

Supplementary Material 2. List of literature references from which data for this study have been collected.

- Abraham RK, Mathew JK, Cyriac VP, Zachariah Ar, Raju DV. Zachariah A. 2015. A novel third species of the Western Ghats endemic genus *Ghatixalus* (Anura: Rhacophoridae), with description of its tadpole. *Zootaxa* 4048: 101-113.
- Abraham RK, Mathew JK, Raju DV, Rao R, Zachariah A. 2018. Reproduction and metamorphosis in the Myristica Swamp tree frog, *Mercurana myristicapalustris* (Anura: Rhacophoridae) PeerJ 6:e5934
- Abraham RK, Pyron RA, Ansil BR, Zachariah A, Zachariah A. (2013). Two novel genera and one new species of treefrog (Anura: Rhacophoridae) highlight cryptic diversity in the Western Ghats of India. *Zootaxa* 3640:177-189.
- Abrunhosa, P. A., and Wogel, H. 2004. Breeding behavior of the leaf-frog *Phyllomedusa burmeisteri* (Anura: Hylidae). *Amphibia-Reptilia* 25:125-135.
- Acosta-Galvis AR, and Pinzón A. (2018). Una nueva rana nodriza (Anura: Dendrobatidae) de los bosques de niebla asociados a la cuenca del Orinoco de Colombia. *Biota Colombiana* 19: 160-190.
- Acosta-Galvis AR, Vargas-Ramírez M. 2018. A new species of *Hyloxalus* Jiménez De La Espada 1871 "1870" (Anura: Dendrobatidae: Hyloxalinae) from a cloud forest near Bogotá, Colombia, with comments on the subpunctatus clade. *Vertebrate Zoology* 68: 123-141.
- Acosta-Galvis AR. 2018. Una nueva rana de huesos verdes del género *Scinax* (Anura: Hylidae) asociada a los bosques subandinos de la cuenca del río Magdalena, Colombia. *Biota Colombiana* 19 (Suppl. 1) 131–159.
- Acosta-Galvis, A. R. (2015). Una nueva especie del género *Pristimantis* (Anura: Craugastoridae) del complejo de páramos Merchán-Iguaque (Boyacá, Colombia). *Biota Colombiana*, 16, 107-127.
- Acosta-Galvis, A. R., Cuentas, D. A., Coloma, L. A. (1999). Una nueva especie de *Colostethus* (Anura: Dendrobatidae) de la Región Caribe de Colombia. *Revista de la Academia Colombiana de Ciencias Exactas Físicas y Naturales*, 23, 225-230.
- Adams, D. C., Berns, C. M., Kozak, K. H., & Wiens, J. J. (2009). Are rates of species diversification correlated with rates of morphological evolution?. *Proceedings of the Royal Society of London B: Biological Sciences*, rspb-2009.
- Agarwal, I., M. Wilkinson, P. P. Mohapatra, S. K. Dutta, V. B. Giri, and D. J. Gower. 2013. The first teresomatan caecilian (Amphibia: Gymnophiona) from the Eastern Ghats of India—a new species of *Gegeneophis* Peters, 1880. *Zootaxa* 3696: 534–546.
- Aichinger M. 1985. Niederschlagsbedingte Aktivitätsmuster von Anuren des tropischen Regenwaldes. Eine quantitative Studie durchgeführt im Forschungsgebiet von Panguana (Peru) [PhD dissertation]. University of Vienna, Vienna.
- Alcala, A. C. 1986. Guide to Philippine Flora and Fauna: Amphibians and Reptiles. Natural Resources Management Center and University of the Philippines, Manila.
- Allison, A. and Kraus, F. (2001). New species of *Platymantis* (Anura: Ranidae) from New Ireland. *Copeia*, 2001(1), 194-202.
- Almeida AP, Angulo A. 2002. *Adenomera* aff. *marmorata* (NCN) reproduction. *Herpetological Review* 33: 197–198.
- Almendariz, A., Brito, J., Batallas, D., Vaca-Guerrero, J. & Ron, S.R. (2017). Una especie nueva de rana del género *Chiasmocleis* (Microhylidae: Gastrophryinae) de la Cordillera del Condor, Ecuador. *Papeis Avulsos de Zoologia*, 57, 119-136.
- Altig, R. and McDiarmid, R.W., 2015. *Handbook of larval amphibians of the United States and Canada*. Cornell University Press, Ithaca and London.
- Altig, R., and Johnston, G. F. (1989). Guilds of anuran larvae: relationships among developmental modes, morphologies, and habitats. *Herpetological Monographs*, 3: 81-109.
- Alves, A.C., Sawaya, R.J., Reis, S.F.D. & Haddad, C.F. (2009). New species of *Brachycephalus* (Anura: Brachycephalidae) from the Atlantic rain forest in São Paulo state, Southeastern Brazil. *Journal of Herpetology*, 43: 212-219.
- Amat, F. & Meiri, S. (2017). Geographical, climatic and biological constraints on age at sexual maturity in amphibians. *Biological Journal of the Linnean Society*, 123: 34-42.
- Andrade FS, Haga IA, Lyra ML, Carvalho TR, Haddad CFB, Giaretta AA, Toledo LF. (2018). A new species of *Pseudopaludicola* (Anura, Leptodactylidae, Leiuperinae) from the state of Minas Gerais, Brazil. *European Journal of Taxonomy* 480: 1–25.
- Andrade FS, Haga IA, Lyra ML, Leite FSF, Kwet A, Haddad CFB, Toledo LF, and Giaretta AA. 2018. A new species of *Pseudopaludicola* Miranda-Ribeiro (Anura: Leptodactylidae: Leiuperinae) from eastern Brazil, with novel data on the advertisement call of *Pseudopaludicola falcipes* (Hensel). *Zootaxa* 4433: 71–100.
- Andreone, F., Crottini, A., Rosa, G. M., Rakotoarison, A., Scherz, M. D. & Raselimanana, A. P. (2018). Les amphibiens du nord de Madagascar. Association Vahatra, Antananarivo. 355 pp.

- Anstis M, Price LC, Roberts JD, Catalano SR, Hines HB, Doughty P, Donnellan SC (2016). Revision of the water-holding frogs, *Cyclorana platycephala* (Anura: Hylidae), from arid Australia, including a description of a new species. *Zootaxa* 4126: 451-479.
- Anstis, M. (2017). Tadpoles and frogs of Australia. Second Edition. New Holland Publishers, London.
- Aowphol A, Rujirawan A, Taksintum W, Chuaynkern Y, Stuart BL 2015 A new caruncle-breeding *Limnonectes* (Anura: Dicroglossidae) from northeastern Thailand. *Zootaxa* 3956:258-270.
- Arakelyan, M.S., Danielyan, F.D., Corti, C., Sindaco, R. & Leviton, A.E. (2011). Herpetofauna of Armenia and Nagorno-Karabakh. Society for the Study of Amphibians and Reptiles. 149pp.
- Araujo-Vieira I, Lacerda JVA, Pezzuti TL, Leite FSF, Assis CLS, Cruz CAG 2015 A new species of hatchet-faced treefrog *Sphaenorhynchus Tschudi* (Anura: Hylidae) from Quadrilátero Ferrífero, Minas Gerais, southeastern Brazil. *Zootaxa* 4059: 96-114.
- Araujo-Vieira K, Valdujo PH, Faivovich J. 2016. A new species of *Scinax* Wagler (Anura: Hylidae) from Mato Grosso, Brazil. *Zootaxa* 4061: 261–273.
- Arias E, Chaves G, Crawford AJ, Parra-Olea G 2016 A new species of the *Craugastor podiciferus* species group (Anura: Craugastoridae) from the premontane forest of southwestern Costa Rica. *Zootaxa* 4132: 347-363.
- Arias E, Hertz A, Parra-Olea G (2019). Taxonomic assessment of *Craugastor podiciferus* (Anura: Craugastoridae) in lower Central America with the description of two new species. *Amphibian & Reptile Conservation* 13:173-197.
- Arias, E. & Kubicki, B. (2018). A new moss salamander, genus *Nototriton* (Caudata: Plethodontidae), from the Cordillera de Talamanca, in the Costa Rica-Panama border region. *Zootaxa*, 4369, 487-500.
- Arifin U, Smart U, Hertwig ST, Smith EN, Iskandar DT, Haas A (2018) Molecular phylogenetic analysis of a taxonomically unstable ranid from Sumatra, Indonesia, reveals a new genus with gastromyzophorous tadpoles and two new species. *Zoosystematics and Evolution* 94(1): 163-193.
- Arifin, U., Cahyadi, G., Smart, U., Jankowski, A. & Haas, A. (2018). A new species of the genus *Pulchrana* Dubois, 1992 (Amphibia: Ranidae) from Sumatra, Indonesia. *Raffles Bulletin of Zoology*, 66, 277-299.
- Arnold, S. J. (1976). Sexual behavior, sexual interface and sexual defense in the salamanders *Ambystoma maculatum*, *Ambystoma trigrinum* and *Plethodon jordani*. *Z. Tierpsychol*, 42: 247-300.
- Arteaga-Navarro A, Pyron RA, Peñafiel N, Romero-Barreto P, Culebras J, Bustamante L, Yáñez-Muñoz MH, Guayasamin JM 2016 Comparative phylogeography reveals cryptic diversity and repeated patterns of cladogenesis for amphibians and reptiles in northwestern Ecuador. *PLoS One*, 11: e0151746.
- Arteaga, A., Bustamante, L., Guayasamin, J. M. (2013). The Amphibians and Reptiles of Mindo. Universidad Tecnológica Indoamérica, Quito. Imprenta Mariscal, Ecuador.
- Arzabe C, Almeida CC. 1996. Life history notes on *Leptodactylus troglodytes* (Anura, Leptodactylidae) in northeastern Brazil. *Amphibia-Reptilia* 18:211–215.
- Atmaja, V.Y., Hamidy, A., Arisuryanti, T., Matsui, M. & Smith, E.N. (2018). A new species of *Microhyla* (Anura: Microhylidae) from Sumatra, Indonesia. *Treubia*, 45: 25-46.
- Avila-Pires TCS, Hoogmoed MS, Rocha WA (2010) Notes on the Vertebrates of northern Pará, Brazil: a forgotten part of the Guianan Region, I. Herpetofauna. *Bol Mus Para Emilio Goeldi Ser Ciên Nat* 5: 13–112.
- Baeta D, Giasson LOM, Pombal Jr JP, Haddad CFB 2016 Review of the rare genus *Phrynomedusa* Miranda-Ribeiro, 1923 (Anura: Phyllomedusidae) with description of a new species. *Herpetological Monographs* 30: 49-78.
- Bagnara, J. T., Iela, L., Morrisett, F., and Rastogi, R. K. 1986. Reproduction in the Mexican leaf frog (*Pachymedusa dacnicolor*) I. Behavioral and morphological aspects. *Occasional Papers of the Museum of Natural History, The University of Kansas, Lawrence, Kansas* 121:1-31.
- Baha El Din, S. (2006). A guide to the reptiles and amphibians of Egypt. The American University in Cairo Press, Cairo.
- Baier, F., Sparrow, D.J. & Wiedl, H.J. (2009). The amphibians and reptiles of Cyprus. Edition Chimaira, Frankfurt.
- Bain, R. H., Lathrop, A., Murphy, R. W., Orlov, N. L., and Ho, T. C. 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., T. Q. Nguyen, and K. V. Doan. 2009. A new species of the genus *Theloderma* Tschudi, 1838 (Anura: Rhacophoridae) from northwestern Vietnam. *Zootaxa* 2191: 58–68.
- Balakrishna, T. A., K. R. Gundappa, and K. Shakuntala. 1983. Observations on the eggs and embryo of *Ichthyophis malabarensis* (Taylor) (Apoda: Amphibia). *Current Science* 52:990-991.
- Bar, A. & Haimovitch, G. (2011). A field guide to reptiles and amphibians of Israel. Israel.
- Barej MF, Schmitz A, Penner J, Doumbia J, Sandberger-Loua L, Hirschfeld M, Brede C, Emmrich M, Kouame N'G, Hillers A, Gonwouo NL, Nopper J, Adeba PJ, Bangoura MA, Gage C, Anderson G, Roedel M-O. (2015). Life in the spray zone - overlooked diversity in West African torrent-frogs (Anura, Odontobatrachus). *Zoosyst. Evol* 91:115-149.

- Barker, J., Grigg, G. C., and Tyler, M. J. (1995). *A Field Guide to Australian Frogs*. Surrey Beatty and Sons, New South Wales.
- Barratt, Lawson and Loader, in Barratt CD. Lawson LP, Bittencourt-Silva GB, Doggart N, Morgan-Brown T, Nagel P, Loader SP. 2017. A new, narrowly distributed, and critically endangered species of spiny-throated reed frog (Anura: Hyperoliidae) from a highly threatened coastal forest reserve in Tanzania. *Herpetological Journal*, 27:13-24.
- Barrio-Amoros CL, Brewer-Carias C 2008 Herpetological results of the 2002 expedition to Sarisarinama, a tepui in Venezuelan Guyana, with the description of five new species. *Zootaxa* 1942:1-68
- Barrio-Amoros CL, Santos JC 2009 Description of a new *Allobates* (Anura, Dendrobatidae) from the eastern Andean piedmont, Venezuela. *Phyllomedusa* 8:89-104.
- Barrio-Amoros, C.L. (2010). A new *Ceuthomantis* (Anura: Terrarana: Ceuthomantidae) from Sarisarinama Tepui, southern Venezuela. *Herpetologica*, 66:172-181.
- Barrio-Amorós, C.L., Heinicke, M.P. & Hedges, S.B. (2013). A new tuberculated *Pristimantis* (Anura, Terrarana, Strabomantidae) from the Venezuelan Andes, redescription of *Pristimantis pleurostriatus*, and variation within *Pristimantis vanadisae*. *Zootaxa*, 3647, 43-62.
- Barrio-Amoros, C.L., Rivero, R. & Santos, J.C. (2011). A new striking dendrobatid frog (Dendrobatidae: Aromobatinae, Aromobates) from the Venezuelan Andes. *Zootaxa*, 3063: 39-52.
- Barrio-Amoros, C.L., Santos, J.C. & Jovanovic, O. (2010). A new dendrobatid frog (Anura: Dendrobatidae: Anomaloglossus) from the Orinoquian rainforest, southern Venezuela. *Zootaxa* 2413:37-50.
- Barrio-Amoros, C.L., Santos, J.C. & Molina, C.R. (2010). An addition to the diversity of dendrobatid frogs in Venezuela: description of three new collared frogs (Anura: Dendrobatidae: Mannophryne). *Phyllomedusa*, 9: 3-35.
- Barrio-Amoros, C.L., Fuentes, O. & Rivas, G. (2004). Two new species of *Colostethus* (Anura: Dendrobatidae) from the Venezuelan Guayana. *Salamandra*, 40:183-200.
- Barrio, A. 1969. Observaciones sobre *Chthonerpeton indistinctum* (Gymnophiona, Caeciliidae) y su reproducción. *Physis* 28:400-503.
- Bartlett, R.D. & Bartlett, P.P. (2003). *Reptiles and amphibians of the Amazon*. University Press of Florida, Gainesville.
- Bartlett, R.D. & Bartlett, P.P. (2013). *New Mexico's reptiles & amphibians. A field guide*. University of New Mexico Press, Albuquerque.
- Basso, N.G., Úbeda, C.A., Bunge, M.M., Martinazzo, L.B. (2011). A new genus of neobatrachian frog from southern Patagonian forests, Argentina and Chile. *Zootaxa*, 3002, 31-44.
- Bastos, R. P., and Haddad, C. F. B. 1996. Breeding activity of the neotropical treefrog *Hyla elegans* (Anura, Hylidae). *Journal of Herpetology* 30:355-360.
- Batista, A., G. Köhler, K. Mebert, A. Hertz, and M. Vesely. 2016. An integrative approach to reveal speciation and species richness in the genus *Diasporus* (Amphibia: Anura: Eleutherodactylidae) in eastern Panama. *Zoological Journal of the Linnean Society* 178: 267–311.
- Beane, J.C., Braswell, A.L., Mitchell, J.C. and Palmer, W.M., 2010. *Amphibians and Reptiles of the Carolinas and Virginia*. Univ of North Carolina Press.
- Beck, C. W. 1998. Mode of fertilization and parental care in anurans. *Animal Behavior* 55:439-449.
- Beebee, T. J. C., and Griffiths, R. A. 2000. *Amphibians and Reptiles-A Natural History of the British Herpetofauna*. HarperCollins Publishers, London.
- Bei, Y., S. Meng, G. Li, W. Xie, J. Li, and L. Zhang. 2012. First record of nest site and egg guarding in the caecilian *Ichthyophis bannanicus* (Amphibia: Gymnophiona: Ichthyophiidae). *J. Nat. Hist.* 46:859-865.
- Bell RC 2016 A new species of *Hyperolius* (Amphibia: Hyperoliidae) from Principe Island, Democratic Republic of Sao Tome and Principe. *Herpetologica* 72:343-351.
- Berkhouse, C. S., & Fries, J. N. (1995). Critical thermal maxima of juvenile and adult San Marcos salamanders (*Eurycea nana*). *The Southwestern Naturalist*, 40(4), 430-434.
- Bernal, X. E., Guarnizo, C., and Luddecke, H. 2005. Geographic variation in advertisement call and genetic structure of *Colostethus palmatus* (Anura, Dendrobatidae) from the Colombian Andes. *Herpetologica* 61:395-408.
- Berneck BVM, Giaretta AA, Brandão RA, Cruz CAG, Haddad CFB (2017) The first species of *Aplastodiscus* endemic to the Brazilian Cerrado (Anura, Hylidae). *ZooKeys* 642: 115-130.
- Bhatta G, Dinesh KP, Prashanth, Kulkarni N, Radhakrishnan C 2011 A new caecilian *Ichthyophis davidi* sp. nov. (Gymnophiona: Ichthyophiidae): the largest striped caecilian from the Western Ghats. *Current Science* 101: 1015-1019.
- Bhatta, G. & Prashanth, P. (2004) *Gegeneophis nadkarnii* – a caecilian (Amphibia: Gymnophiona: Caeciliidae) from Bondla Wildlife Sanctuary, Western Ghats. *Current Science*, 87, 388-391.
- Bhatta, G. & Srinivasa, R. (2004) A new species of *Gegeneophis Peters* (Amphibia: Gymnophiona: Caeciliidae) from the surroundings of Mookambika Wildlife Sanctuary, Karnataka, India. *Zootaxa*, 644, 1-8.

- Bhatta, G. 1999. Some aspects of general activity, foraging and feeding in *Ichthyophis beddomei* (Peters) and *Ichthyophis malabarensis* (Taylor) (Apoda: Ichthyophiidae) in captivity. *Zoo's Print J.* 14:23-26.
- Bhatta, G., Dinesh, K.P., Prashanth, P. & Kulkarni, N.U. (2007a) A new species of *Gegeneophis* Peters (Amphibia: Gymnophiona: Caeciliidae) from Goa, India. *Zootaxa*, 1409, 51-59.
- Bhatta, G., Dinesh, K.P., Prashanth, P. & Kulkarni, N.U. (2007b) A new species of the Indian caecilian genus *Gegeneophis* Peters (Amphibia: Gymnophiona: Caeciliidae) from the surroundings of Mahadayi Wildlife Sanctuary, Western Ghats. *Current Science*, 93, 1442-1445.
- 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 SD, Garg S, Gururaja KV, Souche Y, Walujkar SA 2014. DNA barcoding reveals unprecedented diversity in Dancing Frog of India (Micrixalidae, Micrixalus): a taxonomic revision with description of 14 new species. *Ceylon J Sci (Bio. Sci.)* 43:1-87.
- 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. *Contributions to Zoology*. Amsterdam 83: 269-335.
- Biju, S.D., Van Bocxlaer, I., Giri, V.B., Loader, S.P. & Bossuyt, F. (2009). Two new genera and new species of toad (Anura: Bufonidae) from the Western Ghats of India. *BMC Research Notes*, 2, 241.
- Bingham, R.E., Papenfuss, T.J., Lindstrand, L. & Wake, D.B. (2018). Phylogeography and species boundaries in the *Hydromantes shastae* complex, with description of two new species (Amphibia, Caudata, Plethodontidae). *Bulletin of the Museum of Comparative Zoology*, 161, 403-427.
- Bishop, S.C. (1943). *Handbook of salamanders. The salamanders of the United States, of Canada, and of lower California.* Cornell University Press, Ithaca & London.
- 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. (2010). A new squeaker frog (Arthroleptidae: Arthroleptis) from Bioko Island, Equatorial Guinea. *Herpetologica*, 66:320-334.
- Blackburn, D.C., Kosuch, J., Schmitz, A., Burger, M., Wagner, P., Nono Gonwouo, L., Hillers, A. & Rodel, M.O. (2008). A New Species of *Cardioglossa* (Anura: Arthroleptidae) from the Upper Guinean Forests of West Africa. *Copeia*, 3: 603-612.
- Bletz MC, Scherz MD, Rakotoarison A, Lehtinen RM, Glaw F, and Vences M. (2018). Stumbling upon a new frog species of *Guibemantis* (Anura: Mantellidae) on top of the Marojejy Massif in northern Madagascar. *Copeia*, 106, 255-263.
- Blommers-Schlösser, R. M. A. 1979. Biosystematics of the Malagasy frogs II. The genus *Boophis* (Rhacophoridae). *Bijdragen tot de Dierkunde* 19:261-312.
- Bogert, C. M. 1962. Isolation mechanisms in toads of the *Bufo debilis* group in Arizona and western Mexico. *American Museum Novitates* 2100:1-37.
- Böhme, W., T. Schöttler, T. Q. Nguyen, and J. Köhler. 2005. A new species of salamander, genus *Tylototriton* (Urodela: Salamandridae) from northern Vietnam. *Salamandra* 41: 215-220.
- Boistel, R., de Massary, J-C. & Angulo, A. (2006). Description of A new species of the genus *Adenomera* (Amphibia, Anura, Leptodactylidae) from French Guiana. *Acta Herpetologica*, 1: 1-4.
- Bonett, R. M., Chippindale, P. T., Moler, P. E., Van Devender, R. W., & Wake, D. B. (2009). Evolution of gigantism in amphiumid salamanders. *PLoS one*, 4(5), e5615.
- Bornschein MR, Firkowski DR, Baldo D, Ribeiro LF, Belmonte-Lopes R, Correa L, Morato SAA, Pie MR 2014. Three new species of phytotelm-breeding *Melanophryniscus* from the Atlantic rainforest of southern Brazil (Anura: Bufonidae). *PLoS One*, 10: e0142791.
- Bornschein, M. R., Ribeiro, L.F., Blackburn, D.C., Stanley, E.L. & Pie, M.R. (2016). A new species of *Brachycephalus* (Anura: Brachycephalidae) from Santa Catarina, Southern Brazil. *PeerJ* 4:e262
- Bossuyt, F., and A. Dubois. 2001. A review of the frog genus *Philautus* Gistel, 1848 (Amphibia, Anura, Ranidae, Rhacophorinae). *Zeylanica*. Colombo 6: 1-112.
- Bourne, G. R., Collins, A. C., Holder, A. M., and McCarthy, C. L. 2001. Vocal communication and reproductive behavior of the frog *Colostethus beebei* in Guyana. *Journal of Herpetology* 35:272-281.
- Brandon, R. A. (1970). Size range, size at maturity, and reproduction of *Ambystoma* (*Bathysiredon*) *dumerilii* (Duges), a paedogenetic Mexican salamander endemic to Lake Patzcuaro, Michoacan. *Copeia*, 1970(2), 385-388.
- Brasileiro, C.A. & Haddad, C.F.B. 2015. A new species of *Physalaemus* from central Brazil (Anura: Leptodactylidae). *Herpetologica*, 71: 280-288.
- Brauer, A. 1897. Beiträge zur Kenntniss der Entwicklungsgeschichte und der Anatomie der Gymnophionen. *Zool. Jb. Anat.* 10:277-472.
- Brauer, A. 1899. Beiträge zur Kenntniss der Entwicklung und Anatomie der Gymnophionen. *Zool. Jb. Anat.* 12:477-508.

