926. Notes on some Batracians from the Palaearctic region. *Annuaire du Musée Zoologique de l'Académie des Sciences de Leningrad* 26:74-78.
- Zhang, j., Y. LI, Q. Dai, and y. Wang. 2010. Effects of Grazing on Diet of Anurans in Zoige Wetlands, Sichuan, China. *Chinese Journal of Applied & Environmental Biology* 16:5.
- ZHANG, L., and X. I. N. LU. 2012. Amphibians live longer at higher altitudes but not at higher latitudes. *Biological Journal of the Linnean Society* 106:623–632.

- Zhang, L., J. Yang, Y. Lu, X. Lu, and X. Chen. 2012. Aquatic eggs are fertilised by multiple males not engaged in amplexus in a stream-breeding frog. *Behavioural Processes* 91:304–307.
- Zheng, Y., R. A. O. Dingqi, R. W. Murphy, and Z. Xiaomao. 2011. Reproductive Behavior and Underwater Calls in the Emei Mustache Toad, *Leptobrachium boringii*. *Asian Herpetological Research* 2.
- Zhou, Y.-L., X. Qiu, X.-B. Fang, L.-Y. Yang, Y. Zhao, T. Fang, W.-H. Zheng, and J.-S. Liu. 2014. Acoustic characteristics of eight common Chinese anurans during the breeding season. *Zoological Research* 35:42-50.
- Zimkus, B. M. 2009. Biogeographical analysis of Cameroonian puddle frogs and description of a new species of *Phrynobatrachus* (Anura: Phrynobatrachidae) endemic to Mount Oku, Cameroon. *Zoological Journal of the Linnean Society* 157:795–813.
- Zimkus, B. M., and D. C. Blackburn. 2008. Distinguishing Features of the Sub-Saharan Frog Genera *Arthroleptis* and *Phrynobatrachus*: A Short Guide for Field and Museum Researchers. *Breviora* 513:1–12.
- Zimkus, B. M., L. Lawson, S. P. Loader, and J. Hanken. 2012. Terrestrialization, Miniaturization and Rates of Diversification in African Puddle Frogs (Anura: Phrynobatrachidae). *PLoS ONE* 7:e35118.
- Zimmerman, B. L., and J. P. Bogart. 1988. Ecology and Calls of Four Species of Amazonian Forest Frogs. *Journal of Herpetology* 22:97.
- Zimmermann, H., and E. Zimmermann. 1985. Zur Fortpflanzungsstrategie des Pfeilgiftfrosches *Phylllobates terribilis* Myers, Daly & Malkin, 1978 (Salientia: Dendrobatidae). *Salamandra* 21:281-297.
- Zina, J., and C. F. B. Haddad. 2006. Ecology and reproductive biology of two species of *Aplastodiscus* (Anura: Hylidae) in the Atlantic forest, Brazil. *Journal of Natural History* 40:1831–1840.
- Zina, J., G. R. Silva, D. Loebmann, and V. G. D. Orrico. 2014. The recognition of *Dendropsophus minusculus* (Hylidae, Dendropsophini) as a highly polymorphic, multi-domain distributed species. *Brazilian Journal of Biology* 74:S146–S153.
- Zocca, C. Z., F. F. Lirio, and R. B. Ferreira. 2014a. Observações sobre história natural de *Zachaeus carvalhoi* Izecksohn, 1983 “1982”(Amphibia: Anura: Cycloramphidae). *Boletim do Museu de Biologia Mello Leitão*:63-74.
- Zocca, C. Z., J. F. R. Tonini, and R. B. Ferreira. 2014b. Uso do espaço por anuros em ambiente urbano de Santa Teresa, Espírito Santo. *Boletim do Museu de Biologia Mello Leitão*:105-117.

- Zweifel, R. G. 1956. Results of the Archbold Expeditions. No. 72. Microhylid frogs from New Guinea, with descriptions of new species. American Museum Novitates 1766:1-49.
- Zweifel, R. G. 1972. Results of the Archbold Expeditions. No. 97. A Revision of the Frogs of the Subfamily Asterophryinae Family Microhylidae. Bulletin of the American Museum of Natural History 148:411-546.
- Zweifel, R. G. 1979. A new cryptic species of microhylid frog (genus *Cophixalus*) from Papua New Guinea, with notes on related forms. American Museum novitates 2678.
- Zweifel, R. G. 1980. Description and relationships of a new species of microhylid frog (genus *Barygenys*) from Papua New Guinea. Pacific Science 34:269-275.
- Zweifel, R. G. 2000. Partition of the australopapuan microhylid frog genus *Sphenophryne* with descriptions of new species. Bulletin of the American Museum of Natural History 253:1.
- Zweifel, R. G., and C. de la Neblina Expedition. 1986. A new genus and species of microhylid frog from the Cerro de la Neblina region of Venezuela and a discussion of relationships among New World microhylid genera. American Museum novitates 2863.
- Zweifel, R. G., and F. Parker. 1989. New species of microhylid frogs from the Owen Stanley Mountains of Papua New Guinea and resurrection of the genus *Aphantophryne*. American Museum novitates; 2954.
- Zweifel, R. G., and O. Shelly. 1956. Notes on microhylid frogs, genus *Cophixalus*, from New Guinea. American Museum novitates 1785. American Museum Novitates 1785.
- Zweifel, R. G., E. T. Gilliard, M. Gilliard, and others. 1960. A new microhylid frog from the Adelbert Mountains of New Guinea. American Museum novitates 2012. American Museum Novitates 2012:1-7.
- Zweifel, R. G., H. G. Cogger, and S. J. Richards. 2005. Systematics of Microhylid Frogs, Genus *Oreophryne*, Living at High Elevations in New Guinea. Am Museum Novitates 3495:1.
- Zweifel, R. G., H. M. Van Deusen, and others. 1972. A review of the frog genus *Lechriodus* (Leptodactylidae) of New Guinea and Australia. American Museum novitates 2507.
- Zweifel, R. G., R. F. Inger, R. Stuebing, and T. F. Lian. 1999. A Field Guide to the Frogs of Borneo. Copeia 1999:242.