- Bravo-Valencia, L., and M. Rivera-Correa. 2011. A new species of harlequin frog (Bufonidae: Atelopus) with an unusual behavior from Andes of Colombia. *Zootaxa* 3045: 57–67.
- Breckenridge, W.J. 1944. Reptiles and amphibians of Minnesota. University of Minnesota Press.
- Breisch, A.R. 2017. The Snake and the Salamander: Reptiles and Amphibians from Maine to Virginia. JHU Press.
- Brito J, Ojala-Barbour R, Batallas D, Almendariz A 2016 A New Species of *Pristimantis* (Amphibia: Strabomantidae) from the Cloud Forest of Sangay National Park, Ecuador. *Journal of Herpetology* 50: 337-344.
- Brito, J. & Almendariz, A. (2018). Una especie nueva de rana *Pristimantis* (Amphibia: Strabomantidae) de ojos rojos de la Cordillera de Condor, Ecuador. *Cuadernos de Herpetología*, 32, 31-40.
- Brito, J., Almendariz, A., Batallas, D. & Ron, S.R. (2017). Nueva especie de rana bromelícola del género *Pristimantis* (Amphibia: Craugastoridae), meseta del la Cordillera del Condor, Ecuador. *Papeis Avulsos de Zoologia*, 57, 177-195.
- Brito, J., Batallas, D. & Yáñez-Muñoz, M.H. (2017). Ranas terrestres *Pristimantis* (Anura: Craugastoridae) de los bosques montanos del río Upano, Ecuador: lista anotada, patrones de diversidad y descripción de cuatro especies nuevas. *Neotropical Biodiversity*, 3, 125-156.
- Brown JL, Twomey E, Amezcua A, De Souza MB, Caldwell JP, Loetters S, Von May R, Melo-Sampaio PR, Mejia-Vargas D, Perez-Pena P, Pepper M, Poelman EH, Sanchez-Rodriguez M, Summers K. (2011). A taxonomic revision of the Neotropical poison frog genus *Ranitomeya* (Amphibia: Dendrobatidae). *Zootaxa*, 3083, 1-120.
- Brown RM 2015 A new species of stream frog of the genus *Hylarana* from the mountains of southern Mindanao Island, Philippines. *Herpetologica* 71: 223-233.
- Brown RM, Layola LA de, Lorenzo II A, Diesmos MLL, Diesmos AC 2015 A new species of limestone karst inhabiting forest frog, genus *Platymantis* (Amphibia: Anura: Ceratobatrachidae: subgenus *Lupacolus*) from southern Luzon Island, Philippines. *Zootaxa* 4048: 191-210.
- Brown RM, Prue A, Onn CK, Gaulke M, Sanguila MB, Siler CD (2017). Taxonomic reappraisal of the northeast Mindanao Stream Frog, *Sanguirana albotuberculata* (Inger 1954), validation of *Rana mearnsi*, Stejneger 1905, and Description of a new species from the central Philippines. *Herpetological Monographs* 31: 182-203.
- Brown, J. L., Schulte, R. & Summers, K. (2006). A new species of *Dendrobates* (Anura: Dendrobatidae) from the Amazonian lowlands in Perú. *Zootaxa* 1152: 45-58.
- Brown, J. L., Twomey, E., Morales, V., and K. Summers. 2008. Phytotelm size in relation to parental care and mating strategies in two species of Peruvian poison frogs. *Behaviour* 145:1139-1165.
- Brown, J.L. & Twomey, E. (2009). Complicated histories: three new species of poison frogs of the genus *Ameerega* (Anura: Dendrobatidae) from north-central Peru. *Zootaxa*, 2049: 1-38.
- Brown, R. M., C. D. Siler, S. J. Richards, A. C. Diesmos, and D. C. Cannatella. 2015. Multilocus phylogeny and a new classification for Southeast Asian and Melanesian forest frogs (family Ceratobatrachidae). *Zoological Journal of the Linnean Society* 174: 130–168.
- Brown, R.M. & Richard, S.J. 2008. Two new frogs of the genus *Platymantis* (Anura: Ceratobatrachidae) from the Isabel Island group, Solomon Islands. *Zootaxa*, 1888:47-68
- Brown, R.M., Richards, S.J. & Broadhead, T.S. 2013 A new shrub frog in the genus *Platymantis* (Ceratobatrachidae) from the Nakanai Mountains of eastern New Britain Island, Bismarck Archipelago. *Zootaxa*, 3710:31-45.
- Bruce, R. C. (1976). Population structure, life history and evolution of paedogenesis in the salamander *Eurycea neotenes*. *Copeia*, 242-249.
- Bruce, R.C., Jaeger, R.G. and Houck, L.D. eds., 2012. The biology of plethodontid salamanders. Springer Science & Business Media.
- Brusquetti F, Jansen M, Barrio-Amoros C, Segalla M, Haddad CFB. (2014). Taxonomic review of *Scinax fuscomarginatus* (Lutz, 1925) and related species (Anura; Hylidae). *Zoological Journal of the Linnean Society*, 171, 783-821.
- Brzoska, J., Schneider, H., and Nevo, E. 1982. Territorial behavior and vocal responses in male *Hyla arborea savignyi* (Amphibia: Anura). *Israel Journal of Zoology* 31:27-37.
- Budzik KA, Żuwała K, Kupfer A, Gower DJ, Wilkinson M (2015) Diverse anatomy of the tongue and taste organs in five species of caecilian (Amphibia: Gymnophiona). *Zoologischer Anzeiger - A Journal of Comparative Zoology*, 257 : 103 - 109.
- Bush, S. L. 1996. Why is double clutching rare in the Majorcan midwife toad? *Animal Behavior* 52:913-922.
- Busse, K. 2002. Is the Chile Darwin's frog (*Rhinoderma rufum*) still alive? The Web Site of Huina-pukios. <http://www.geocities.com/biodiversidadchile/rhinorufum.htm>. (Accessed on January 2, 2008)
- Cajade, R., Schaefer, E.F., Duré, M.I., Kehr, A.I. & Marangoni, F. (2010): Reproductive biology of *Argenteohyla siemersi pedersenii* Williams and Bosso, (Anura: Hylidae) in northeastern Argentina, *Journal of Natural History*, 44: 1953-1978.

- Caldwell, J. P. 1974. A re-evaluation of the *Hyla bistincta* species group, with descriptions of three new species (Anura: Hylidae). *Occasional Papers of the Museum of Natural History, University of Kansas* 28:1-37.
- Caldwell, J. P., and de Araujo, M. C. 2004. Historical and ecological factors influence survivorship in two clades of phytotelm-breeding frogs (Anura: Bufonidae, Dendrobatidae). *Miscellaneous Publications, Museum of Zoology, University of Michigan* 193:11-21.
- Caldwell, J. P., and de Oliveira, V. R. L. 1999. Determinants of biparental care in the spotted poison frog, *Dendrobates vanzolinii* (Anura: Dendrobatidae). *Copeia* 1999:565-575.
- Caldwell, J. P., Lima, A. P. 2003. A new Amazonian species of *Colostethus* (Anura: Dendrobatidae) with a nidicolous tadpole. *Herpetologica* 59:219-234.
- Caminer MA, Milá B, Jansen M, Fouquet A, Venegas PJ, et al. (2017) Correction: Systematics of the *Dendropsophus leucophyllatus* species complex (Anura: Hylidae): Cryptic diversity and the description of two new species. *PLOS ONE* 12(4): e0176902
- Camp, C.D. (1999). Intraspecific aggressive behavior in southeastern small species of *Plethodon*: inferences for the evolution of aggression in terrestrial salamanders. *Herpetologica*, 55: 248-254.
- Campbell JA, Brodie Jr, ED, Caviades-Solis IW, Nieto-Montes de Oca A, Luja VJ, Flores-Villela O, García-Vázquez UO, Chandra Sarker G, Wostl E, and Smith EN. 2018. Systematics of the frogs allocated to *Sarcohyala bistincta* sensu lato (Cope, 1877), with description of a new species from Western Mexico. *Zootaxa* 4422: 366–384.
- Campbell, J. A. (1998). *Amphibians and reptiles of Northern Guatemala, the Yucatan, and Belize*. University of Oklahoma Press, Norman.
- Canedo, C., Dixo, M. & Pombal, J.P. (2004). A new species of *Chiasmocleis* Méhely, 1904 (Anura, Microhylidae) from the Atlantic rainforest of Bahia, Brazil. *Herpetologica*, 60, 495-501.
- Canseco-Marquez, L., Aguilar-Lopez, J.L., Luria-Manzano, R., Pineda, E. & Caviades-Solis, I.W. (2017). A new species of treefrog of the genus *Ptychohyala* (Anura: Hylidae) from Southern Mexico. *Zootaxa*, 4317, 279-290.
- Caramaschi, U. 2003. A new species of the *Bufo margaritifera* (Laruenti, 1768) complex from the State of Mato Grosso do Sul, Brazil (Amphibia, Anura, Bufonidae). *Boletim Do Museu Nacional-Zoologia* 501:1-16.
- Caramaschi, U., Orrico, V.G.D., Faivovich, J., Ribeiro-Dias, I. & Sole, M. 2013. A new species of *Allophryne* (Anura: Allophrynidae) from the Atlantic Rain Forest Biome of Eastern Brazil. *Herpetologica*, 69:480-491.
- Cardozo, D.E. & Pereyra, M.O. (2018). A new species of *Physalaemus* (Anura, Leptodactylidae) from the Atlantic Forest of Misiones, northeastern Argentina. *Zootaxa*, 4387, 580-590.
- Cardozo, D.E., Baldo, D., Pupin, N., Gasparini, J.L. & Haddad, C.F.B. (2018). A new species of *Pseudopaludicola* (Anura, Leiuperinae) from Espírito Santo, Brazil. *PeerJ*, 6, e4766.
- Carey, J. R. & Judge, D.S. (2000). *Longevity records. Life spans of mammals, birds, amphibians, reptiles, and fish*. Odense University Press, Odense.
- Carroll, R.L., 2009. The rise of amphibians: 365 million years of evolution.
- Carvajal-Endara, S., Coloma, L.A., Morales-Mite, M.A., Guayasamin, J.M., Szekely, P. and Duellman, W.E. (2019). Phylogenetic systematics, ecology, and conservation of marsupial frogs (Anura: Hemiphractidae) from the Andes of southern Ecuador, with descriptions of four new biphasic species. *Zootaxa*, 4562: 1-102.
- Carvalho, V. T. de, R. D. MacCulloch, L. Bonora, and R. C. Vogt. 2010. New Species of *Stefania* (Anura: Cryptobatrachidae) from northern Amazonas, Brazil. *Journal of Herpetology* 44: 229–235.
- Cascon, P., Lima-Verde, J.S. (1994). Uma nova espécie de *Chthonerpetondo* nordeste brasileiro (Amphibia, Gymnophiona, Typhlonectidae). *Revista Brasil. Biol.* 54: 549–553.
- Castroviejo-Fisher, S., Kohler, J., de la Riva, I., Padial, J.M. (2017). A new morphologically cryptic species of *Phyllomedusa* (Anura: Phyllomedusidae) from Amazonian forests of northern Peru revealed by DNA sequences. *Zootaxa*, 4269, 245-264.
- Castroviejo-Fisher, S., Pérez-Peña, P.E., Padial, J.M., and Guayasamin, J.M. (2012). A second species of the family *Allophrynidae* (Amphibia: Anura). *American Museum Novitates*, 3739: 1-17.
- Catenazzi A, Lehr E. 2018. *Pristimantis antisuyi* sp. n. and *Pristimantis erythroinguinis* sp. n., two new species of terrestrial-breeding frogs (Anura, Strabomantidae) from the eastern slopes of the Andes in Manu National Park, Peru. *Zootaxa* 4394: 185-200.
- Catenazzi A, Tito A, Diaz MI, Shepack A (2017) *Bryophryne phuyuhampatu* sp. n., a new species of Cusco Andes frog from the cloud forest of the eastern slopes of the Peruvian Andes (Amphibia, Anura, Craugastoridae). *ZooKeys* 685: 65-81.
- Catenazzi A, Tito A. (2016) A new species of *Psychrophrynella* (Amphibia, Anura, Craugastoridae) from the humid montane forests of Cusco, eastern slopes of the Peruvian Andes. *PeerJ* 4:e1807.
- Catenazzi A, Vargas V, Lehr E 2015 A new species of *Telmatobius* (Amphibia, Anura, Telmatobiidae) from the Pacific slopes of the Andes, Peru. *ZooKeys* 480: 81-95.

- Catenazzi A, Von May R, Lehr E, Gagliardi-Urrutia G, Guaysamin JM 2012 A new, high-elevation glassfrog (Anura: Centrolenidae) from Manu National Park, southern Peru. *Zootaxa* 3388: 56-68.
- Catenazzi, A, Uscapi V, von May R 2015 A new species of *Noblella* from the humid montane forests of Cusco, Peru. *Zookeys* 516: 71-84.
- Catenazzi, A. & Tito, A. (2018). *Psychrophrynella glauca* sp. n., a new species of terrestrial-breeding frogs (Amphibia, Anura, Strabomantidae) from the montane forests of the Amazonian Andes of Puno, Peru. *PeerJ* 6: e4444.
- Cei, J. M. (1962). *Batracios de Chile*. Ediciones Universidad de Chile, Santiago.
- Cei, J.M. (1980). *Amphibians of Argentina*. *Monitore Zoologico Italiano*, Florence.
- Ceríaco LMP, Marques MP, Bandeira S, Agarwal I, Stanley EL, Bauer AM, Heinicke MP, and Blackburn DC. (2018). A new earless species of *Poyntonophrynus* (Anura, Bufonidae) from the Serra da Neve Inselberg, Namibe Province, Angola. *ZooKeys* 780: 109-136.
- Chan, K. O., Grismer, L. L. & Grismer, J.L. 2011. A new insular, endemic frog of the genus *Kalophrynus* Tschudi, 1838 (Anura: Microhylidae) from Tioman Island, Pahang, Peninsular Malaysia. *Zootaxa*, 3123: 60-68.
- Chandramouli SR, Vasudevan K, Harikrishnan S, Dutta SK, Janani SJ, Sharma R, Das I, Aggarwal RK 2016 A new genus and species of arboreal toad with phytotelmonous larvae, from the Andaman Islands, India (Lissamphibia, Anura, Bufonidae). *ZooKeys* 555: 57-90.
- Channing A, and Willems F. 2018. A new grass frog with rupicolous tadpoles from northern Zambia (Anura: Ptychadenidae). *Zootaxa* 4462: 349–366.
- Channing A., Schmitz A., Burger M., and Kielgast J. (2013). A molecular phylogeny of African Dainty Frogs, with the description of four new species (Anura: Pyxicephalidae: *Cacosternum*). *Zootaxa*, 3701, 518-550.
- Channing, A. (2001). *Amphibians of Central and Southern Africa*. Cornell University Press, Ithaca.
- Channing, A. & Howell, K.M. (2006). *Amphibians of East Africa*. Cornell University Press, Ithaca.
- Channing, A. 2012. A new species of Rain Frog from Namaqualand, South Africa (Anura: Brevicipitidae: *Breviceps*). *Zootaxa* 3381: 62–68.
- Channing, A., G.J. Measey, A.L. de Villiers, A.A. Turner, and K.A. Tolley. (2017). Taxonomy of the *Capensibufo rosei* group (Anura: Bufonidae) from South Africa. *Zootaxa*, 4232, 282-292.
- Channing, A., Moyer, D. C., and Howell, K. M. 2002. Description of a new torrent frog in the genus *Arthroleptides* from Tanzania (Amphibia, Anura, Ranidae). *Alytes* 20:13-27.
- Chaparro, J. C., J. M. Padial, R. C. Gutiérrez, and I. De la Riva. 2015. A new species of Andean frog of the genus *Bryophryne* from southern Peru (Anura: Craugastoridae) and its phylogenetic position, with notes on the diversity of the genus. *Zootaxa* 3994: 94–108.
- Charrier A, Correa C, Castro C, Mendez MA 2015 A new species of *Alsodes* (Anura: Alsodidae) from Altos de Cantillana, central Chile. *Zootaxa* 3915: 540-550.
- Chavez G and Catenazzi A. 2016. A new species of frog of the genus *Pristimantis* from Tingo Maria National Park, Huanuco Department, central Peru (Anura, Craugastoridae). *ZooKeys* 610:113-130.
- Chavez G, Santa-Cruz R, Rodriguez D, Lehr E 2015 Two new species of frogs of the genus *Phrynops* (Anura: Terrana: Craugastoridae) from the Peruvian Andes. *Amphibian & Reptile Conservation*, 9: 15-25.
- Chen W, Bei Y, Liao X, Zhou S, and Mo Y. 2018. A new species of *Gracixalus* (Anura: Rhacophoridae) from West Guangxi, China. *Asian Herpetological Research* 9: 74-84.
- Chen, B. H. 1991. *The Amphibian and Reptilian Fauna of Anhui*. Publishing House of Science and Technology, Hefei, Anhui.
- Cherry MI, Francillon-Vieillot H. 1992. Body size, age and reproduction in the leopard toad, *Bufo pardalis*. *Journal of Zoology* 228: 41-50.
- Cherry, M. I. 1992. Sexual selection in the leopard toad, *Bufo pardalis*. *Behavior* 120:164-176.
- Chippindale, P.T., Price, A.H. and Hillis, D.M. 1993. A new species of perennibranchiate salamander (Eurycea: Plethodontidae) from Austin, Texas. *Herpetologica*: 248-59
- Cisneros-Heredia 2007 A new species of glassfrog of the genus *Centrolene* from the foothills of Cordillera Oriental of Ecuador. *Herpetozoa* 20 (1/2): 27-34.
- Cisneros-Heredia, D. F. and McDiarmid, R. W. (2006). "A new species of the genus *Centrolene* (Amphibia: Anura: Centrolenidae) from Ecuador with comments on the taxonomy and biogeography of glassfrogs." *Zootaxa*, 1244, 1-32.
- Cisneros-Heredia, D.F. & Morales-Mite, M.A. (2008) A new species of glassfrog from the elfin forests of the Cordillera del Condor, southeastern Ecuador (Anura: Centrolenidae). *Herpetozoa* 21 (1/2): 49-56.
- Clanton, W. 1934. An unusual situation in the salamander *Ambystoma jeffersonianum* (Green). *Occasional Papers of the Museum of Zoology*, Number 290, University of Michigan, Ann Arbor, Michigan.
- Clulow S, Anstis M, Keogh JS, Catullo RA 2016 A new species of Australian frog (Myobatrachidae: Uperoleia) from the New South Wales mid-north coast sandplains. *Zootaxa* 4184: 285-315.
- Cochran, D.M. and Goin, C.J., 1970. *Frogs of Colombia*. *Bulletin of the United States National Museum*.

- Cocroft, R. B., and Ryan, M. J. 1995. Patterns of advertisement call evolution in toads and chorus frogs. *Animal Behavior* 49:283-303.
- Cogger, H. G. (2000). *Reptiles and amphibians of Australia*. Ralph Curtis Books, Florida.
- Cogger, H., 2014. *Reptiles and amphibians of Australia*. 7th ed. Csiro publishing.
- Coloma, L. A. 1995. Ecuadorian frogs of the genus *Colostethus* (Anura: Dendrobatidae). University of Kansas, Museum of Natural History, Miscellaneous Publication 87:1-72.
- Coloma, L.A., Duellman, W.E., Almendariz, A.C., Ron, S.R., Teran-Valdez, A. & Guayasamin, J.M. (2010). Five new (extinct?) species of *Atelopus* (Anura: Bufonidae) from Andean Colombia, Ecuador, and Peru. *Magnolia Press, Auckland*.
- Condez, T.H., Clemente-Carvalho, R.B.G., Haddad, C.F.B. & Reis, S.F.D. (2014). A new species of *Brachycephalus* (Anura: Brachycephalidae) from the highlands of the Atlantic Forest, Southeastern Brazil. *Herpetologica*, 70: 89-99.
- Condez, T.H., Monteiro, J.P.C., Comitti, E.J., Garcia, P.C.A., Amaral, I.B. & Haddad, C.F.B. (2016). A new species of flea-toad (Anura: Brachycephalidae) from southern Atlantic Forest, Brazil. *Zootaxa*, 4083, 40-56.
- Conradie W, Verbugt L, Portik DM, Ohler A, Bwong BA, and Lawson LP. (2018). A new reed frog (Hyperoliidae: *Hyperolius*) from coastal northeastern Mozambique. *Zootaxa*, 4379, 177-198.
- Conradie, W., Bittencourt-Silva, G.B., Farooq, H.M., Loader, S.P., Menegon, M. & Tolley, K.A. (2018). New species of Mongrel frogs (Pyxicephalidae: *Nothophryne*) for northern Mozambique inselbergs. *African Journal of Herpetology*.
- Conte CE, Araujo-Viera K, Crivellari LB, Bberneck BVM 2016 A new species of *Scinax* Wagler (Anura: Hylidae) from Parana, southern Brazil. *Zootaxa* 4193: 245-265.
- Cook, C. L., Ferguson, J. W. H., and Telford, S. R. 2001. Adaptive male parental care in the giant bullfrog, *Pyxicephalus adspersus*. *Journal of Herpetology* 35:310-315.
- Cornuau, J.H., Rat, M., Schmeller, D.S. & Loyau, A. (2012). Multiple signals in the palmate newt: ornaments help when courting. *Behavioural Ecology and Sociobiology*, 66: 1045-1055.
- Correia LL, Nunes PMS, Gamble T, Maciel AO, Marques-Souza S, Fouquet A, Rodrigues MT, and Mott T. 2018. A new species of *Brasilotyphlus* (Gymnophiona: Siphonopidae) and a contribution to the knowledge of the relationship between *Microcaecilia* and *Brasilotyphlus*. *Zootaxa* 4527: 186-196.
- Cramer, A.F., Rabibisoa, N.H.C. & Raxworthy, C.J. (2008). Descriptions of two new *Spinomantis* frogs from Madagascar (Amphibia: Mantellidae), and new morphological data for *S. brunae* and *S. massorum*. *Zootaxa* 3618: 1-22.
- Crother, B.I. 1999. *Caribbean amphibians and reptiles*. Elsevier.
- Crump, M. L. 1974. Reproductive strategies in a tropical anuran community. University of Kansas Museum of Natural History, University of Kansas, Lawrence, Miscellaneous Publication 61:1-68.
- Crump, M. L., and Townsend D. S. 1990. Random mating by size in a neotropical treefrog, *Hyla pseudopuma*. *Herpetologica* 46:383-386.
- Cruz, C.A.G., Caramaschi, U. & Freire, E.M.X. (1999). Occurrence of the genus *Chiasmocleis* (Anura: Microhylidae) in the State of Alagoas, north-eastern Brazil, with description of a new species. *Journal of Zoology*, 249, 123-126.
- Cruz, C.A.G., Caramaschi, U. & Izecksohn, E. (1997). The genus *Chiasmocleis* Méhelý, 1904 (Anura, Microhylidae) in the Atlantic Rainforest of Brazil, with description of three new species. *Alytes*, 15, 49-71.
- Cruz, C.A.G., Caramaschi, U. & Napoli, M.F. (2007). A new species of *Chiasmocleis* (Anura, Microhylidae) from the Atlantic Rain Forest of northeastern Bahia, Brazil. *South American Journal of Herpetology*, 2, 47-52.
- Cruz, C.A.G., Feio, R.N. & Cassini, C.S. (2007). Nova espécie de *Chiasmocleis* Méhelý 1904 (Amphibia, Anura, Microhylidae) da Serra da Mantiqueira, estado de Minas Gerais, Brasil. *Arquivos Do Museu Nacional*, 65, 33-38.
- Cuevas, C.C. (2008). A new species of the genus *Alsodes* (Anura: Neobatrachia) from the Nothofagus forest, Coastal Range, Southern Chile, identified by its karyotype. *Zootaxa*, 1771: 43-53.
- Cummins, L. W. 1985. Gilled young born to *Typhlonectes natans* (Amphibia: Gymnophiona). *Georgia J. Sci.* 43:11.
- Cupp, P.V. (1980). Territoriality in the green salamander, *Aneides aeneus*. *Copeia*, 1980: 463-468.
- Cusi JC, Moravec J, Lehr E, Gvoždík V (2017) A new species of semiarboreal toad of the *Rhinella festae* group (Anura, Bufonidae) from the Cordillera Azul National Park, Peru. *ZooKeys* 673: 21-47.
- Dahanukar N, Modak N, Krutha K, Nameer PO, Padhye AD, Molur S 2016 Leaping Frogs (Anura: Ranixalidae) of the Western Ghats of India: an integrated taxonomic review. *Journal of Threatened Taxa* 8: 9221-9288.
- Davis JR, Grismer LL, Klabacka RL, Muin MA, Quah ESH, Anuar S, Wood Jr PL, Sites JW. (2016). The phylogenetic relationships of a new Stream Toad of the genus *Ansonia* Stoliczka, 1870 (Anura: Bufonidae) from a montane region in Peninsular Malaysia. *Zootaxa* 4103: 137-153.

- De Andrade FS, De Magalhaes FDM, Nunes-de-Almeida CH, Veiga-Menoncello ACP, Santana DJ, Garda AA, Loebmann D, Recco-Pimentel SM, Giaretta AA, Toledo LF 2016 A new species of long-legged *Pseudopaludicola* from northeastern Brazil (Anura, Leptodactylidae, Leiuperinae). *Salamandra* 52:107-124.
- De BakkerDM, Wilkinson M, Jensen B (2015) Extreme variation in the atrial septation of caecilians (Amphibia: Gymnophiona). *Journal of Anatomy*, 226 (1) : 1 - 12.
- De la Riva I, Cortez C, Burrowes PA. 2017. A new species of *Microkayla* (Anura: Craugastoridae: Holoadeninae) from Department La Paz, Bolivia. *Zootaxa* 4363: 350–360.
- De La Riva I. 1995. A new reproductive mode for the genus *Adenomera* (Amphibia: Anura: Leptodactylidae): taxonomic implications for certain Bolivian and Paraguayan populations. *Studies on Neotropical Fauna and Environment* 30:15-29.
- De La Riva I. 1996. The specific name of *Adenomera* (Anura: Leptodactylidae) in the Paraguay River Basin. *Journal of Herpetology* 30:556–558.
- 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., and J. Aparicio. 2016. Three new Bolivian species of *Psychrophrynella* (Anura: Craugastoridae), and comments on the amphibian fauna of the Cordillera de Apolobamba. *Salamandra* 52: 283-292.
- De la Riva, I., Chaparro, J.C., Castroviejo-Fisher, S. & Padial, J.M. (2018). Underestimated anuran radiations in the high Andes: five new species and a new genus of Holoadeninae, and their phylogenetic relationships (Anura: Craugastoridae). *Zoological Journal of the Linnean Society*, 182, 129-172.
- De la Riva, I., Kohler, J., Lotters, S. & Reichle, S. (2000) Ten years of research on Bolivian amphibians: updated checklist, taxonomic problems, literature and iconography. *Rev. Esp. Herp.* 14: 19-164.
- de Sa FP, Canedo C, Lyra ML, Haddad CFB 2015 A new species of *Hylodes* (Anura, Hylodidae) and its secretive underwater breeding behavior. *Herpetologica* 71: 58-71.
- Degenhardt, W. G., Painter, C. W., and Price, A. H. 1996. *Amphibians and Reptiles of New Mexico*. University of New Mexico Press, Albuquerque.
- Dehling J.M. (2015) A new species of *Rhacophorus* (Anura: Rhacophoridae) from Gunung Kinabalu, Borneo. *Salamandra* 51:1–11.
- Dehling JM, Dehling DM 2017 A new wide-headed fanged frog of the *Limnonectes kuhlii* group (Anura: Dicroglossidae) from western Borneo with a redescription of *Rana conspicillata* Guenther, 1872. *Zootaxa*, 4317: 291-309.
- Dehling JM, Matsui M, Imbun PY (2016). A new small montane species of *Philautus* (Amphibia: Anura: Rhacophoridae) from Gunung Kinabalu, Sabah, Malaysia (Borneo). *Salamandra* 52: 77-90.
- Delaugerre, M. and Cheylan, M. (1992). *Atlas de Répartition des Batraciens et Reptiles de Corse*. L'Oikéma, Pamplona.
- Deletre, M., Measey, G.J. (2004). Sexual selection and ecological causation in a sexually dimorphic caecilian, *Schistometopum thomense* (Amphibia Gymnophion Caeci-liidae). *Ethology, Ecology and Evolution*, 16: 243–253.
- Dever JA. 2017. A new cryptic species of the *Theloderma asperum* Complex (Anura: Rhacophoridae) from Myanmar. *Journal of Herpetology* 51: 425–436.
- Dever, J. A., H. Nguyen, and J. A. Wilkinson. 2015. Rediscovery and redescription of *Theloderma phrynoderma* (Ahl, 1927) (Anura: Rhacophoridae) from Myanmar. *Copeia* 103: 402–415.
- Dias IR, Haddad CFB, Argôlo AJS, Orrico VGD (2017) The 100th: An appealing new species of *Dendropsophus* (Amphibia: Anura: Hylidae) from northeastern Brazil. *PLoS ONE* 12(3): e0171678
- Diaz LM, Hedges SB 2015 Another new cryptic frog related to *Eleutherodactylus varleyi* Dunn (Amphibia: Anura: Eleutherodactylidae), from eastern Cuba. *Solenodon* 12: 124-135.
- Díaz LM, Incháustegui SJ, Marte C, Köhler G, Cádiz A, and Rodríguez M. 2018. A new frog of the *Eleutherodactylus abbotti* species group (Anura: Eleutherodactylidae) from Hispaniola, with bioacoustic and taxonomic comments on other species. *Novitates Caribaea* 12: 25–42.
- Díaz-Páez, H., Alveal, N., Cisternas-Medina, I., Ortiz, J.C. (2015). New distribution records of *Chaltenobatrachus grandisonae* (Anura: Batrachylidae) in Patagonia, Chile. *Check List*, 11(4), 1668.
- Diaz-Rodriguez J, Gehara M, Marquez R, Vences M, Goncalves H, Sequeira F, Martinez-Solano I, Tejedo M 2017 Integrative of molecular, bioacoustical and morphological data reveals two new cryptic species of *Pelodytes* (Anura, Pelodytidae) from the Iberian Peninsula. *Zootaxa* 4243:1-41.
- Diaz, L.M., Hedges, S.B. & Schmid, M. (2012). A new cryptic species of the genus *Eleutherodactylus* (Amphibia: Anura: Eleutherodactylidae) from Cuba. *Zootaxa*, 3220, 44-60.
- Diesel, R., Baurle, G., Vogel, P. 1995. Cave breeding and froglet transport: a novel pattern of anuran brood. Care in the Jamaican frog, *Eleutherodactylus cundalli*. *Copeia* 1995:354-360.
- Dinesh KP, Kulkarni NU, Swamy P, and Deepak P. (2018). A new species of *Fejervarya* Bokoy, 1915 from the lateritic plateaus of the Goa parts of the Western Ghats. *Records of the Zoological Survey of India*, 117, 301-314.

- Dinesh KP, Vijayakumar SP, Channakeshavamurthy BH, Toreskar VR, Kulkarni NU, Shankar K 2015 Systematic status of *Fejervarya* (Amphibia, Anura, Dicroglossidae) from South and SE Asia with the description of a new species from the Western Ghats of Peninsular India. *Zootaxa* 3999:79-94.
- Dinesh, K.P., Radhakrishnan, C., Gururaja, K.V. & Bhatta, G. (2009) A annotated checklist of Amphibia of India with some insights into the patterns of species discoveries, distribution and endemism. *Records of the Zoological Survey of India, Occasional Papers*, 302, 1-152.
- Disi, A.M., Modry, D., Necas, P. & Rifai, L. (2001). Amphibians and reptiles of the Hashemite Kingdom of Jordan. Edition Chimaira, Frankfurt and Main. 408 pp.
- Dixon, J.R., 2000. Amphibians and reptiles of Texas: with keys, taxonomic synopses, bibliography, and distribution maps(No. 25). Texas A&M University Press.
- Dodd, C.K. (2004). The amphibians of Great Smoky Mountains National Park. The University of Tennessee Press, Knoxville.
- Dodd,C.K. (2013). Frogs of the United States and Canada. Volume 1. The Johns Hopkins University Press, Baltimore. 460pp.
- Dodd,C.K. (2013). Frogs of the United States and Canada. Volume 2. The Johns Hopkins University Press, Baltimore. 522pp.
- Donnelly M, Wake M 2013 A New Microcaecilia (Amphibia: Gymnophiona) from Guyana with Comments on *Epicrionops niger*. *Copeia* 2013(2):223-231.
- Donoso-Barros, R. 1974. Nuevos reptiles y anfibios de Chile. *Boletin de la Sociedad de Biología de Concepción* 48: 217–229.
- Dring, J. C. M. 1979. Amphibians and reptiles from northern Trengganu, Malaysia, with descriptions of two new geckos, *Cnemaspis* and *Cyrtodactylus*. *Bulletin of the British Museum (Natural History)* 34:181-240.
- Drobenkov, S.M., 2005. Amphibians of Belarus (Advances in Amphibian Research in the Former Soviet Union; V. 10). Pensoft Publishers.
- Du Preez, L. & Carruthers, V. (2009). A complete guide to the frogs of Southern Africa. Struik Nature, Cape Town. 488p.
- Duellman WE, Venegas PJ . 2016 . Diversity of marsupial frogs (Anura: Hemiphractidae: Gastrotheca) in the northern Cordillera Central, Peru, with the descriptions of two new species. *Phyllomedusa* 15:103-117.
- Duellman, W. E. (1971). The hylid frogs of Middle America. Volume 1. Monographs of the Museum of Natural History, University of Kansas, 1: 1-753.
- Duellman, W. E. (1971). The hylid frogs of Middle America. Volume 2. Monographs of the Museum of Natural History, University of Kansas, 1: 1-753.
- Duellman, W. E. (1981). "Three New Species of Centrolenid Frogs from the Pacific Versant of Ecuador and Colombia." *University of Kansas Occasional Papers of the Museum of Natural History*, 88, 1-9.
- Duellman, W. E. (2004). Frogs of the genus *Colostethus* (Anura; Dendrobatidae) in the Andes of northern Peru. *Scientific Papers of the Natural History Museum, University of Kansas*, 35, 1-49.
- Duellman, W. E. 1956. The frogs of the hylid genus *Phrynohyas* Fitzinger, 1843. *Miscellaneous Publications, Museum of Zoology, University of Michigan* 96:1-47.
- Duellman, W. E. 1966. Aggressive behavior in dendrobatid frogs. *Herpetologica* 22:217-221.
- Duellman, W. E. 1972. A review of the neotropical frogs of the *Hyla bogotensis* group. *Occasional Papers of the Museum of Natural History, The University of Kansas, Lawrence, Kansas* 11:1-31.
- Duellman, W. E. 1976. The systematic status and relationships of the hylid frog *Nyctimantis rugiceps* Boulenger. *Occasional Papers of the Museum of Natural History, The University of Kansas, Lawrence, Kansas* 58:1-14.
- Duellman, W. E. 1982. A new species of small yellow *Hyla* from Peru (Anura: Hylidae). *Amphibia-Reptilia* 3:153-160.
- Duellman, W. E. 1989. New species of hylid frogs from the Andes of Columbia and Venezuela. *Occasional Papers of the Museum of Natural History, The University of Kansas, Lawrence, Kansas* 131:1-12.
- Duellman, W. E. 1996. Anuran amphibians from a seasonally dry forest in southeastern Peru and comparisons of the anurans among sites in the upper Amazon Basin. *Occasional Papers of the Museum of Natural History, The University of Kansas, Lawrence, Kansas* 180:1-34.
- Duellman, W. E. 1997. Amphibians of La Escalera Region, southeastern Venezuela: Taxonomy, Ecology and Biogeography. *Scientific Papers* 2:1-52.
- Duellman, W. E., and Campbell, J. A. 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 Crump, M. L. 1974b. Speciation in frog of the *Hyla parviceps* group in the upper Amazon Basin. *Occasional Papers of the Museum of Natural History, The University of Kansas, Lawrence, Kansas* 23:1-40.
- Duellman, W. E., and Hoogmoed, M. S. 1984. The taxonomy and phylogenetic relationships of the hylid frog genus *Stefania*. *The University of Kansas Muesum of Natural History* 75:1-39.

- Duellman, W. E., and Trueb, L. 1994. *Biology of Amphibians*. The Johns Hopkins University Press, Baltimore and London.
- Duellman, W. E., and Veloso, A. 1977. Phylogeny of *Pleurodema* (Anura: Leptodactylidae): a biogeographic model. *Occasional Papers of the Museum of Natural History, The University of Kansas, Lawrence, Kansas* 64:1-46.
- Duellman, W. E., and Wild, E. R. 1993. Anuran amphibians from the Cordillera de Huancabamba, northern Peru: Systematics, Ecology and biogeography. *Occasional Papers of the Museum of Natural History, The University of Kansas, Lawrence, Kansas* 157:1-53.
- Duellman, W.E. (2015). *Marsupial frogs. Gastrotheca & allied genera*. Johns Hopkins University Press, Maryland.
- Duellman, W.E. & Hedges, S.B. (2008). Two new minute species of *Phrynopus* (Lissamphibia: Anura) from the Cordillera Oriental in Peru. *Zootaxa*, 1675, 59-66.
- Duellman, W.E. & Lehr, E. (2009). Terrestrial-breeding frogs (Strabomantidae) in Peru. *NTV Science, Munster*. 382pp.
- Duellman, W.E. and Burrowes, P.A. (1989). New species of frogs, *Centrolenella*, from the Pacific versant of Ecuador and southern Colombia. *Occasional Papers of the Museum of Natural History of the University of Kansas* 132:1–14.
- Dufresnes C, Mazepa G, Rodrigues N, Brelsford A, Litvinchuk SN, Sermier R, Lavanchy G, Betto-Colliard C, Blaser O, Borzée A, Cavoto E, Fabre G, Ghali K, Grossen C, Horn A, Leuenberger J, Phillips BC, Saunders PA, Savary R, Maddalena T, Stöck M, Dubey S, Canestrelli D, Jeffries DL. (2018). Genomic evidence for cryptic speciation in tree frogs from the Apennine Peninsula, with description of *Hyla perrini* sp. nov. *Frontiers in Ecology and Evolution*, 6: 144.
- Duméril A (1864) *Catalogue méthodique de la collection des batraciens du Muséum d'Histoire Naturelle de Paris. Mémoires de la Société Impériale des Sciences Naturelles de Cherbourg* 1: 307–321.
- Dunn, E. R. 1941. Notes on *Dendrobates auratus*. *Copeia* 1941:88-92.
- Dunn, E.R. (1942) The American caecilians. *Bulletin of the Museum of Comparative Zoology*, 91, 437-450.
- Duong, T.V., Do, D.T., Ngo, C.D., Nguyen, T.Q. & Poyarkov, N.A. (2018). A new species of the genus *Leptolalax* (Anura: Megophryidae) from southern Vietnam. *Zoological Research*, 38, 1-16.
- Duran, G.A., Targino, M., Rada, M. & Grant, T. (2017). Phylogenetic relationships and morphology of the *Pristimantis leptolophus* species group (Amphibia: Anura: Brachycephaloidea), with the recognition of a new species group in *Pristimantis Jiménez de la Espada, 1870*. *Zootaxa*, 4243, 42-74.
- Dyson, M. L., Henzi, S. P., Halliday, T. R., and Barrett, L. 1998. Success breeds success in mating male reed frogs (*Hyperolius marmoratus*). *Proceedings of the Royal Society B: Biological Sciences* 265:1417-1421.
- Eastman, J. M. (2010). On the role of historical constraint in evolution: An emphasis in salamander evolution. Washington State University. PhD Dissertation
- 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.
- Eens, M., and Pinxten, R. 2000. Sex-role reversal in vertebrates: behavioral and endocrinological accounts. *Behavioral Processes* 51:135-147.
- Elmer KR, Cannatella DC 2008 Three new species of leaf litter frogs from the upper Amazon forests: cryptic diversity within *Pristimantis ockendeni* (Anura: Strabomantidae) in Ecuador. *Zootaxa* 1784:11-38.
- Emerson, S. B., and Voris, H. 1992. Competing explanations for sexual dimorphism in a voiceless Bornean frog. *Functional Ecology* 6:654-660.
- Ernst R, Schmitz A, Wagner P, Branquima MF, Hölting M. (2015). A window to Central African forest history: distribution of the *Xenopus fraseri* subgroup south of the Congo Basin, including a first country record of *Xenopus andrei* from Angola. *Salamandra*, 52: 147–55.
- Escoriza, D. & Hassine, J. B. (2019). *Amphibians of North Africa*. Academic Press, London. 337pp.
- Eto K, Matsui M, Hamidy A, Munir M, Iskandar D 2018 Two new species of the genus *Leptobrachella* (Amphibia: Anura: Megophryidae) from Kalimantan, Indonesia. *Current Herpetology* 37: 95-105.
- Eto K, Matsui M, Nishikawa K 2015 Description of a new species of the genus *Leptobrachella* (Amphibia, Anura, Megophryidae) from Borneo. *Current Herpetology* 34: 128-139.
- Evans BJ, Carter TF, Greenbaum E, Gvoždík V, Kelley DB, McLaughlin PJ, et al. (2015) Genetics, Morphology, Advertisement Calls, and Historical Records Distinguish Six New Polyploid Species of African Clawed Frog (*Xenopus, Pipidae*) from West and Central Africa. *PLoS ONE* 10(12): e0142823
- Faivovich, J., Llugli, L., Lourenço, A.C.C. & Haddad, C.F.B. (2009). A new species of the *Bokermannohyla martinsi* group from Central Bahia, Brazil with comments on *Bokermannohyla* (Anura: Hylidae).
- Fei L, Ye C-Y, Wang Y-F, Jiang K (2017). A new species of the genus *Amolops* (Anura: Ranidae) from high-altitude Sichuan, southwestern China, with a discussion on the taxonomic status of *Amolops kangtingensis*. *Zoological Research* 38: 138-145.
- Fei, L., Hu, S., Ye C., Huang, Y. et al., 2009. *Fauna Sinica, Amphibia. Vol 2 & 3, Anura*. Science Press, Beijing (in Chinese).

- Fei, L., Ye, C. Y., Huang, Y. S., Liu, M. Y., Wang, Y. S., and Li, J. 1999. Atlas of Amphibians of China. Henan Publishing House of Science and Technology, Zhengzhou.
- Fellers, G. M. 1979. Aggression, territoriality and mating behavior in North American treefrogs. *Animal Behavior* 27:107-119.
- Ferrao M, Fraga Rd, Moravec J, Kaefer IL, Lima AP. (2018) A new species of Amazonian snouted treefrog (Hylidae: Scinax) with description of a novel species-habitat association for an aquatic breeding frog. *PeerJ* 6:e4321.
- Ferrao M, Moravec J, Fraga Rde, Almeida APde, Kaefer IL, Lima AP (2017) A new species of Scinax from the Purus-Madeira interfluve, Brazilian Amazonia (Anura, Hylidae). *ZooKeys* 706:137-162.
- Ferrão M, Moravec J, Kaefer IL, de Fraga R, and Lima AP. 2018. New species of Scinax (Anura: Hylidae) with red-striped eyes from Brazilian Amazonia. *Journal of Herpetology* 52: 473-486.
- Ferreira, R. B., Faivovich, J., Beard, K.H. & Pombal, J.P. (2015). The first bromeligenous species of *Dendropsophus* (Anura: Hylidae) from Brazil's Atlantic Forest. *PLoS One*, 10: e0142893.
- Fibla, P., Saez, P.A., Salinas, H., Araya, C., Sallaberry, M. & Mendez, M.A. (2017). The taxonomic status of two *Telmatobius* frog species (Anura: Telmatobiidae) from the western Andean slopes of northernmost Chile. *Zootaxa*, 4250, 301-314.
- Flageole S, Leclaire RJr. 1992. Étude démographique d'une population de salamanders (*Ambystoma maculatum*) a l'aide de la méthode squelette-chronologique. *Canadian Journal of Zoology* 70: 740-749.
- Folly M, Hepp F, Carvalho-e-Silva SP. (2018). A new bromeligenous species of *Fritziana* Mello-Leitão, 1937 (Amphibia: Anura: Hemiphractidae) from high elevations in the Serra Dos Órgãos, Rio de Janeiro, Brazil. *Herpetologica*, 74, 58-72.
- Fontenot Jr, C. L., & Seigel, R. A. (2008). Sexual Dimorphism in the Three-toed Amphiuma, *Amphiuma tridactylum*: sexual selection or ecological causes. *Journal Information*, 2008(1).
- Forlani MC, Tonini JFR, Cruz CAG, Zaher H, de Sá RO. (2017) Molecular and morphological data reveal three new cryptic species of *Chiasmocleis* (Mehely 1904) (Anura, Microhylidae) endemic to the Atlantic Forest, Brazil. *PeerJ* 5:e3005
- Formas, J.R. (1981). The Identity of the Frog *Eupsophus vanzolinii* From Ramadillas, Nahuelbuta Range, Southern Chile. *Proceedings of the Biological Society of Washington* 93:920-927.
- Fouquet A, Orrico VGD, Ernst R, Blanc M, Martinez Q, Vacher J-P, Rodrigues MT, Ouboter P, Jairam R, Ron S. 2015 A new *Dendropsophus* Fitzinger, 1843 (Anura: Hylidae) of the parviceps group from the lowlands of the Guiana Shield. *Zootaxa* 4052: 39-64.
- Fouquet A, Vacher J-P, Courtois EA, Villette B, Reizine H, Gaucher P, Jairam R, Ouboter P, Kok PJR. 2018. On the brink of extinction: two new species of *Anomaloglossus* from French Guiana and amended definitions of *Anomaloglossus degranvillei* and *A. surinamensis* (Anura: Aromobatidae). *Zootaxa* 4379: 1-23.
- Fouquet, A., Martinez, Q., Zeidler, L., Courtois, E.A., Gaucher, P., Blanc, M., Lima, J.D., Souza, S.M., Rodrigues, M.T. & Kok, P.J.R. (2016). Cryptic diversity in the *Hypsiboas semilineatus* species group (Amphibia, Anura) with the description of a new species from the eastern Guiana Shield. *Zootaxa*, 4084, 79-104.
- Fouquet, A., Pineau, K., Rodrigues, M.T., Mailles, J., Schneider, J.B., Ernst, R., and Dewynter, M. (2013). Endemic or exotic: the phylogenetic position of the Martinique Volcano Frog *Allobates chalcopis* (Anura: Dendrobatidae) sheds light on its origin and challenges current conservation strategies. *Systematics and Biodiversity*, 11(1), 87-101.
- Fouquet, A., Souza, S.M., Nunes, P.M.S., Kok, P.J.R., Curcio, F.F., De Carvalho, C.M., Grant, T. & Rodrigues, M.T. (2015) Two new endangered species of *Anomaloglossus* (Anura: Aromobatidae) from Roraima State, northern Brazil. *Zootaxa*, 3926: 191-210.
- Freitas EFL, Spirandeli-Cruz EF, Jim J. 2001. Comportamento reprodutivo de *Leptodactylus fuscus* (Schneider, 1799) (Anura: Leptodactylidae). *Comunicac,ões Museu Cieência Tecnologia, PUCRS, Se´rie Zoologia*, 14:121–132.
- Frost, J. S., and Bagnara, J. T. 1977. Sympatry between *Rana blairi* and the southern form of leopard frog in southeastern Arizona (Anura:Ranidae). *Southwest Naturalist* 22:443-453.
- Gans, C. 1961. The first record of egg laying in the caecilian *Siphonops paulensis* Boettger. *Copeia* 1961:490-491.
- Garcia-Castillo MG, Rovito SM, Wake DB, Parra-Olea G (2017). A new terrestrial species of *Chiropterotriton* (Caudata: Plethodontidae) from central Mexico. *Zootaxa* 4363: 489-505.
- García-Castillo MG, Soto-Pozos ÁF, Aguilar-López JL, Pineda E, Parra-Olea G. 2018. Two new species of *Chiropterotriton* (Caudata: Plethodontidae) from central Veracruz, Mexico. *Amphibian & Reptile Conservation* 12: 37-54 (e167).
- Gardner, A.S. (2013). The amphibians and reptiles of Oman and the UAE. Edition Chimaira, Frankfurt. 480pp
- Garg S, Biju SD 2016 Molecular and morphological study of leaping frogs (Anura, Ranixalidae) with description of two new species. *PLoS One*, 11: e0166326.

- Garg S, Senevirathne G, Wijayathilaka N, Phuge S, Deuti K, Manamendra-Arachchi K, Meegaskumbura M, Biju SD. (2018). An integrative taxonomic review of the South Asian microhylid genus *Uperodon*. *Zootaxa*, 4384, 1-88.
- Garg, S. & Biju, S. D. (2017). Description of four new species of Burrowing Frogs in the *Fejervarya rufescens* complex (Dicroglossidae) with notes on morphological affinities of *Fejervarya* species in the Western Ghats. *Zootaxa*, 4277, 451-490.
- Garg, S., Suyesh, R., Sukesan, S. & Biju, S.D. (2017). Seven new species of night frogs (Anura, Nyctibatrachidae) from the Western Ghats Biodiversity Hotspots of India, with remarkably high diversity of diminutive forms. *PeerJ*, 5, e3007.
- Garton, J. S., and Brandon, R. A. 1975. Reproductive ecology of the green treefrog, *Hyla cinerea*, in southern Illinois. *Herpetologica* 31:150-161.
- Gaulke, M. (2011). The herpetofauna of Panay Island, Philippines. Edition Chimaira, Frankfurt.
- Geissler P, Poyarkov JR NA, Grismer L, Nguyen TQ, An HT, Neang T, Kupfer A, Ziegler T, Boehme W, Mueller H. (2015). New Ichthyophis species from Indochina (*Gymnophiona*, *Ichthyophiidae*): 1. The unstriped forms with descriptions of three new species and the redescriptions of *I. acuminatus* Taylor 1960, *I. youngorum* Taylor, 1960 and *I. laosensis* Taylor, 1969. *Organisms Diversity & Evolution*, 15, 143-174.
- Giaretta AA, Kokubum MNC. 2004. Reproductive ecology of *Leptodactylus furnarius* Sazima & Bokermann, 1978, a frog that lay eggs in underground chambers (Anura, Leptodactylidae). *Herpetozoa* 16:115–126.
- Giaretta AA, Menin M. 2004. Reproduction, phenology and mortality sources of a species of *Physalaemus* (Anura: Leptodactylidae). *Journal of Natural History* 38:1711–1722.
- Gibbs, J.P., Breisch, A.R. and Ducey, P.K., 2007. The amphibians and reptiles of New York State: identification, natural history, and conservation. Oxford University Press.
- Giri, V., Gower, D. J., Gaikwad, K., Wilkinson, M. (2011): A second species of *Gegeneophis* Peters (Amphibia: *Gymnophiona*: *Caeciliidae*) lacking secondary annular grooves. *Zootaxa* 2815: 49-58.
- Giri, V., Wilkinson, M. & Gower, D.J. (2003) A new species of *Gegeneophis* Peters (Amphibia: *Gymnophiona*: *Caeciliidae*) from the Western Ghats of southern Maharashtra, India, with a key to the species of the genus. *Zootaxa*, 351, 1-10.
- Given, M. F. 1988. Territoriality and aggressive interactions of male carpenter frogs, *Rana virgatipes*. *Copeia* 1988:411-421.
- Given, M. F. 2002. Interrelationships among calling effort, growth rate and chorus tenure in *Bufo fowleri*. *Copeia* 2002:979-987.
- Glaw F, Scherz MD, Prötzel D, and Vences M. 2018. Eye and webbing colouration as predictors of specific distinctness: a genetically isolated new treefrog species of the *Boophis albilabris* group from the Masoala peninsula, northeastern Madagascar. *Salamandra* 54: 163-177.
- Glaw F, Vallan D, Andreone F, Edmonds D, Dolch R, Vences M. 2015. Beautiful bright belly: a distinctive new microhylid frog (Amphibia: *Stumpffia*) from eastern Madagascar. *Zootaxa* 3925: 120-128.
- Glaw, F. & Vences, M. (2007). A field guide to the amphibians and reptiles of Madagascar. 3rd Edition. Vences & Glaw Verlags, Cologne.
- Glaw, F., Kohler, J., de la Riva, I., Vieites, D. R. & Vences, M. 2010. Integrative taxonomy of Malagasy treefrogs: combination of molecular genetics, bioacoustics and comparative morphology reveals twelve additional species of *Boophis*. *Zootaxa* 2383: 1-82.
- Glaw, F., Vences, M., and Gossmann, V. 2000. A new species of *Mantidactylus* (subgenus *Guibemantis*) from Madagascar, with a comparative survey of internal femoral gland structure in the genus (Amphibia: *Ranidae*: *Mantellinae*). *Journal of Natural History* 34:1135-1154.
- Godwin, G. J., and Roble, S. 1983. Mating success in male treefrogs, *Hyla chrysoscelis* (Anura: *Hylidae*). *Herpetologica* 39:141-146.
- Goin, C. J., and Netting, M. G. 1940. A new gopher frog from the Gulf Coast, with comments upon the *Rana areolata* group. *Annals of the Carnegie Museum* 28:137-169.
- Göldi, E. A. 1899. Ueber die Entwicklung von *Siphonops annulatus*. *Zool. Jb., Abt. Syst. Ökol. Geogr. d. Tiere* 12:170-173.
- Gonzalez-Duran, GA. (2016) A new small frog species of the genus *Pristimantis* (Anura: *Craugastoridae*) from the northern paramos of Colombia. *Zootaxa* 4066: 421-437.
- Gordon MR, Simandle ET, Tracy CR. (2017). A diamond in the rough desert shrublands of the Great Basin in the Western United States: A new cryptic toad species (Amphibia: *Bufo* (*Anaxyrus*)) discovered in Northern Nevada. *Zootaxa* 4290: 123–129.
- Gottsberger, B., and Gruber, E. 2004. Temporal partitioning of reproductive activity in a neotropical anuran community. *Journal of Tropical Ecology* 20:271-280.
- Gower DJ, Kouete MT, Doherty-Bone TM, Ndeme ES, Wilkinson M (2015) Rediscovery, natural history, and conservation status of *Idiocranium russeli* Parker, 1936 (Amphibia: *Gymnophiona*: *Indotyphlidae*). *Journal of Natural History*, 49: 233-253.

- 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* (Amphibia: Gymnophiona: Ichthyophiidae) along 1500 km of the Western Ghats, *Indian 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. & Wilkinson, M. (2005) Conservation biology of caecilian amphibians. *Conservation Biology*, 19, 45-55.
- Gower, D.J., Bhatta, G., Giri, V., Oommen, O.V., Ravichandran, M.S. & Wilkinson, M. (2004) Biodiversity in the Western Ghats: the discovery of new species of caecilian amphibians. *Current Science*, 87, 739-740.
- Gower, D.J., Giri, V. & Wilkinson, M. (2007) Rediscovery of *Gegeneophis seshachari* Ravichandran, Gower & Wilkinson (Amphibia: Gymnophiona: Caeciliidae) at the type locality. *Herpetozoa*, 19, 121-127.
- Gower, D.J., Giri, V., Dharne, M.S. & Shouche, Y. (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.
- Graham SP, Kline R, Steen DA, and Kelehear C. 2018. Description of an extant salamander from Gulf Coastal Plain of North America: the reticulated siren, *Siren reticulata*. *PLoS ONE* 13: e0207460.
- Gramapurohit, N. P., Shanbhag, B. A., and Saidapur, S. K. 2005. Post-metamorphic growth, sexual maturation and body size dimorphism in the skipper frog, *Euphlyctis cyanophlyctis* (Schneider). *Herpetological Journal* 15:113-119.
- Grant T, Acosta A, Rada M 2007 A name for the species of *Allobates* (Anura: Dendrobatoidea: Aromobatidae) from the Magdalena Valley of Colombia. *Copeia* 2007:844-854.
- Grant T, Rada M, Anganoy-Criollo M, Batista A, Dias PH, Jeckel AM, Machado DJ, Rueda-Almonacid JV 2017 Phylogenetic systematics of dart-poison frogs and their relatives revisited (Anura: Dendrobatoidea). *South American Journal of Herpetology* 12 (special issue 1): S1-S90.
- Grant, T. & Myers, C. W. (2013). Review of the frog genus *Silverstoneia*, with descriptions of five new species from the Colombian Chocó (Dendrobatidae: Colostethinae). *American Museum Novitates*, 3784: 1-58.
- Grant, T. & Rodríguez, L. O. (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., Bolivar-G., W., and Castro, F. 1998. The advertisement call of *Centrolene geckoideum*. *Journal of Herpetology* 32:452-455.
- Grant, T., Humphrey, E. C. & Myers, C. W. (1997). The median lingual process of frogs: a bizarre character of Old World ranoids discovered in South American dendrobatids. *American Museum Novitates*, 3212: 1-40.
- Gray AR. 2018. Review of the genus *Cruziohyla* (Anura: Phyllomedusidae), with description of a new species. *Zootaxa* 4450: 401–426.
- Greef. C. R. 1884. Über *Siphonops thomensis* Barboza du Bocage. *Beiträge zur Kenntniss der Coecilien*. Sitz. Ges. Beförd. Gesam. Natur. Marburg 1:15-32.
- Grismer LL, Wood Jr PL, Aowphol A, Cota M, Grismer MS, Murdoch ML, Aguilar C, Grismer JL. (2016). Out of Borneo, again and again: biogeography of the stream toad genus *Ansonia* Stoliczka (Anura: Bufonidae) and the discovery of the first limestone cave-dwelling species. *Biological Journal of the Linnean Society*, 120: 371-395.
- Grismer LL, Wood, Jr PL, Quah ESH, Thura MK, Espinoza RE, Grismer MS, Murdoch ML, Lin A. 2018. A new species of Crocodile Newt *Tylototriton* (Caudata: Salamandridae) from Shan State, Myanmar (Burma). *Zootaxa* 4500: 553–573.
- Grosjean S, Bordoloi S, Chuaynkern Y, Chakravarty P, Ohler A 2015 When young are more conspicuous than adults: a new ranid species (Anura: Ranidae) revealed by its tadpole. *Zootaxa* 4058: 471-498.
- Grünwald, C. I., Reyes-Velasco, J., Franz-Chávez, H., Morales-Flores, K.I., Ahumada-Carrillo, I.T., Jones, J.M. & Boissinot, S. (2018). Six new species of *Eleutherodactylus* (Anura: Eleutherodactylidae: subgenus *Syrrhophus*) from Mexico, with a discussion of their systematic relationships and the validity of related species. *Mesoamerican Herpetology*, 5, 7-83.
- Guayasamin et al. (2009). Phylogenetic systematics of Glassfrogs (Amphibia: Centrolenidae) and their sister taxon *Allophryne ruthveni*. *Zootaxa*, 2100: 1-97.
- Guayasamin JM, Arteaga A, and Hutter CR. 2018. A new (singleton) rainfrog of the *Pristimantis myersi* Group (Amphibia: Craugastoridae) from the northern Andes of Ecuador. *Zootaxa* 4527: 323-334.
- Guayasamin, Hutter, Tapia, Culebras, Penafiel, Pyron, Morochz, Funk & Arteaga, in: Guayasamin JM, Hutter CR, Tapia EE, Culebras J, Penafiel N, Pyron RA, Morochz C, Funk WC, Arteaga A . 2017 .

- Diversification of the rainfrog *Pristimantis ornatissimus* in the lowlands and Andean foothills of Ecuador. *PLoS One*, 12: e0172615.
- Guayasamin, J.M., D.F. Cisneros-Heredia, R.J. Maynard, R.L. Lynch, J. Culebras, and P.S. Hamilton. 2017. A marvelous new glassfrog (Centrolenidae, Hyalinobatrachium) from Amazonian Ecuador. *ZooKeys* 673: 1–20.
- Guayasamin, J.M., Krynak, T., Krynak, K., Culebras, J. & Hutter, C.R. (2015). Phenotypic plasticity raises questions for taxonomically important traits: a remarkable new Andean rainfrog (*Pristimantis*) with the ability to change skin texture. *Zoological Journal of the Linnean Society*, 173, 913-928.
- Guayasamin, J.M., Rivera-Correa, M., Arteaga, A., Culebras, J., Bustamante, L., Pyron, R.A., Peñafiel, N., Morochz, N. & Hutter, C.R. 2015. Molecular phylogeny of stream treefrogs (Hylidae: Hyloscirtus bogotensis Group), with a new species from the Andes of Ecuador, Neotropical Biodiversity, 1: 2-21.
- Gudynas, E., Williams, J., Azpelicueta, M. (1988). Morphology, ecology and biogeography of the South American caecilian *Chthonerpeton indistinctum* (Amphibia: Gymnophiona: Typhlonectidae). *Zool. Meded.* 62: 5–28.
- Guenther R 2013 From a dwarf to a giant: Revalidation of *Callulops valvifer* (Barbour, 1910), (Amphibia, Anura, Microhylidae). *Zootaxa* 3641: 271-181.
- Guenther R 2015 Description of two new taxa of the ceratobatrachid genus *Platymantis* from western New Guinea (Amphibia, Anura). *Vertebrate Zoology Senckenberg* 65: 101-116.
- Guenther R, Richards S (2017) Three new species of the microhylid frog genus *Choerophryne* (Amphibia, Anura, Microhylidae) from Papua New Guinea. *Zoosystematics and Evolution* 93(2): 265-279.
- Guenther R, Richards S, Tjaturadi B, Krey K (2015) Two new species of the genus *Cophixalus* from the Raja Ampat Islands west of New Guinea (Amphibia, Anura, Microhylidae). *Zoosystematics and Evolution* 91(2): 199-213.
- Guenther R, Richards SJ, Dahl C. 2014. Nine new species of microhylid frogs from the Muller Range in western Papua New Guinea (Anura, Microhylidae). *Vertebrate Zool Senckenberg* 64: 59-94.
- Guenther R. 2015. Two new *Oreophryne* species from the Fakfak Mountains, West Papua Province of Indonesia (Anura, Microhylidae). *Vertebrate Zoology* 65: 357-370.
- Guenther, R. & Richards, S.J. (2016). Description of two new species of the microhylid frog genus *Oreophryne* (Amphibia: Anura: Microhylidae) from southern Papua New Guinea. *Vertebrate Zoology, Senckenberg*, 66, 157-168.
- Guenther, R. 2009. A new and minute species of *Austrochaperina* (Amphibia: Anura: Microhylidae) from western New Guinea. *Vertebrate Zoology* 59: 81-89.
- Guenther, R., Richards, S. & Tjaturadi, B. (2018). Two new frog species from the Foja Mountains in northwestern New Guinea (Amphibia, Anura, Microhylidae). *Vertebrate Zoology*, 68: 109-122.
- Guenther, R., Richards, S. & Tjaturadi, B. 2016. A new species of the frog genus *Pseudocallulops* from the Foja Mountains in northwestern New Guinea (Amphibia, Microhylidae). *Russian Journal of Herpetology* 23: 63-69.
- Guimaraes, C.S., Luz, S., Rocha, P.C. & Feio, R.N. (2017). The dark side of pumpkin toadlet: a new species of *Brachycephalus* (Anura: Brachycephalidae) from Serra do Brigadeiro, southeastern Brazil. *Zootaxa*, 4258, 327-344.
- Günther R, Richards S (2016) Description of a striking new *Mantophryne* species (Amphibia, Anura, Microhylidae) from Woodlark Island, Papua New Guinea. *Zoosystematics and Evolution* 92(1): 111-118.
- Gururaja KV, Dinesh KP, Priti H, Ravikanth G. (2014). Mud- packing frog: a novel breeding behaviour and parental care in a stream dwelling new species of *Nyctibatrachus* (Amphibia, Anura, *Nyctibatrachus*). *Zootaxa*, 3796, 33-61.
- Haddad, C. F. B., Faivovich, J., and Garcia, P. C. A. 2005. The specialized reproductive mode of the treefrog *Aplastodiscus perviridis* (Anura: Hylidae). *Amphibia-Reptilia* 26:87-92.
- Haddad, C.F.B., Alves, A.C.R., Clemente-Carvalho, R.B.G. & Reis, S.F.D. (2010). A new species of *Brachycephalus* from the Atlantic Rain Forest in São Paulo state, Southeastern Brazil (Amphibia: Anura: Brachycephalidae). *Copeia*, 2010: 410-420.
- Haddad, C.F.B., Toledo, L. F., Prado, C.P.A., Loebmann, D., Gasparini, J.L. & Sazima, I. (2013). *Guia dos anfíbios da Mata Atlântica: diversidade e biologia*. Anolis Books, Sao Paulo. 543pp.
- Haga IA, Andrade FS, Bruschi DP, Recco-Pimental, Giaretta AA 2017 Unrevealing the leaf frogs Cerrado diversity: A new species of *Pithecopus* (Anura, Arboranae, Phyllomedusidae) from the Mato Grosso state, Brazil. *PLoS One*, 12:e0184631.
- Hamidy A, Kurniati 2015 A new species of tree frog genus *Rhacophorus* from Sumatra, Indonesia (Amphibia, Anura). *Zootaxa* 3947: 49-66.
- Hamidy A, Munir M, Mumpuni, Rahmania M, and Kholik AA. 2018. Detection of cryptic taxa in the genus *Leptophryne* (Fitzinger, 1843) (Amphibia; Bufonidae) and the description of a new species from Java, Indonesia. *Zootaxa* 4450: 427–444.
- Harding, K.A., 1983. *Catalogue of the New World Amphibians*.

- Harper, E. B., G. J. Measey, D. A. Patrick, M. Menegon, and J. R. Vonesh. 2010. Field guide to the amphibians of the Eastern Arc Mountains and coastal forests of Tanzania and Kenya. UIC Printing Press, Singapore.
- Hartigan A, Wilkinson M, Gower DJ, Streicher JW, Holzer AS, Okamura B (2016) Myxozoan infections of caecilians demonstrate broad host specificity and indicate a link with human activity. *International Journal for Parasitology*, 46 (5-6) : 375 - 381.
- Hartmann, M. T., Giasson, L. O. M., Hartmann, P. A., and Haddad, C. F. B. 2005. Visual communication in Brazilian species of anurans from the Atlantic forest. *Journal of Natural History* 39:1675–1685.
- Hartmann, M. T., Hartmann, P. A., and Haddad, C. F. B. 2004. Visual signaling and reproductive biology in a nocturnal treefrog, genus *Hyla* (Anura: Hylidae). *Amphibia-Reptilia* 25:395-406.
- Heinicke, M.P., Duellman, W.E., Trueb, L., Means, D.B., MacCulloch, R.D. & Hedges, S.B. (2009). A new frog family (Anura: Terrarana) from South America and an expanded direct-developing clade revealed by molecular phylogeny. *Zootaxa*, 2211, 1-35.
- Heinroth, O. 1915. Geburt von *Typhlonectes natans* (Blindwühle) im Aquarium. *Blätt. f. Aquarien- und Terrarienk.* 26:34.
- Henkel, F.W. & Schmidt, W. (2000). Amphibians and reptiles of Madagascar and the Mascarene, Seychelles, and Comoro Islands. Krieger Publishing Company, Florida.
- Hepp F, de Carvalho-e-Silva SP, de Carvalho-e-Silva AMPT, Folly M 2015 A fifth species of the genus *Euparkerella* (Griffiths, 1959), the advertisement calls of *E. robusta* Izecksohn, 1988 and *E. tridactyla* Izeckshohn, 1988, and a key for the *Euparkerella* species (Anura: Brachycephaloidea: Craugastoridae). *Zootaxa* 3973: 251-270.
- Hermans, K., Pinxten, R., and Eens, M. 2002. Territorial and vocal behavior in a captive dart-poison frog, *Epipedobates tricolor* Boulenger, 1899 (Anura: Dendrobatidae). *Belgian Journal of Zoology* 132:105-109.
- Hernandez, A. (2016). Crocodile newts. The genera *Echinotriton* and *Tylototriton*. Edition Chimaira, Frankfurt.
- Hettyey, A., Torok, J., and Hevizi, G. 2005. Male mate choice lacking in the agile frog, *Rana dalmatina*. *Copeia* 2:403-408
- Heyer WR, Silverstone PA. 1969. The larva of *Leptodactylus hylaedactylus* (Amphibia, Leptodactylidae). *Fieldiana Zoology* 51:141–145.
- Heyer, W. R. 1973. Systematics of the *Marmoratus* group of the frog genus *Leptodactylus* (Amphibia, Leptodactylidae). *Natural History Museum* 25:1-50.
- Heyer, W. R. 1978. Systematics of the *fuscus* group of the frog genus *Leptodactylus* (Amphibia, Leptodactylidae). *National History Museum of Los Angeles County* 29:1-85.
- Heyer, W. R. 1994. Variation within the *Leptodactylus podicipinus-wagneri* complex of frogs (Amphibia: Leptodactylidae). *Smithsonian Contributions to Zoology* 546.
- Heyer, W. R., de Sa, R. O., and Muller, S. (2002). *Leptodactylus silvanimbus*. *Catalogue of American Amphibians and Reptiles*. Society for the Study of Amphibians and Reptiles, 743: 1-743.
- Heying, H. 2004. Reproductive limitation by oviposition site in a treehole breeding Madagascan poison frog (*Mantella laevigata*). *Miscellaneous Publications Museum of Zoology University of Michigan* 193:23-30.
- Heying, H. E. 2001. Social and reproductive behaviour in the Madagascan poison frog, *Mantella laevigata*, with comparisons to the dendrobatids. *Animal Behaviour* 61:567–577.
- Hill RL, Martin KG, Stanley E, and Mendelson JR III. 2018. A taxonomic review of the genus *Hemiphractus* (Anura: Hemiphractidae) in Panama: description of two new species, resurrection of *Hemiphractus panamensis* (Stejneger, 1917), and discussion of *Hemiphractus fasciatus* Peters, 1862. *Zootaxa* 4429: 495–512.
- Hirschfeld, M., Blackburn, D.C., Burger, M., Greenbaum, E., Zassi-Boulou, A.G. & Rödel, M.O. (2015). Two new species of long-fingered frogs of the genus *Cardioglossa* (Anura: Arthroleptidae) from Central African rainforests. *African Journal of Herpetology*, 64, 81-102.
- Hodl W. 1990. Reproductive diversity in Amazonian lowland frogs. In: Hanke W, editor. *Biology and physiology of the amphibians*. Stuttgart: G. Fisher Verlag. p 41–60.
- Hollowell, T., and R. P. Reynolds. 2005. Checklist of the terrestrial vertebrates of the Guiana Shield. *Bull. Biol. Soc. Washington* 13:1-98.
- Hoogmoed, M. S. (1994). Three new species of the genus *Adelophryne* from Northeastern Brazil. *Zool. Med. Leide*, 68: 271.
- Hoser, R. T. 1989. *Australian Reptiles and Frogs*. Pierson, Sydney.
- Howard, R. D. 1988. Sexual selection on male body size and mating behaviour in American toads, *Bufo americanus*. *Animal Behaviour* 36: 1796-1808.
- Howlader MSA, Nair A, Merila J (2016) A new species of frog (Anura: Dicroglossidae) discovered from the mega city of Dhaka. *PLoS One*, 11:e0149597.
- Howlader, M. S. A., A, Nair, S. V. Gopalan, and J. Merilä. (2015). A new species of *Microhyla* (Anura: Microhylidae) from Nilphamari, Bangladesh. *PLoS One* 10: e0119825.

- Howlader, M. S. A., A. Nair, S. V. Gopalan, and J. Merilä. 2015. A New Species of *Euphlyctis* (Anura: Dicroglossidae) from Barisal, Bangladesh. *Plos One*, 10: e0116666.
- Hu, S. Q., Fei, L., Hu Q. X., Huang, Q. Y., Huang, Y. Z., Jiang, Y. M., Tian, W. S., Ye, C. Y., and Zhao, E. M. 1987. *The Series of the Scientific Expedition to the Qinghai-Xizang Plateau*. Science Press, Beijing.
- Huang, M. H., Jin, Y. L., and Cai, C. M. 1990. *Fauna of Zhejiang: Amphibia, Reptilia*. Zhejiang Science and Technology Publishing House, Hangzhou.
- Hulse, A. C., McCoy, D. J., and Densky, E. J. 2001. *Amphibians and Reptiles of Pennsylvania and the Northeast*. Comstock Publishing Associates, Cornell University Press, Ithaca.
- Hutter CR, Guayasamin JM 2015 Cryptic diversity concealed in the Andean cloud forests: two new species of rainfrogs (*Pristimantis*) uncovered by molecular and bioacoustic data. *Neotropical Biodiversity* 1:36-59.
- Hutter CR, Lambert SM, Cobb KA, Andriampenanana ZF, Vences M 2015 A new species of bright-eyed treefrog (*Mantellidae*) from Madagascar, with comments on call evolution and patterns of syntopy in the *Boophis ankaratra* complex. *Zootaxa* 4034:531-555.
- Hutter, C. R., and J. M. Guayasamin. 2012. A new cryptic species of glassfrog (*Centrolenidae*: *Nymphargus*) from Reserva Las Gralarias Ecuador. *Zootaxa* 3257: 1–21.
- Iannella A, Oliver P, Richards S 2015 Two new species of *Choerophryne* (Anura, Microhylidae) from the northern versant of Papua New Guinea's central cordillera. *Zootaxa* 4058: 332-340.
- Igner, R.F. & Stuebing, R.B. (2009). New species and new records of Bornean frogs (Amphibia: Anura). *The Raffles Bulletin of Zoology*, 57: 527-535.
- Inchaustegui SJ, Diaz LM, Marte C 2015 Dos especies nuevas de ranas del genero *Eleutherodactylus* (Amphibia: Anura: Eleutherodactylidae) de La Hispaniola. *Solenodon* 12:136-149.
- Inger, R. F. (1947). Preliminary survey of the amphibians of the Riukiu Islands. *Fieldiana Zoology*, 32: 295-352.
- Inger, R. F. 1954. Systematics and Zoogeography of Philippine Amphibia. *Fieldiana: Zoology* 33:181-531.
- Inger, R. F. 1966. The systematics and zoogeography of the Amphibia of Borneo. *Fieldiana: Zoology* 52:1-402.
- Inger, R. F. and R. B. Stuebing. 2005. *A field guide to the frogs of Borneo*. Natural History Publications (Borneo), Kota Kinabalu.
- Inger, R. F., and Bacon, J. P. Jr. 1968. Annual reproduction and clutch size in rain forest frogs from Sarawak. *Copeia* 968:602-606.
- Inger, R. F., and Kottelat, M. 1998. A new species of ranid frog from Laos. *The Raffles Bulletin of Zoology* 46:29-34.
- Inger, R. F., N. L. Orlov, and I. S. Darevsky. 1999. Frogs of Vietnam: A report on new collections. *Fieldiana. Zoology. New Series* 92: 1–46.
- Iskandar, D. T. (1998). *The amphibians of Java and Bali*. Research and Development Centre for Biology, Indonesia.
- Iskandar, D.T., Bickford, D.P. & Arifin, U. (2011). A new *Ingerana* (Anura, Dicroglossidae) with no external tympanum from Borneo, Indonesia. *Raffles Bull Zool*, 59:213-218.
- Iturra-Cid, M., J. C. Ortiz, and N. R. Ibarra-Guerrero. 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.
- Jadhav, B. V., R. N. Raut, and N. Dahanukar. 2007. First report of prespawning and spawning behavior in *Ichthyophis cf. malabarensis* (Amphibia: Gymnophiona). *Zoo's Print J.* 22:2804.
- 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.
- Jamieson, B.G. ed., 2006. *Reproductive Biology and Phylogeny of Gymnophiona: Caecilians*. CRC Press.
- Janani SJ, Vasudevan K, Prendini E, Dutta SK, Aggarwal RK. (2017). A new species of the genus *Nasikabatrachus* (Anura, Nasikabatrachidae) from the eastern slopes of the Western Ghats, India. *Alytes* 34: 1-19.

- Jansen, M., L. G. Álvarez, and G. Köhler. 2007. New Species of *Hydrotaetare* (Anura, Leptodactylidae) from Bolivia with Some Notes on Its Natural History. *Journal of Herpetology* 41:724–732.
- Jensen, J.B., Camp, C.D., Gibbons, W. & Elliott, M.J. (2008). *Amphibians and reptiles of Georgia*. The University of Georgia Press, Athens. 575pp.
- 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.
- Jiang, K., Wang, K., Yan, J., Xie, J., Zou, D.H., Liu, W.L., Jiang, J.P., Li, C. & Che, J. 2016. A new species of the genus *Amolops* (Amphibia: Ranidae) from southeastern Tibet, China. *Zoological Research*, 37: 31-40.
- Jiang, K., Yan, F., Wang, K., Zou, D.H., Li, C. & Che, J. (2016). A new genus and species of treefrog from Medog, southeastern Tibet, China (Anura, Rhacophoridae). *Zoological Research*, 2016, 15-20.
- Jiang, Wang, Li and Che, in Jiang K, Wang K, Zou D-H, Yan F, Li P-P, Che J (2016). A new species of the genus *Scutigera* (Anura: Megophryidae) from Medog of southeastern Tibet, China. *Zoological Research* 37:21-30.
- 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 (*Bombina 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.
- Jockusch, E. L., Í. Martínez-Solano, R. W. Hansen, and D. B. Wake. 2012. Morphological and molecular diversification of slender salamanders (Caudata: Plethodontidae: Batrachoseps) in the southern Sierra Nevada of California with descriptions of two new species. *Zootaxa* 3190: 1–30.
- 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 *Euphyctis* (Anura, Ranidae) from southwestern India, revealed by molecular and morphological comparisons. *Alytes* 26:97-116.
- Jowers, M. J., and Downie, J. R. 2005. Tadpole deposition behavior in male stream frogs *Mannophryne trinitatis* (Anura: Dendrobatidae). *Journal of Natural History* 39:3013-3027.
- 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.
- Junca FA, Napoli MF, Nunes I, Mercês EA, Abreu RO 2015 A new species of the *Scinax ruber* clade (Anura, Hylidae) from the Espinhaco Range, northeastern Brazil. *Herpetologica* 71: 299-309.
- 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.
- Junca, F. A., and Rodrigues, M. T. 2006. The reproductive success of *Colostethus stepheni* (Anura: Dendrobatidae). *Studies on Neotropical Fauna and Environment* 41:9-17.
- 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, Verdade VL, Faivovich J, Rodrigues MT (2016). A new species of spiny-backed treefrog (*Osteocephalus*) from Central Amazonian Brazil (Amphibia: Anura: Hylidae). *Zootaxa* 4114: 171-181.

- Jungfer, K.-H. 1985. Beitrag zur Kenntnis von *Dendrobates speciosus* O. Schmidt, 1857 (Salientia: Dendrobatidae). *Salamandra* 21:263-280.
- Jungfer, K.-H., and Weygoldt, P. 1999. Biparental care in the tadpole-feeding Amazonian treefrog *Osteocephalus oophagus*. *Amphibia-Reptilia* 20:235-249.
- 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.
- Kahn, T.R., La Marca, E., Lotters, S., Brown, J.L., Twomey, E. & Amezcuita, A. (2016). Aposematic poison frogs (Dendrobatidae) of the Andean countries: Bolivia, Colombia, Ecuador, Peru and Venezuela. Conservation International, Tropical Field Guide Series, Virginia. 588 pp.
- Kaiser, H., Barrio-Amoros, C.L., Rivas, G.A., Steinlein, C. & Schmid, M. (2015). Five new species of *Pristimantis* (Anura: Strabomantidae) from the coastal cloud forest of the Peninsula de Paria, Venezuela. *Journal of Threatened Taxa*, 7, 7047-7088.
- 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.
- Kamei RG, Gower DJ, Wilkinson M, Biju SD 2013 Systematics of the caecilian family Chikilidae (Amphibia: Gymnophiona) with the description of three new species of Chikila from northeast India. *Zootaxa* 3666: 401-435.
- Kamei RG, Wilkinson M, Gower DJ, Biju SD (2009) Three new species of striped Ichthyophis (Amphibia: Gymnophiona: Ichthyophiidae) from the northeast Indian states of Manipur and Nagaland. *Zootaxa* 2267: 26-42.
- Kamei, R. G., D. San Mauro, D. J. Gower, I. van Bocxlaer, E. Sherratt, A. Thomas, S. Babu, F. Bossuyt, M. Wilkinson, and S. D. Biju. 2012. Discovery of a new family of amphibians from Northeast India with ancient links to Africa. *Proc. Roy. Soc.* 279:2396-2401.
- 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.
- Katsikaros, K., and Shine, R. 1997. Sexual dimorphism in the tusked frog, *Adelotus brevis* (Anura: Myobatrachidae): the roles of natural and sexual selection. *Biological Journal of the Linnean Society* 60:39-51.
- 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.
- Keith, R. 1968. A new species of *Bufo* from Africa with comments on the toads of the *Bufo regularis* complex. *American Museum Novitates* 2345:1-22.
- 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, Pakistan.
- Khatiwada JR, Wang B, Ghimire S, Vasudevan K, Paudel S, Jiang J 2015 A new species of the genus *Tylotriton* (Amphibia: Urodela: Salamandridae) from eastern Himalaya. *Asian Herpetological Research* 6: 245-256.
- Khatiwada, J. R. 2012. Amphibian species richness and composition along an elevational gradient in Chitwan, Nepal.
- Khatiwada, J.R., Shu, G.C., Wang, S.H., Thapa, A., Wang, B. & Jiang, J. (2017). A new species of the genus *Microhyla* (Anura: Microhylidae) from Eastern Nepal. *Zootaxa*, 4254, 221-239.
- 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.
- Kiew, B. H. 1984. A new species of sticky frog (*Kalophrynus palmatissimus* n. sp.) from Peninsular Malaysia. *Malayan Nature Journal*, 37: 145-152.
- 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
- Kluge, A. G. 1981. The life history, social organization, and parental behavior of *Hyla rosenbergi* Boulenger, a nest-building gladiator frog. *Misc. Publ. Mus. Zool. Univ. Mich* 160:1-703.
- 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.
- Knowles, R., Mahony, M., Armstrong, J., and Donnellan, S. 2004. Systematics of sphagnum frogs of the genus *Philoria* (Anura: Myobatrachidae) in Eastern Australia, with the description of two new species. *Records of the Australian Museum* 56:57-74.
- 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.
- Koch, A. (2012). Discovery, diversity, and distribution of the amphibians and reptiles of Sulawesi and its offshore islands. Edition Chimaira, Frankfurt and Main. 374pp
- Koehler J, Glaw F, Pabijan M, Vences M 2015 Integrative taxonomic revision of mantellid frogs of the genus *Aglyptodactylu* (Anura: Mantellidae). *Zootaxa* 4006: 401-438.
- Koehler, J., F. Glaw, and M. Vences. 2008. Two additional treefrogs of the *Boophis ulfunni* species group (Anura: Mantellidae) discovered in rainforests of northern and south-eastern Madagascar. *Zootaxa* 1814:37-48.
- Kohler, G. 2011. *Amphibians of Central America*. Herpeton Verlag, Germany. 378p.

- 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 PJR, Hoelting M, Ernst R. 2013 A third microendemic to the Iwokrama Mountains of central Guyana: a new "cryptic" species of *Allobates* Zimmerman and Zimmerman, 1988 (Anura: Aromobatidae). *Org Divers Evol* 13:621-638.
- Kok PJR, Ratz S, Tegelaar M, Aubret F, Means DB. 2015 Out of taxonomic limbo: a name for the species of *Tepuihyla* (Anura: Hylidae) from the Chimanta Massif, Pantepui region, northern South America. *Salamandra* 51: 283-314.
- 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.
- Kok, P.J.R., Nicolai, M.P.J., Lathrop, A. & MacCulloch, R.D. (2018). *Anomaloglossus meansi* sp. n., a new Pantepui species of the *Anomaloglossus beebei* group (Anura, Aromobatidae). *ZooKeys* 759: 99-116.
- Kok, P.J.R., Sambhu, H., Roopsind, I., Lenglet, G.L., Bourne, G.R. 2006. A new species of *Colostethus* (Anura: Dendrobatidae) with maternal care from Kaieteur National Park, Guyana. *Zootaxa* 1238: 35-61.
- 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, Gower DJ, Oommen OV, Wilkinson M 2012 A third species of *Gegeneophis* Peters (Amphibia: Gymnophiona; Indotyphlidae) lacking secondary annular grooves. *Zootaxa* 3272: 26-34.
- Kotharambath R, Wilkinson M, Oommen OV, Gower DJ (2015) A new species of Indian caecilian highlights challenges for species delimitation within *Gegeneophis* Peters, 1879 (Amphibia: Gymnophiona: Indotyphlidae). *Zootaxa*, 3948 (1) : 60 - 70.

- 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.-I. 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.
- Kouete TM, Wilkinson M, Gower DJ (2012) First reproductive observations for *Herpele Peters, 1880* (Amphibia: Gymnophiona: Herpelidae): evidence of extended parental care and maternal dermatophagy in *H. squalostoma* (Stutchbury, 1836). *ISRN Zool* 2012: 7.
- Kouete, M. T., E. S. Ndeme, and D. J. Gower. 2013. Further observations of reproduction and confirmation of oviparity in *Herpele squalostoma* (Stutchbury, 1836) (Amphibia: Gymnophiona: Herpelidae). *Herpetology Notes* 6:583-586.
- Kpan TF, Kouamé NG, Barej MF, Adeba PJ, Emmrich M, Ofori-Boateng C, Rödel M-O. (2018). A new Puddle Frog, genus *Phrynobatrachus* (Amphibia: Anura: Phrynobatrachidae), from the eastern part of the Upper Guinea biodiversity hotspot, West Africa. *Zootaxa*, 4388, 221-237.
- Krakauer, T. 1968. The ecology of the neotropical toad, *Bufo marinus*, in south Florida. *Herpetologica*:214-221.
- Kraus F 2017 A new insular species of *Oreophryne* (Anura, Microhylidae) from Papua New Guinea. *Journal of Herpetology* 51: 552-558.
- Kraus F 2017 A New Species of *Oreophryne* (Anura: Microhylidae) from the Mountains of Southeastern Papua New Guinea. *Current Herpetology*. 36:105-115.
- Kraus F. (2018). A new species of *Choerophryne* (Anura: Microhylidae) from Papua New Guinea. *Proceedings of Biological Society of Washington*, 131, 53-60.
- Kraus F. 2018. Taxonomy of *Litoria graminea* (Anura: Hylidae), with descriptions of two closely related new species. *Zootaxa* 4457: 264-284.
- Kraus, F. (2013). Three new species of *Oreophryne* (Anura, Microhylidae) from Papua New Guinea. *ZooKeys*, 333, 93-121.
- Kraus, F. (2016). Ten new species of *Oreophryne* (Anura, Microhylidae) from Papua New Guinea. *Zootaxa*, 4195, 1-68.
- 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. Krügel. 1995. *Syncope antenori*: A Bromeliad Breeding Frog with Free-Swimming, Nonfeeding Tadpoles (Anura, Microhylidae). *Copeia* 1995:955.
- Krutha K, Dahanukar N, Molur S 2017 *Nyctibatrachus mewasinghi*, a new species of night frog (Amphibia: Nyctibatrachidae) from Western Ghats of Kerala, India. *J Threatened Taxa* 9: 10985-10997.
- Kubicki B 2016 A new species of salamander (Caudata: Plethodontidae: Oedipina) from the central Caribbean foothills of Costa Rica. *Mesoamerican Herpetology* 3: 819-840.

- Kubicki B, Arias E. 2016 A beautiful new yellow salamander, genus *Bolitoglossa* (Caudata: Plethodontidae), from the northeastern slopes of the Cordillera de Talamanca, Costa Rica. *Zootaxa* 4184:329-346.
- Kubicki B, Salazar S, Puschendorf R 2015 A new species of glassfrog, genus *Hyalinobatrachium* (Anura: Centrolenidae), from the Caribbean foothills of Costa Rica. *Zootaxa* 3920: 69-84.
- Kubicki, B. 2007. *Glass Frogs of Costa Rica*. Santo Domingo de Heredia, Costa Rica: Instituto Nacional de Biodiversidad.
- 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, H. Müller, M. M. Antoniazzi, C. Jared, H. Greven, R. A. Nussbaum, and M. Wilkinson. 2006. Parental investment by skin feeding in a caecilian amphibian. *Nature* 440:926-929.
- Kupfer, A. (2007). Sexual size dimorphism in amphibians: an overview. In: Fairbairn, D.J., Blanckenhorn, W.U., Sze-kely, T. (Eds.), *Sex, Size and Gender Roles: Evolutionary Studies of Sexual Size Dimorphism*. Oxford University Press, Oxford, pp. 50–59.
- 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.
- Kupfer, A., Kramer, A., Himstedt, W. (2004). Sex-related growth patterns in a caecilian amphibian (genus *Ichthyophis*): evidence from laboratory data. *Journal of Zoology*, 262: 173–178.
- Kuramoto, M. (1978). Correlations of quantitative parameters of fecundity in amphibians. *Evolution* 32: 287-296.
- Kuramoto, M. 1977. Mating call structures of the Japanese pond frogs, *Rana nigromaculata* and *Rana brevipoda* (Amphibia, Anura, Ranidae). *Journal of Herpetology* 11:249-254.
- 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. 1981. Growth and survival rate of the larvae of *Hynobius nebulosus tokyoensis* TAGO (Amphibia, Hynobiidae), *Research on Population Ecology* 2: 360-378.
- Kusano, T. 1985. Size related cannibalism among larval *Hynobius nebulosus*. *Copeia* 2: 472-476.
- 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. 1999. *The Amphibians of the Former Soviet Union*. Pensoft, Sofia-Moscow.
- Kuzmin, S. L., R. Dasgupta, and E. M. Smirina. 2011. Ecology of the Himalayan newt (*Tylotriton verrucosus*) in Darjeeling himalayas, India. *Russian Journal of Herpetology* 1:69-76.
- Kwet A, Angulo A. 2002. A new species of *Adenomera* (Anura, Leptodactylidae) from the Araucaria forest of Rio Grande do Sul (Brazil), with comments on the systematic status of southern populations of the genus. *Alytes* 20:28–43.

- 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., Lingnau, R. & Di-Bernardo, M. 2010. *Anfibios da Serra Gaucha*. EdiPUCRS, Porto Alegre. 148 pp.
- 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. (2008). A frog survivor (Amphibia: Anura: Aromobatidae: Mannophryne) of the traditional coffee belt in the Venezuelan Andes. *Herpetotropicos*, 5:49-56.
- La Marca, E. & Otero-Lopez, L.M. (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 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 dunnii*) 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 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.
- Lambert, S.M., Hutter, C.R. & Scherz, M.D. (2017). Diamond in the rough: a new species of fossorial diamond frog (*Rhombophryne*) from Ranomafana National Park, southeastern Madagascar. *Zoosystematics and Evolution*, 93: 143-155.
- 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.
- Landestoy, M.A., Turner, D.B., Marion, A.B., Hedges, S.B. (2018). A new species of Caribbean toad (*Bufonidae*, *Peltophryne*) from southern Hispaniola. *Zootaxa*, 4403, 523-539.
- 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.
- Lardner, B., and Lakim, M. B. 2004. Female call preferences in tree-hole frogs: why are there so many unattractive males? *Animal Behaviour* 68:265-272.

- 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., Murphy, R. W., Orlov, N., and Ho, C. T. 1998. Two new species of *Leptolax* (Anura: Megophryidae) from northern Vietnam. *Amphibia-Reptilia* 19:253–267.
- 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.
- Le DT, Nguyen TT, Nishikawa K, Nguyen SLH, Pham AV, Matsui M, Bernardes M, Nguyen TQ. 2015 A new species of *Tylototriton* Anderson, 1871 (Amphibia: Salamandridae) from Northern Indochina. *Current Herpetology* 34: 38–50.
- 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, A. K. 1967. Studies in Australian Amphibia II. Taxonomy, ecology, and evolution of the genus *Heleioporus* Gray (Anura: Leptodactylidae). *Australian Journal of Zoology* 15:367–439.
- Lee, J. C. 1996. The amphibians and reptiles of the Yucatan Peninsula. Cornell University Press, Ithaca, NY.
- Lee, J. C. 2000. A Field Guide to the Amphibians and Reptiles of the Maya World. Cornell University Press, Ithaca.
- 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, Moravec J (2017) A new species of *Pristimantis* (Amphibia, Anura, Craugastoridae) from a montane forest of the Pui Pui Protected Forest in central Peru (Región Junín). *ZooKeys* 645: 85–102.
- Lehr E, Rodriguez D 2017 Two new species of Andes frogs (Craugastoridae: Phrynopus) from the Cordillera de Carpish in central Peru. *Salamandra* 53:327–338.
- Lehr E, von May R (2017) A new species of terrestrial-breeding frog (Amphibia, Craugastoridae, *Pristimantis*) from high elevations of the Pui Pui Protected Forest in central Peru. *ZooKeys* 660: 17–42.
- 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., Moravec, J., Cusi, J.C. & Gvozdík, V. (2017). A new minute species of *Pristimantis* (Amphibia: Anura: Craugastoridae) with a large head from the Yanachaga-Chemillén National Park in central Peru, with comments on the phylogenetic diversity of *Pristimantis* occurring in the Cordillera Yanachaga. *European Journal of Taxonomy*, 325, 1-22.
- Lehr, E., Pramuk, J.B., Hedges, S.B. Cordova, J.H. (2007). A new species of arboreal *Rhinella* (Anura: Bufonidae) from Yanachaga-Chemillén National Park in central Peru. *Zootaxa*, 1662, 1-14.
- 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.
- Lehr, E., von May, R., Moravec, J. & Cusi, J.C. (2017). A new species of *Phrynopus* (Amphibia, Anura, Craugastoridae) from upper montane forests and high Andean grasslands of the Pui Pui Protected Forest in central Peru. *ZooKeys*, 713: 131-157.
- Lehr, E., Von May, R., Moravec, J. & Cusi, J.C. (2017). Three new species of *Pristimantis* (Amphibia, Anura, Craugastoridae) from upper montane forests and high Andean grasslands of the Pui Pui Protected Forest in central Peru. *Zootaxa*, 4299, 301-336.
- Lehtinen RM, Glaw F, Vences M, Rakotoarison A, and Scherz MD. (2018). Two new *Pandanus* (Guibemantis: Mantellidae: Anura) from northern Madagascar. *European Journal of Taxonomy* 451: 1-20.
- Lehtinen, R. M. & MacDonald, M.C. (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.
- Lescure J, Lettellier F. 1983. Reproduction en captivité de *Leptodactylus fallax* Muller, 1926 (Amphibia, Leptodactylidae). *Revue Française d'Aquariologie* 2:61–64.
- Lescure J, Marty C (2000) *Atlas des Amphibiens de Guyane*. 388 p.
- 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 S, Xu N, Lv J, Jiang J, Wei G, and Wang B. 2018. A new species of the odorous frog genus *Odorrana* (Amphibia, Anura, Ranidae) from southwestern China. *PeerJ* 6:e5695.
- 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, Chen, Zhiyong Yuan, Haibin Li & Yunke Wu. 2018. The tenth member of stout newt (Amphibia: Salamandridae: Pachytriton): Description of a new species from Guangdong, southern China. *Zootaxa* 4399(2): 207–219.
- Li, P., Y. Lu, and A. Li. 2008. A new species of brown frog from Bohai. *China* 11:60-68.
- Li, S., Xu, N., Liu, J., Jiang, J., Wei, G. & Wang, B. (2018). A new species of the Asian toad genus *Megophrys* sensu lato (Amphibia: Anura: Megophryidae) from Guizhou Province, China. *Asian Herpetological Research*, 9: 224-239.
- 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 (initial size + growth rate x age): explaining the proximate cause of Bergman's cline in a toad along altitudinal gradients. *Evolutionary Ecology* 26:579-590.
- Liebermann, J. 1939. Distribución geográfica de los Cecílidos argentinos. *Physis* 16:83-88.
- 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 AP, Caldwell JP, Biavai G, Montanarin A. 2010. A new species of *Allobates* (Anura: Aromobatidae) from Paleovarzea forest in Amazonas, Brazil. *Zootaxa* 2337:1-17.
- Lima AP, Sanchez DEA, Souza JRD 2007 A new Amazonian species of the frog genus *Colostethus* (Dendrobatidae) that lays its eggs on undersides of leaves. *Copeia* 2007:114-122.
- Lima AP, Simoes PI, Kaefer IL 2015 A new species of *Allobates* (Anura: Aromobatidae) from Parque Nacional da Amazonia, Para State, Brazil. *Zootaxa* 3980: 501-525.
- 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, A.P., Simoes, P.I., Kaeffer, I.L. (2014). A new species of *Allobates* (Anura: Aromabatidae) from the Tapajos River basin, Para State, Brazil. *Zootaxa*, 3889: 355-387.
- 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 chiriquirensis* (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.
- Lips, K., Reaser, J.K., Young, B.E. and Ibañez, R., 1999. El monitoreo de anfibios en América Latina: Un manual para coordinar esfuerzos. The nature conservancy, 2.
- Litvinchuk, S.N., Borkin, L.J., Skorinov, D.V. & Rosanov, J.M. (2008). A new species of common toads from the Talysh Mountains, South-Eastern Caucasus: Genome size, allozyme, and morphological evidences. *Russian Journal of Herpetology*, 15: 19-43.
- Liu, C. Z. 1950. *Amphibians of Western China*. Chicago Natural History Museum, Chicago.
- 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 SP, Lawson LP, Portik DM, Menegon M. 2015. Three new species of spiny throated reed frogs (Anura: Hyperoliidae) from evergreen forests of Tanzania. *BMC Research Notes*, 8:167.
- 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.
- Loader, S. P., M. Wilkinson, D. J. Gower, and C. A. Msuya. 2003. A remarkable young *Scolecophorus vittatus* (Amphibia: Gymnophiona: Scolecophoridae) from the North Pare Mountains, Tanzania. *J.Zoo.* 259:93-101.
- Loader, S. P., Poynton, J. C., Lawson, L. P., Blackburn, D. C. & Menegon, M. (2011). Herpetofauna of montane areas of Tanzania. 3. Amphibian diversity in the Northwestern Eastern Arc Mountains, with the description of a new species of *Arthroleptis* (Anura: Arthroleptidae). *Fieldiana Life and Earth Sciences*, 4:90-102.
- 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.
- Lode, T., Holveck, M. J., and Lesbarreres, D. 2005. Asynchronous arrival pattern, operational sex ratio and occurrence of multiple paternities in a territorial breeding anuran, *Rana dalmatina*. *Biological Journal of the Linnean Society* 86:191-200.
- 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.
- Lourenco ACC, Zina J, Catrioli GA, Kasahara S, Faivovich J, Haddad CFB 2016 A new species of the *Scinax catharinae* group (Anura: Hylidae) from southeastern Brazil. *Zootaxa* 4154: 415-435.
- Lourenco-de-Moraes R, Dias IR, Mira-Mendes CV, Oliveria RMde, Barth A, Ruas DS, Vences M, Sole M, Bastos RP 2018 Diversity of miniaturized frogs of the genus *Adelophryne* (Anura: Eleutherodactylidae): a new species from the Atlantic Forest of northeast Brazil. *PLoS One*, 13: e0201781.
- 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. 1936. Scientific results of an expedition to rain forest regions in eastern Africa. VII. Amphibians. *Bulletin of the Museum of Comparative Zoology, Harvard College* 79:369-430.
- 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. & Haddad, C.F.B. (2006). A new species of the *Bokermannohyla pseudoseudis* group from Central Bahia, Brazil (Amphibia: Hylidae). *Herpetologica*, 62, 453-465.
- 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.
- Luque-Montes, I., Austin, J.D., Weinfurter, K.D., Wilson, L.D., Hofmann, E.P. & Townsend, J.H. (2018). An integrative assessment of the taxonomic status of putative hybrid leopard frogs (Anura: Ranidae) from the Chortís Highlands of Central America, with description of a new species. *Systematics and Biodiversity*, 16, 340-356.
- Luria-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, Austin and London
- 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 Chococoan 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 (*Bufo*nidae: *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.
- Lynch, J.D. (1975). A new Chilean frog of the extra-Andean assemblage of *Telmatobius* (Amphibia: Leptodactylidae). *Southern California Academy of Sciences Bulletin*, 74(3), 160-161.
- Lynch, J.D. 1986. New species of minute leptodactylid frogs from the Andes of Ecuador and Peru. *Journal of Herpetology*: 423-431.
- Lynch, J.D. and Duellman, W.E. (1973). "A review of the centrolenid frogs of Ecuador, with descriptions of new species." *Occasional Papers of the Museum of Natural History, University of Kansas*, (16), 1-66.
- 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.
- Lyu Z-T, Wu J, Wang J, Sung Y-H, Liu Z-Y, Zeng Z-C, Wang X, Li Y-Y, and Wang Y-Y. (2018). A new species of *Amolops* (Anura: Ranidae) from southwestern Guangdong, China. *Zootaxa*, 4418, 562-576.
- Ma, X., X. Lu, and J. Merila. 2009. Altitudinal decline of body size in a Tibetan frog. *Journal of Zoology* 279:364-371.
- Ma, X., X. Lu, and L. Tong. 2009. 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 AO, Hoogmoed MS (2011) Notes on the Vertebrates of northern Pará, Brazil: a forgotten part of the Guianan Region, III. A new species of *Microcaecilia* (Amphibia: Gymnophiona: Caeciliidae). *Bol Mus Para Emilio Goeldi Ser Ciên Nat* 6: 67-72.
- Maciel AO, Hoogmoed MS (2011) Taxonomy and distribution of caecilian amphibians (Gymnophiona) of Brazilian Amazonia, with a key to their identification. *Zootaxa* 2984: 1-53.
- Maciel AO, Hoogmoed MS 2013 A new species of *Microcaecilia* (Amphibia: Gymnophiona: Siphonopidae) from the Guianan region of Brazil. *Zootaxa* 3693: 387-394.
- Maciel AO, Leite JM, Leite RRS, Leite JRSA, Cascon P 2015 A new species of *Chthonerpeton* Peters 1880 (Amphibia: Gymnophiona: Typhlonectidae) from the state of Piauí, northeastern Brazil. *Journal of Herpetology* 49:308-313.
- Maciel AO, Sampaio MIC, Hoogmoed MS, and Schneider H. 2018. Description of two new species of *Rhinatrema* (Amphibia: Gymnophiona) from Brazil and the return of *Epicrionops niger* to *Rhinatrema*. *South American Journal of Herpetology* 13: 287-299.
- 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, A. O., J. O. Gomes, J. C. L. Costa, and G. V. Andrade. 2012. Diet, microhabitat use and an analysis of sexual dimorphism in *Caecilia gracilis* (Amphibia: Gymnophiona: Caeciliidae) from a riparian forest in the Brazilian cerrado. *J. Herpetol.* 46:47-50.
- Maciel, A. O., T. Mott, and M. S. Hoogmoed. 2009. A second species of *Brasilotyphlus* (Amphibia: Gymnophiona: Caeciliidae) from Brazilian Amazonia. *Zootaxa* 2226: 19-27.
- Maciel, A.O. & Hoogmoed, M.S. (2018). A new species of *Caecilia* Linnaeus, 1758 (Amphibia: Gymnophiona: Caeciliidae) from French Guiana. *Boletim do Museu Paraense Emílio Goeldi. Ciências Naturais*, 13, 13-18.
- 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.
- Maddock ST, Briscoe AG, Wilkinson M, Waeschenbach A, San Mauro D, Day JJ, Littlewood DTJ, Foster PG, Nussbaum RA, Gower DJ (2016) Next-Generation Mitogenomics: A Comparison of Approaches Applied to Caecilian Amphibian Phylogeny. *PLOS ONE*, 11 (6) : e0156757 - e0156757.
- Maddock ST, Day JJ, Nussbaum RA, Wilkinson M, Gower DJ (2014) Evolutionary origins and genetic variation of the Seychelles treefrog, *Tachycnemis seychellensis* (Duméril and Bibron, 1841) (Amphibia: Anura: Hyperoliidae). *Molecular Phylogenetics and Evolution*, 75 : 194 - 201.
- Maddock ST, Wilkinson M, Gower DJ 2018 A new species of small, long-snouted *Hypogeophis* Peters, 1880 (Amphibia: Gymnophiona: Indotyphlidae) from the highest elevations of the Seychelles island of Mahé. *Zootaxa* 4450 (3): 359–375.
- Maddock, S.T., Wilkinson, M., Nussbaum, R.A., Gower, D.J. (2017). A new species of small and highly abbreviated caecilian (Gymnophiona: Indotyphlidae) from the Seychelles island of Praslin, and a recharacterization of *Hypogeophis brevis* Boulenger, 1911. *Zootaxa*, 4329, 301-326.
- 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.
- Mahony, S, Kamei, R G., Teeling, E C. & Biju, S. D. 2018. Cryptic diversity within the *Megophrys* major species group (Amphibia: Megophryidae) of the Asian Horned Frogs: Phylogenetic perspectives and a taxonomic revision of South Asian taxa, with descriptions of four new species. *Zootaxa*, 4523: 1–96.
- 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.
- Main, A. R. 1965. *Frogs of Southern Western Australia*. Western Australia Naturalist's Club, Perth.
- Main, H., Guo-hua, Y., Hong-man, C., Chang-le, L., Li, Z., Jin, C., Pi-peng, L. & Orlov, N.L. 2017. The taxonomic status and distribution range of six *Theloderma* species (Anura: Rhacophoridae) with a new record in China. *Russian Journal of Herpetology*, 24: 99-127.
- Malacoli LR, de Sa FP, Canedo C, Haddad CFB 2017 A new species of *Hylodes* (Anura, Hylodidae) from Serra do Mar, southeastern Brazil: the fourth with nuptial thumb tubercles. *Herpetologica* 73: 136-147.
- 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.
- Mamani L, Catenazzi A, Ttito A, Chaparro JC 2017 A new species of *Bryophryne* (Anura: Strabomantidae) from the Cordillera de Vilcabamba, southeastern Peruvian Andes. *Phyllomedusa* 16: 129-141.
- Manamendra-Arachchi, K., and R. Pethiyagoda. 2001. *Ramanellana gaoi*, a new tree-hole frog (Microhylidae) from southern Sri Lanka. *Journal of South Asian Natural History* 5:121-133.
- Manamendra-Arachchi, K., and R. Pethiyagoda. 2005. The Sri Lankan shrub-frogs of the genus *Philautus* Gistel, 1848 (Ranidae: Rhacophorinae), with description of 27 new species. *Contributions to Biodiversity Exploration and Research in Sri Lanka. Raffles Bulletin of Zoology*, Supplement 12: 163–303.
- 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, Koroiva R, Sales Nunes PM, Roberto IJ, Avila RW, Sant'Anna AC, Santana DJ, Garda AA 2018 A new species of *Proceratorophrys* (Amphibia: Anura: Odontophrynidae) from the Araripe Plateau, Ceara State, Northeastern Brazil. *Herpetologica* 74: 255-268.

- 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.
- Marciano, E., Lantyer-Silva, A.S.F. & Solé, M. (2017). A new species of *Phyllodytes* Wagler, 1830 (Anura, Hylidae) from the Atlantic Forest of southern Bahia, Brazil. *Zootaxa*, 4238, 135-142.
- Marin CM, Molina-Zuluaga C, Restrepo A, Cano E, and Daza JM. 2018. A new species of *Leucostethus* (Anura: Dendrobatidae) from the eastern versant of the Central Cordillera of Colombia and the phylogenetic status of *Colostethus fraterdanieli*. *Zootaxa* 4461: 359-380.
- Marques, M.P., Ceriaco, L. M. P., Blackburn, D. C. & Bauer, A. M. (2018). Diversity and distribution of the amphibians and terrestrial reptiles of Angola. Atlas of historical and biogeographic records (1840-2017). *Proceedings of the California Academy of Sciences*, 65: 1-501.
- Márquez R, Esteban M, Castanet J. 1997. Sexual size dimorphism in the midwife toads, *Alytes obstetricans* and *A. cisternasi*. *Journal of Herpetology* 31: 52-591
- Marquez, R. 1993. Male reproductive success in two midwife toads, *Alytes obstetricans* and *A. cisternasi*. *Behavioral Ecology and Sociobiology* 32:283-291.
- Marquez, R. 2006. Advertisement calls of six species of anurans from Bali, Republic of Indonesia. *Journal of Natural History* 40:571-588.
- 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., Beltrán, J.F., Slimani, T., Radi, M., Llusia, D. & Mouden, E.H.E. (2011). Description of the advertisement call of the Moroccan midwife toad (*Alytes maurus* Pasteur & Bons, 1962). *Alytes*, 27, 142-150.
- Marquez, R., I. De la Riva, and J. Bosch. 1993. Advertisement Calls of Bolivian Species of *Hyla* (Amphibia, Anura, Hylidae). *Biotropica* 25:426.
- Márquez, R., Mejía-Vargas, D., Palacios-Rodríguez, P., Ramírez-Castañeda, V. & Amézquita, A. (2017). A new species of *Andinobates* (Anura: Dendrobatidae) from the Urabá region of Colombia. *Zootaxa*, 4290, 531-546.
- Martin, A.A. (1972). Studies in Australian amphibia III. The *Limnodynastes dorsalis* complex (Anura: Leptodactylidae). *Australian Journal of Zoology*, 20: 165-211.
- 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. Giarretta. 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. 1988. Reproductive biology of *Leptodactylus fuscus* in Boa Vista, Roraima (Amphibia: Anura). *Revista Brasileira de biologia* 48:969-977.
- Martins, M., and A. J. Cardoso. 1987. Novas espécies de hílídeos do Estado do Acre (Amphibia: Anura). *Revista Brasileira de Biologia* 47:549-558.
- Martins, M., Pombal, J. P. Jr., and Haddad, C. F. B. 1998. Escalated aggressive behavior and facultative parental care in the nest building gladiator frog *Hyla faber* Wied. *Amphibia-Reptilia* 19:65-73.
- Martori, R., Aun, L., Birri, A., Rozzi Giménez, C., and Heredia, E. 2005. Reproducción comparada de tres especies de anuros sintopicos de una localidad del sudeste de Córdoba. *Cuadernos de Herpetología*, 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, Sen N 2009 Studies on caecilians (Amphibia: Gymnophiona: Ichthyophiidae) of North East India with description of three new species of *Ichthyophis* from Garo Hills, Meghalaya and additional information on *Ichthyophis garoensis* Pillai & Ravichandran, 1999. *Rec Zool Survey India, Occ Papar* 309:1-56.
- 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.
- Mathis, A. (1991). Territories of male and female terrestrial salamanders: costs, benefits, and intersexual spatial associations. *Oecologia*, 86: 433-440.
- Mathis, A. & Britzke, E. (1999). The roles of body size and experience in agonistic displays of the Ozark zigzag salamander, *Plethodon angusticlavius*. *Herpetologica*, 55: 344-352.
- Mathis, A., Jaeger, R.G., Hubert-Keen, W., Ducey, P.K., Walls, S.C. & Buchanan, B.W. (1995). Aggression and territoriality by salamanders and a comparison with the territorial behavior of frogs. In: *Amphibian Biology. Vol. 2. Social Behaviour* (Heatwole, H. & Sullivan, S.K. Eds). Surrey Beatty & Sons, New South Wales, pp. 633-676.
- Matsui M 2015 A new species of *Limnonectes* from the border of East Kalimantan and Sarawak, Borneo Island (Anura, Dicroglossidae). *Current Herpetology* 34: 120-127.
- Matsui M, Khonsue W, and Panha S. (2018). Two new species of *Ansonia* (Bufonidae) from Thailand (Anura: Bufonidae). *Zoological Science*, 35, 39-48.
- Matsui M, Khonsue W, Panha S, Eto K 2015 A new tree frog of the genus *Gracixalus* from Thailand. *Zoological Science* 32: 204-210.
- Matsui M, Nishikawa K, Eto K, Bin Hossman MY 2017 A new species of *Pelophryne* from western Sarawak, Malaysian Borneo (Anura, Bufonidae). *Zoological Science* 34: 345-350.
- Matsui M, Nishikawa K, Tominaga A 2017 Taxonomic relationships of *Hynobius stejnegeri* and *H. yatsui*, with description of the amber-colored salamander from Kyushu, Japan (Amphibia: Caudata). *Zoological Science* 34:538-545.
- Matsui M, Ohler A, Eto K, Tao NT 2017 . Distinction of *Gracixalus carinensis* from Vietnam and Myanmar, with description of a new species. *Alytes* 33:25-37.
- 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., Eto, K., Belabut, D. M. & Nishikawa, K. 2017. A new *Kalophrynus* (Amphibia, Anura, Microhylidae) from peninsular Malaysia. *Current Herpetology*, 36: 75-86.
- 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., K. Nishikawa, A. Sudin, and M. Mohamed. 2006. The first karyotypic report of the genus *Caudacaecilia* with comments on its generic validity (Amphibia, Gymnophiona, Ichthyophiidae). *Copeia* 2006: 256-260.
- 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., Misawa, Y., Nishikawa, K. & Shimada, T. 2017. A new species of lentic breeding salamander (Amphibia, Caudata) from Central Japan. *Current Herpetology*, 36: 116-126.
- Matsui, M., Nishikawa, K., Belabut, D. M., Norhayati, A. & Yong, H. S. 2012. A new species of *Kalophrynus* (Amphibia, Anura, Microhylidae) from Southern Peninsular Malaysia. *Zootaxa*, 3155: 38-46.
- 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 JR. (2018). A discussion of the phenetic-based *Craugastor laticeps* species group (Anura: Brachycephaloidea: Craugastoridae) from north-central Honduras, with the description of two new species. *Herpetologica*, 74, 169-180.
- McCranie, J. R. 2010. *Plectrohyla 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. *The amphibians of Honduras*. 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.
- McCranie, J. R., Wilson, L. D., and Porras, L. (1980). A new species of *Leptodactylus* from the cloud forests of Honduras. *Journal of Herpetology*, 14: 361-367.
- McCranie, J.R. (2017). Specific status of the *Montana de Celaque* Honduran frogs previously referred to as *Plectrohyla guatemalensis* (Anura: Hylidae: Hylinae). *Mesoamerican Herpetology* 4: 390-401.
- McCranie, J.R., Wilson, L.D. & Kohler, G. (2005). *Amphibians & reptiles of the Bay Islands and Cayos Cochinos, Honduras*. Bibliomania, Salt Lake City.
- 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.
- McDonald KR, Rowley JJJ, Richards SJ, Frankham GJ (2016). A new species of treefrog (*Litoria*) from Cape York Peninsula, Australia. *Zootaxa* 4171: 153-169.
- 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 DS, Kurlbaum S, Hoang NV 2015 More of the same: a diminutive new species of the *Limnionectes kuhlii* complex from northern Vietnam (Anura: Dicroglossidae). *Zootaxa* 3947: 201-214.
- McLeod, D. S. 2008. A new species of big-headed, fanged dicroglossine frog (Genus *Limnionectes*) from Thailand. *Zootaxa* 1807:26-46.
- McLeod, D. S., and N. Ahmad. 2007. A new species of *Theloderma* (Anura: Rhacophoridae) from southern Thailand and peninsular Malaysia. *Russian Journal of Herpetology* 14: 65–72.
- Means DB, Lamb JY, Bernardo J 2017 A new species of dusky salamander (Amphibia: Plethodontidae: *Desmognathus*) from the eastern Gulf Coastal Plain of the United States and a redescription of *D. auriculatus*. *Zootaxa* 4263:467-506.
- 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., D. J. Gower, O. V. Oommen, and M. Wilkinson. 2003. Quantitative surveying of limbless endogeic vertebrates - a case study of *Gegeneophis ramaswamii* (Amphibia: Gymnophiona) in southern India. *App. Soil Ecol.* 23:43-53.
- 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.
- Meegaskumbura, M., K. Manamendra-Arachchi, C. J. Schneider, and R. Pethiyagoda. 2007. New species amongst Sri Lanka's extinct shrub frogs (Amphibia: Rhacophoridae: Philautus). *Zootaxa* 1397: 1–15.
- 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-Sampaio PR, de Oliveira RM, and Prates I. (2018). A new nurse frog from Brazil (Aromobatidae: *Allobates*), with data on the distribution and phenotypic variation of western Amazonian species. *South American Journal of Herpetology* 13: 131-149.
- 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: 1-27.
- 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.
- Menegucci, R. C., R. Gaiga, and I. F. Machado. 2017. *Fritziana ulei* (Miranda-Ribeiro, 1926): geographic extension, with comments on the natural history of this species. *Check List. The Journal of Biodiversity Data* 13 (2: 2061): 1–3.
- 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 *Hylagoiana* (Anura, Hylidae). *Iheringia, Sér. Zool.* 94:49–52.
- Menzies, J. I. (1987). A taxonomic revision of Papuan *Rana* (Amphibia: Ranidae). *Australian Journal of Zoology*, 35, 373-418.
- Menzies, J. I. & Zweifel, R. G. (1974). Systematics of *Litoria arfakiana* of New Guinea and sibling species (Salientia, Hylidae). *American Museum Novitates*, 2558: 1-16.
- Menzies, J. I. 1975. Handbook of Common New Guinea frogs. Wau Ecology Institute, Papua New Guinea.
- 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., S. J. Richards, and M. J. Tyler. 2008. Systematics of the Australo-Papuan tree frogs known as *Litoria bicolor* (Anura: Hylidae) in the Papuan region. *Australian Journal of Zoology* 56:257-280.
- Menzies, J.I. (2014). Notes on *Nyctimystes* (Anura: Hylidae) treefrogs of New Guinea, with descriptions of four new species. *Alytes*, 30, 42-68.
- Menzies, J.I. (2014). Notes on tree frogs, *Nyctimystes* species (Anura: Hylidae) of New Guinea: the *Nyctimystes papua* species group. *Alytes*, 31, 59-76.

- Mercolli C, Yanosky AA, Dixon JR. 1995. Natural history of *Adenomera hylaedactyla* (Anura: Leptodactylidae) in the Eastern Chaco of Argentina. *Bulletin of the Maryland Herpetological Society* 31:117–129.
- Mercurio, V. 2011. *Amphibians of Malawi*. Edition Chimaira, Frankfurt.
- 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* (Anura, Hylidae) in a Restinga habitat in southeastern Brazil. *Phyllomedusa: Journal of Herpetology* 3:51.
- Meza-Joya FL, Hernandez-Jaimes C, Ramos-Pallares E. 2017 A new species of salamander (Caudata, Plethodontidae, Bolitoglossa) from Serrania de los Yariques, Colombia. *Zootaxa* 4294: 93–111.
- 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.
- Milewski, A. 1917. Zur Kenntnis der Genera *Typhlonectes* Peters der *Gymnophiona* (Amphibia apoda). *Naturwiss. Wochenschr. (N. F.)* 16:33–39.
- Milne-Edwards, A. 1919. Description d'une espèce nouvelle de batracien du Sénégal. *Bulletin Du Museum Paris* 1919:454–455.
- Min M-s, Baek H-J, Song J-Y, Chang MH, Poyarkov Jr NA 2016 A new species of salamander of the genus *Hynobius* from South Korea. *Zootaxa* 4169: 475–503.
- 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.
- Minter, Netherlands & Du Preez, in Minter LR, Netherlands EC, Du Preez LJ 2016 Uncovering a hidden diversity: two new species of *Breviceps* (Anura: Brevicipitidae) from northern KwaZulu-Natal, South Africa. *Zootaxa* 4300: 195–216
- Minton, S.A., Jr. 1972. *Amphibians and Reptiles of Indiana*. Monograph Number 3, Indiana Academy of Science, Indianapolis, Indiana.
- Minton, S.A., Jr. 2001. *Amphibians and Reptiles of Indiana*. Second edition. Indiana Academy of Science, Indianapolis, Indiana.
- Miranda, D. B., M. V. Garey, E. L. A. Monteiro-Filho, and M. T. Hartmann. 2008. Sinalização visual e biologia reprodutiva de *Dendropsophus werner* (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 intrapopulation 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.
- Mitchell, J.C. & Pague, C.A. (2014). Filling gaps in life-history data: clutch sizes for 21 species of North American anurans. *Herpetological Conservation and Biology*, 9: 495-501.
- Mitchell, N. J. 2002. Nest-site selection in a terrestrially breeding frog with protracted development. *Australian Journal of Zoology* 50:225-235.
- Miyata, K. 1980. A new species of *Atelopus* (Anura: Bufonidae) from the cloud forests of northwestern Ecuador 458:1-11.
- Mo Y, Chen W, Liao X, Zhou S. 2016 A new species of the genus *Rhacophorus* (Anura: Rhacophoridae) from Southern China. *Asian Herpetological Research*, 7: 139-150.
- Mo, M. 2014. A preliminary evaluation of frog assemblages in the Pilliga forests. *Wetlands (Australia)* 27.
- Mo, Y.-m., W.-c. Chen, H.-y. Wu, W. Zhang, and S.-c. Zhou. 2015. A new species of *Odorrana* inhabiting complete darkness in a karst cave in Guangxi, China. *Asian Herpetological Research* 6: 11–17.
- Modak N, Dahanukar N, Gosavi N, Padhye AD 2015 *Indirana salelkari*, a new species of leaping frog (Anura: Ranixalidae) from Western Ghats of Goa, India. *Journal of Threatened Taxa* 7: 7493-7509.
- 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.
- Moodie, G.E.E. (1978). Observations on the life history of the caecilian *Typhlonectes compressicaudus* (Dumeril and Bibron) in the Amazon Basin. *Canadian Journal of Zoology*, 56: 1005–1008.
- Moore, J. A. 1961. *The Frogs of Eastern New South Wales*. American Museum of Natural History, New York.
- 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.
- Morales, V.R. (2007). Una especie nueva de *Eleutherodactylus* (Amphibia; Anura; Brachycephalidae) de la Amazonía central del Perú. *Biotempo*, 7, 5-11.
- Morales, V.R. & McDiarmid, R.W. (2009). A new species of *Chiasmocleis* (Anura: Microhylidae) from Southern Amazonian Peru with comments on some other microhylids. *Biotempo*, 9, 71-76.
- 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.
- Moreira G, Lima AP. 1991. Seasonal patterns of juvenile recruitment and reproduction in four species of leaf litter frogs in central Amazonia. *Herpetologica* 47:295–300.
- 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 Quindío (Colombia). *Caldasia* 36:365–372.
- 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 AP, Chaparro JC, Pombal, Jr JP, Guayasamin JM, De la Riva I, Padial JM. 2016. Molecular phylogenetics and taxonomy of the Andean genus *Lynchius* Hedges, Duellman, and Heinicke, 2008 (Anura: Craugastoridae). *Herpetological Monographs* 30: 119–142.
- 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 *Zachaenus carvalhoi* Izecksohn 1983 (Anura, Cycloramphidae) in south-eastern Brazil. *Herpetology Notes* 3:85-86.
- Mount, R. H. 1975. *The Reptiles and Amphibians of Alabama*. 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. 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.
- Mueses-Cisneros, J.J. 2007. A new species of *Rhaebo* (Anura: Bufonidae) from the Cordillera Occidental of Colombia. *Zootaxa* 1662:53-59.
- Müller, H., O. V. Oommen, and P. Bartsch. 2005. Skeletal development of the directdeveloping caecilian *Gegeneophis ramaswamii* (Amphibia: Gymnophiona: Caeciliidae). *Zoomorphol.* 124:171-188.
- 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. *Macrodactylus*. *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.
- Murphy, J. F., Simandle, E. T., and Becker, D. E. 2003. Population status and conservation of the black toad, *Bufo exsul*. *Southwestern Naturalist* 48:54-60.
- Myers, C. W. & Lynch, J. D. (1997). *Eleutherodactylus laticorpus*, a peculiar new frog from the Cerro Tacarcuna area, Panamanian-Colombian frontier. *American Museum Novitates*, 3196: 1-12.
- 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* 2721:1-23.
- 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 Bohme, W. 1996. On the type specimens of two Colombian poison frogs described by A. A. Berthold (1845) and their bearing on the locality "Provinz Popayan". *American Museum Novitates* 3185:1-20.
- 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 Tapirapécó 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. Goellet 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. Goellet 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., Ibañez, R., Grant, T. & Jaramillo, C.A. (2012). Discovery of the frog genus *Anomaloglossus* in Panama, with descriptions of two new species from the Chagres Highlands (*Dendrobatoidea*: *Aromobatidae*). *American Museum Novitates*, 3763, 1-19.

- 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.
- Myers, P., Espinosa, R., Parr, C. S., Jones, T., Hammond, G. S., and Dewey, T. A. 2006. The Animal Diversity Web. <http://animaldiversity.org>. (Accessed on January 2, 2008)
- 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.
- Narins, P.M., Feng, A.S. and Fay, R.R. eds., 2006. Hearing and sound communication in amphibians (Vol. 28). Springer Science & Business Media.
- 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.
- Navarrete MJ, Venegas PJ, Ron SR (2016) Two new species of frogs of the genus *Pristimantis* from Llanganates National Park in Ecuador with comments on the regional diversity of Ecuadorian *Pristimantis* (Anura, Craugastoridae). *ZooKeys* 593: 139-162.
- Navas, C. A., and Bevier, C. R. 2001. Thermal dependency of calling performance in the eurythermic frog *Colostethus subpunctatus*. *Herpetologica* 57:384-395.
- 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.

- Net Industries. 2008. Vocal sac-brooding frogs: Rhinodermatidae - Darwin's frog (*Rhinoderma darwinii*): species account. Animal Life Resource. <http://animals.jrank.org/pages/127/Vocal-Sac-Brooding-Frogs-Rhinodermatidae-DARWIN-S-FROG-Rhinoderma-darwinii-SPECIES-ACCOUNT.html>. (Accessed on January 2, 2008)
- Neves MO, Da Silva LA, Akieda PS, Cabrera R, Koroiva R, Santana DJ (2017). A new species of poison frog, genus *Ameerega* (Anura: Dendrobatidae), from the southern Amazonian rain forest. *Salamandra* 53:485-493.
- 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 TQ, Pham CT, Nguyen TT, Ngo HN, Ziegler T (2016). A new species of *Theloderma* (Amphibia: Anura: Rhacophoridae) from Vietnam. *Zootaxa* 4168: 171-186.
- Nguyen, L.T., Poyarkov, N.A., Le, D.T., Vo, B.D., Phan, H.T., Duong, T.V., Murphy, R.W. & Nguyen, S.N. (2018). A new species of *Leptolalax* (Anura: Megophryidae) from Son Tra Peninsula, central Vietnam. *Zootaxa*, 4388, 1-21.
- 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.
- Nguyen, TT, Pham CT, Nguyen TQ, Ninh HT, Ziegler T. 2017. A new species of *Rhacophorus* (Amphibia: Anura: Rhacophoridae) from Vietnam. *Asian Herpetological Research* 8: 221–234.
- Nishikawa K, Matsui M, Sudin A, Wong A 2013 A new striped *Ichthyophis* (Amphibia: Gymnophiona) from Mt. Kinabalu, Sabah, Malaysia. *Curr Herpetol* 32: 159-169.
- Nishikawa K, Matsui M, Yambun P 2012 A new unstriped *Ichthyophis* (Amphibia: Gymnophiona: Ichthyophiidae) from Mt. Kinabalu, Sabah, Malaysia. *Current Herpetology* 31: 67-77.
- Nishikawa, K., M. Matsui, and D.-q. Rao. 2014. A new species of *Tylototriton* (Amphibia: Urodela: Salamandridae) from central Myanmar. *Natural History Bulletin of the Siam Society* 60: 9–22.
- 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, and T. T. Nguyen. 2013. A New Species of *Tylototriton* from northern Vietnam (Amphibia: Urodela: Salamandridae). *Current Herpetology*. Kyoto 32: 34–49.
- 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.
- Nishikawa, K., W. Khonsue, P. Pomchote, and M. Matsui. 2013. Two new species of *Tylototriton* from Thailand (Amphibia: Urodela: Salamandridae) . *Zootaxa* 3737: 261–279.
- 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 RA, Hoogmoed MS (1979) Surinam caecilians, with notes on *Rhinatrema bivittatum* and the description of a new species of *Microcaecilia* (Amphibia, Gymnophiona). *Zool Meded* 54: 217–235.
- Nussbaum, R. A. 1977. *Rhinatrema*idae: a new family of caecilians (Amphibia: Gymnophiona). *Occasional Papers of the Museum of Zoology University of Michigan* 682:1–30.
- Nussbaum, R. A., and C. K. Tait. 1977. Aspects of the Life History and Ecology of the Olympic Salamander, *Rhyacotriton olympicus* (Gaige). *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* 1994:750–760.
- 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.
- Nussbaum, R. A., and M. Wilkinson. 1987. Two new species of *Chthonerpeton* (Amphibia: Gymnophiona: Typhlonectidae) from Brazil. *Occasional Papers of the Museum of Zoology, University of Michigan* 716: 1–15.
- Nussbaum, R. A., and M. Wilkinson. 1989. On the classification and phylogeny of caecilians (Amphibia: Gymnophiona), a critical review. *Herpetol. Monogr.* 3:1–42.
- Nussbaum, R., Brodie, E. D. Jr., and Storm, R. M. 1983. *Amphibians and Reptiles of the Pacific Northwest*. University Press of Idaho, Idaho.
- Nussbaum, R.A. (1987). Parental care and egg size in salamanders: an examination of the safe harbor hypothesis. *Research in Population Ecology*, 29: 27–44.
- Nussbaum, R.A. 1985. Systematics of caecilians (Amphibia: Gymnophiona) of the family *Scolecophoridae*. *Occasional Papers of The Museum of Zoology University of Michigan* 713:1–49.
- 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.
- Ofori-Boateng, C., Leache, A.D., Obeng-Kankam, B., Kouame, N.G., Hillers, A. & Rodel, M.O. (2018). A new species of Puddle Frog, genus *Phrynobatrachus* (Amphibia: Anura: Phrynobatrachidae) from Ghana. *Zootaxa*, 4374, 565–578.
- Ohler, A., A. Teynié, and P. David. 2004. A green-eyed *Leptobranchium* (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.
- Okada, S., Utsunomiya, T., Okada, T., Felix, Z. I., & Ito, F. (2008). Characteristics of Japanese giant salamander (*Andrias japonicus*) populations in two small tributary streams in Hiroshima Prefecture, western Honshu, Japan. *Herpetological Conservation and Biology*, 3(2), 192–202.
- Okada, Y. 1966. *Fauna Japonica Anura* (Amphibia). Tokyo Electrical Engineering College Press, Tokyo.
- Okamiya H, Sugawara H, Nagano M, Pooyarkov NA 2018 An integrative taxonomic analysis reveals a new species of lotic *Hynobius* salamander from Japan. *PeerJ* 6:e5084.
- 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 EA de, Hernandez-Ruz EJ 2017 New species of glassfrog, genus *Hyalinobatrachium* (Anura: Centrolenidae), for the Brazilian Amazon revealed by mitochondrial DNA and morphology. *International Journal of Research Studies in Biosciences*, 5:1-12.
- Oliveira, E. A. de, L. R. Rodrigues, Í. L. Kaefer, K. C. Pinto, and E. J. Hernández-Ruz. 2017. A new species of *Pristimantis* from eastern Brazilian Amazonia (Anura, Craugastoridae). *ZooKeys* 687: 101–129.
- 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.
- Olson, D. H., Blaustein, A. R. and O'hara, R. K. 1986. Mating patterns variability among western toad (*Bufo boreas*) populations. *Oecologia* 70: 351-356.
- Onadeko A, Roedel M, Liedtke H, Barej M (2014) The rediscovery of Perret's toad, *Amietophrynus perreti* (Schlötter, 1963) after more than 40 years, with comments on the species' phylogenetic placement and conservation status. *Zoosystematics and Evolution* 90(2): 113-119.
- Onadeko, A. B., and M. O. Rödel. 2009. Anuran surveys in south-western Nigeria. *Salamandra* 45:1-14.
- Onn CK, Abraham RK, Grismer JL, and Grismer LL. 2018. Elevational size variation and two new species of torrent frogs from Peninsular Malaysia (Anura: Ranidae: *Amolops* Cope). *Zootaxa* 4434: 250–264.
- Oommen, O. V., G. J. Measey, D. J. Gower, and M. Wilkinson. 2000. Distribution and abundance of the caecilian *Gegeneophis ramaswamii* (Amphibia: Gymnophiona) in southern Kerala. *Curr. Sci.* 79:1386-1389.
- Orlov NL, Pyarkov Jr NA, Nguyen TT 2015 Taxonomic notes on *Megophrys* frogs (Megophryidae: Anura) of Vietnam, with description of a new species. *Russian J Herpetology* 22:206-218.
- Orlov, N. L., S. K. Dutta, H. V. Ghate, and Y. Kent. 2006. New species of *Theloderma* from Kon Tum Province (Vietnam) and Nagaland State (India) (Anura: Rhacophoridae). *Russian Journal of Herpetology* 13: 165–175.
- 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.
- Orrico, V.G.D., Dias, I.R. & Marciano, E. (2018). Another new species of *Phyllodytes* (Anura: Hylidae) from the Atlantic Forest of northeastern Brazil. *Zootaxa*, 4407, 101-110.
- Orrico, V.G.D., Nunes, I., Mattedi, C., Fouquet, A., Lemos, A.W., Rivera-Correa, M., Lyra, M.L., Loebmann, D., Pimenta, B.V.S., Caramaschi, U., Rodrigues, M.T. & Haddad, C.F.B. (2017). Integrative taxonomy supports the existence of two distinct species within *Hypsiboas crepitans* (Anura: Hylidae). *Salamandra*, 53, 99-113.
- Ortega J. E., Serrano, V. H., and Ramírez-Pinilla, M. P. 2005. Reproduction of an introduced population of *Eleutherodactylus johnstonei* at Bucaramanga, Colombia. *Copeia* 2005:642–648.
- Ortega-Andrade HM, Rojas-Soto OR, Valencia JH, Espinosa de los Monteros A, Morrone JJ, Ron SR, Cannatella DC. 2015 Insights from integrative systematics reveal cryptic diversity in *Pristimantis* frogs (Anura: Craugastoridae) from the Upper Amazon Basin. *PLoS One*, 10: e0143392.
- 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.

- Ospina-Sarria JJ, Angarita-Sierra T, Pedroza-Banda R. 2015 A new Species of Craugastor (Anura: Craugastoridae) from the Magdalena River Valley, Colombia, with evaluation of the characters used to identify species of the Craugastor fitzingeri group. *South American J Herpetology* 10: 165-177.
- 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. cochranæ* 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 Churi). *Reproduction. Herpetological Review* 34:229.
- Ovaska, K., and Rand, A. S. 2001. Courtship and reproductive behavior of the frog *Eleutherodactylus diastema* (Anura: Leptodactylidae) in Gamboa, Panama. *Journal of Herpetology* 35:44-50.
- 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.
- Padhye, A., N. Dahanukar, S. Sulakhe, N. Dandekar, S. Limaye & K. Jamdade (2017). *Sphaerotheca pashchima*, a new species of burrowing frog (Anura: Dicroglossidae) from western India. *Journal of Threatened Taxa* 9, 10286-10296.
- Padhye, AD, Jadhav A, Modak N, Nameer PO, Dahanukar N 2015 *Hydrophylax bahuvistara*, a new species of fungoid frog (Amphibia: Ranidae) from peninsular India. *Journal of Threatened Taxa* 7:7744-7760.
- Padial JM, Gagliardi-Urrutia G, Chaparro JC, Gutierrez RC (2016). A new species of the *Pristimantis conspicillatus* group from the Peruvian Amazon. *Annals of the Carnegie Museum* 83: 207-218.
- Padial, J. (2009). Integrative taxonomy reveals cryptic Amazonian species of *Pristimantis* (Anura: Strabomantidae). *Biological Journal of the Linnean Society*, 155: 97.
- Padial, J. M., Chaparro, J. C., Castroviejo-Fisher, S., Guayasamin, J. M., Lehr, E., Delgado, A. J., Vaira, M., Teixeira, M., Aguayo, R. & de la Riva, I. (2012). A revision of species diversity in the neotropical genus *Oreobates* (Anura, Strabomantidae), with the description of three new species from the Amazonian slopes of the Andes. *American Museum Novitates*, 3752: 1-55.
- 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.
- Pan, T., Zhang, Y., Wang, H., Wu, J., Kang, X., Qian, L., Li, K., Zhang, Y., Chen, J., Rao, D., Jiang, J. & Zhang, B. 2017. A new species of the genus *Rhacophorus* (Anura: Rhacophoridae) from the Dabie mountains in East China. *Asian Herpetological Research*, 8: 1-13.
- 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. Kumbhar. 2005. Estimation of age and longevity of the Indian Bullfrog *Hoplobatrachus tigerinus* (Daudin, 1802): A skeletochronological study. *Herpetozoa* 18:147-153.
- Pansonato A. Veiga-Menoncello, Mudrek JR, Jansen M, Recco-Pimentel SM, Mrtins IA, Struessmann C 2016 Two new species of *Pseudopaludicola Miranda-Ribeiro*, 1926 (Anura: Leptodactylidae: Leiuperinae) from eastern Bolivia and western Brazil. *Herpetologica* 72: 235-255.
- Pansonato, A., J. R. Mudrek, A. C. P. Veiga-Menoncello, D. de C. Rossa-Feres, I. A. Martins, and C. Strüssmann. 2014. A new species of *Pseudopaludicola Miranda-Ribeiro*, 1926 (Anura: Leptodactylidae: Leiuperinae) from northwestern state of São Paulo, Brazil . *Zootaxa* 3861: 249–264.

- 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.
- Parker, H. W. 1936. The amphibians of the Mamfe Division, Cameroons. I. Zoogeography and systematics. *Proc. Zool. Soc. London* 106:135-163.
- Parker, H. W. 1940. The Australasian frogs of the family Leptodactylidae. *Novitates Zoologicae* 42:1-105.
- Parker, H. W. 1941. The caecilians of the Seychelles. *Ann. Mag. Nat. Hist.* 7:1-17.
- Parker, H. W. 1956. Viviparous caecilians and amphibian phylogeny. *Nature* 178:250-252.
- Parker, H. W. 1958. Caecilians of the Seychelles islands with description of a new subspecies. *Copeia* 1958:71-76.
- Parker, H. W., and E. R. Dunn. 1964. Dentitional metamorphosis in the Amphibia. *Copeia* 1964:75-86.
- Parra-Olea G, Rovito SM, Garcia-Paris M, Maisano JA, Wake DB, Hanken J 2016 Biology of tiny animals: three new species of minute salamanders (Plethodontidae: Thorius) from Oaxaca, Mexico. *PeerJ* 4:e2694.
- 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.
- Passmore, N. I. 1981. Sound levels of mating calls of some African frogs. *Herpetologica* 37:166-171.
- 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.
- Pawangkhanant P, Poyarkov NA, Van Duong T, Naiduangchan M, Suwannapoom C. 2018 A new species of *Leptobrachium* (Anura, Megophryidae) from western Thailand. *PeerJ* 6:e5584
- 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.
- Peloso PLV, Oliveira RM, Sturaro MJ, Rodrigues MT, Lima-Filho GR, Bitar YOC, Wheeler WC, Aleixo A. 2018. Phylogeny of map frogs, *Boana semilineata* species group, with a new Amazonian species (Anura: Hylidae). *South American Journal of Herpetology*, 13:150–169.
- Peloso PLV, Orrico VGD, Haddad CFB, Lima-Filho GR, Sturaro MJ (2016) A new species of clown tree frog, *Dendropsophus leucophyllatus* species group, from Amazonia (Anura, Hylidae). *South American Journal of Herpetology* 11: 66-80.
- Peloso, P. L. V., Faivovich, J., Grant, T., Gasparini, J. L., & Haddad, C. F. B. (2012). An extraordinary new species of *Melanophryniscus* (Anura, Bufonidae) from southeastern Brazil. *American Museum Novitates*, 3762: 1-31.
- 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.
- Penna, M., and Veloso, A. 1990. Vocal diversity in frogs of the South American temperate forest. *Journal of Herpetology* 24:23-33.
- Pereira EA, Rocha LCL, Folly H, de Silva HR, Santana DJ 2018 A new species of spotted leaf frog, genus *Phasmahyla* (Amphibia, Phyllomedusidae) from Southeast Brazil. *PeerJ* 6:e4900
- 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.
- Petranka, J.W. (2010). *Salamanders of the United States and Canada*. Smithsonian Books, Washington. 587pp.
- Petry de Carli Monteiro J, Condez TH, Christiano de Anchieta Garcia P, Comitti EJ, Amaral IB, Haddad CFB. (2018). A new species of *Brachycephalus* (Anura, Brachycephalidae) from the coast of Santa Catarina State, southern Atlantic Forest, Brazil. *Zootaxa*, 4407, 483-505.
- 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 CT, Le MD, Ngo HT, Ziegler T, Nguyen TQ. 2018. A new species of *Limnonectes* (Amphibia: Anura: Dicroglossidae) from Vietnam. *Zootaxa* 4508: 115–130.
- Pham CT, Le MD, Nguyen TT, Ziegler T, Wu ZJ, Nguyen TQ 2017 A new species of *Limnonectes* (Amphibia: Anura: Dicroglossidae) from Vietnam. *Zootaxa* 4269:545-558.
- 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.
- Pham, C.T., Nguyen, T.Q., Le, M.D., Bonkowski, M. & Ziegler, T. (2016). A new species of *Odorrana* (Amphibia: Anura: Ranidae) from Vietnam. *Zootaxa*, 4084, 421-435.
- Phimmachak S, Aowphol A, Stuart BL 2015 Morphological and molecular variation in *Tylototriton* (Caudata: Salamandridae) in Laos, with description of a new species. *Zootaxa* 4006: 285-310.
- Phimmachak S., Sivongxay N., Seateun S., Yodthong S., Rujirawan A., Neang T., Aowphol A., and Stuart B.L. (2018). A new *Limnonectes* (Anura: Dicroglossidae) from southern Laos. *Zootaxa*, 4375, 325-340.
- 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.
- Pickersgill M, Zimkus BM, Glaw LRG. 2017. A new species of *Phrynobatrachus* (Anura: Phrynobatrachidae) from the Eastern Arc Mountains of Tanzania. *Zootaxa* 4350: 151–163.
- Pie M, Ribeiro LF, Confetti AE, Nadaline MJ, and Bornschein MR. 2018. A new species of *Brachycephalus* (Anura: Brachycephalidae) from southern Brazil. *PeerJ* 6:e5683.
- Pie, M.R. & Ribeiro, L.F. (2015). A new species of *Brachycephalus* (Anura: Brachycephalidae) from the Quiriri mountain range of southern Brazil. *PeerJ*, 3, e1179.
- Pike, Z. 2015. *Cryptobranchus alleganiensis* (On-line), Animal Diversity Web. Accessed October 07, 2016 at http://animaldiversity.org/accounts/Cryptobranchus_alleganiensis/
- Pillai, R. S., and M. S. Ravichandran. 2005. *Gymnophiona* (Amphibia) of India. Zoological Survey of India.
- Pimenta BVS, Caramaschi U, Cruz CAG 2015 Synonymy of *Crossodactylus bokermanni* Caramaschi & Sazima, 1985 with *Crossodactylus trachystomus* (Reinhardt & Leutken, 1862) and description of a new species from Minas Gerais, Brazil (Anura: Hylodidae). *Zootaxa* 3955: 65-82.
- 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.
- Pimenta, B.V.S., Napoli, M.F. & Haddad, C.F.B. (2009). A new species of casque-headed tree frog, genus *Aparasphenodon* Miranda-Ribeiro (Amphibia: Anura: Hylidae), from the Atlantic Rainforest of southern Bahia, Brazil. *Zootaxa*, 2123: 46-54.
- Pinheiro PDP, Cintra CED, Valdujo PH, Silva HLR, Martins IA, Silva NJ Jr, Garcia PCA. 2018. A new species of the *Boana albopunctata* group (Anura: Hylidae) from the cerrado of Brazil. *South American Journal of Herpetology* 13: 170–182.
- Pinheiro PDP, Pezzuti TL, Leite FSF, Garcia PCA, Haddad CFB, Faivovich J 2016 A new species of the *Hypsiboas pulchellus* group from the Serra de Mantiqueira, southeastern Brazil (Amphibia: Anura: Hylidae). *Herpetologica* 72: 256-270.

- 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.
- Pino, E. M., Venegas-Ferrín, M., Romero-Carvajal, A., Montenegro-Larrea, P., Sáenz-Ponce, N., Moya, I. M., Alarcón, I., Sudou, N., Yamamoto, S., and Taira, M. 2007. A comparative analysis of frog early development. *Proceedings of the National Academy of Sciences* 104:11882–11888.
- 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.
- Piva A, Caramaschi U, Albuquerque NR de (2017). A new species of *Elachistocleis* (Anura: Microhylidae) from the Brazilian pantanal. *Phyllomedusa* 16: 143-154.
- 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.
- Ploetner J, Baier F, Akin C, Mazepa G, Schreiber R, Beerli P, Litvinchuk SN, Bilgin CC, Borkin L, Uzzell T 2012 Genetic data reveal that water frogs of Cyprus (genus *Pelophylax*) are an endemic species of Messinian origin. *Zoosyst Evol* 88: 261-283.
- 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., 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.
- Pombal, J.P. (2010). A posição taxonômica das variedades de *Brachycephalus ephippium* (Spix, 1824) descritas por Miranda-Ribeiro, 1920 (Amphibia, Anura, Brachycephalidae). *Boletim do Museu Nacional*, 526: 1-12.
- Pombal, J.P. & Izecksohn, E. (2011). Uma nova espécie de *Brachycephalus* (Anura, Brachycephalidae) do estado do Rio de Janeiro. *Papéis Avulsos de Zoologia*, 51: 443-451.
- 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. 1931. Notes on Amphibians from Fukien, Hainan and other parts of China. *Bulletin of the American Museum of Natural History* 61:307-611
- Pope, C. H., and others. 1929. Four new frogs from Fukien Province, China. *American Museum novitates* 352:1-5.
- Porrás, 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.
- Potnton, 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.
- Pough, F. H., Andrews, R. M., Cadle, J. E., Crump, M. L., Savitzky, A. H., and Wells, K. D. 2004. *Herpetology.* Prentice Hall, New Jersey.
- Poyarkov Jr NA, Duong TV, Orlov NL, Gogoleva SS, Vassilieva AB, Nguyen LT, Nguyen VDH, Nguyen SN, Che J, Mahony S (2017) Molecular, morphological and acoustic assessment of the genus *Ophryophryne* (Anura, Megophryidae) from Langbian Plateau, southern Vietnam, with description of a new species. *ZooKeys* 672: 49-120.
- Poyarkov Jr NA, Rowley JJJ, Gogoleva SI, Vassilieva AB, Galoyan EA, Orlov NL 2015 A new species of *Leptolalax* (Anura: Megophryidae) from the western Langbian Plateau, southern Vietnam. *Zootaxa* 3931: 221-252.
- Poyarkov NA, Jr, Che J, Min M-S, Kuro-o M, Li C, Iizuka K, Vieites DR. (2012). Review of the systematics, morphology and distribution of Asian Clawed Salamanders, with the description of four new species. *Zootaxa*, 3465, 1-106.
- Poyarkov NA, Nguyen TV, Duong TV, Gorin VA, and Yang J-H. 2018. A new limestone-dwelling species of *Micryletta* (Amphibia: Anura: Microhylidae) from northern Vietnam. *PeerJ* 6:e5771.
- Poyarkov NA, Orlov NL, Moiseeva AV, Pawangkhanant P, Ruangsuan T, Vassilieva AB, Galoyan EA, Nguyen TT, Gogoleva SS 2015 Sorting out moss frogs: mtDNA data on taxonomic diversity and phylogenetic relationships of the Indochinese species of the genus *Theloderma* (Anura, Rhacophoridae). *Russian Journal of Herpetology* 22: 241-280.
- Poyarkov, 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.
- Poyarkov, N.A., Kropachev, I.I., Gogoleva, S.S. & Orlov, N.L. (2018). A new species of the genus *Theloderma* Tschudi, 1838 (Amphibia: Anura: Rhacophoridae) from Tay Nguyen Plateau, central Vietnam. *Zoological Research*, 39, 156-180.
- Poyarkov, N.A., Suwannapoom, C., Pawangkhanant, P., Aksornneam, A., Duong, T.V., Korost, D.V. & Che, J. (2018). A new genus and three new species of miniaturized microhylid frogs from Indochina (Amphibia: Anura: Microhylidae: Asterophryinae). *Zoological Research*, 39, 130-155.
- Poynton, J. C. 1963. Descriptions of southern African amphibian. *Annals of the Natal Museum* 15:319-332.
- Poynton, J., Menegon, M. & Loader, S.P. (2008). A new giant species of *Arthroleptis* (Amphibia: Anura) from the forests of the Nguru Mountains, Tanzania. *African Journal of Herpetology*, 57(2): 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 Zoológicas del Museo de Historia Natural de Montevideo* 12:1-12.
- Priti H, Naik CR, Seshadri KS, Singal R, Vidisha MK, Ravikanth G, Gururaja KV 2016. A new species of *Euphlyctis* (Amphibia, Anura, Dicoglossidae) from the West Coastal Plains of India. *Asian Herpetological Research* 7: 229–241.

- Priti H, Roshmi RS, Ramya B, Sudhira HS, Ravikanth G, Aravind NA, et al. (2016) Integrative Taxonomic Approach for Describing a New Cryptic Species of Bush Frog (*Raorchestes*: Anura: Rhacophoridae) from the Western Ghats, India. *PLoS ONE* 11(3): e0149382
- Prohl, H. 2005. Territorial behavior in dendrobatid frog. *Journal of Herpetology* 39:354-365.
- 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 Hylid 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.
- Qian L, Sun X, Li J, Guo W, Pan T, Kang X, Wang H, Jiang J, Wu J, Zhang B. (2017). A new species of the genus *Tylotriton* (Amphibia: Urodela: Salamandridae) from the Southern Dabie Mountains in Anhui Province. *Asian Herpetological Research* 8: 151–164.
- Qin S, Mo Y, Jiang K, Cai B, Xie F, Jiang J, Murphy, R.W., Li, J.T. & Wang, Y. 2015. Two New Species of *Liuxalus* (Rhacophoridae, Anura): Evidence from Morphological and Molecular Analyses. *Plos One*, 10: e0136134.
- Quah, E.S.H., Anuar, S., Grismer, L.L., Wood, P.L., Azizah, S. & Muin, M.A. (2017). A new species of frog of the genus *Abavorana* Oliver, Prendini, Kraus & Raxworthy 2015 (Anura: Ranidae) from Gunung Jerai, Kedah, northwestern Peninsular Malaysia. *Zootaxa*, 4320, 272-288.
- Queensland Frog Society. 2002. *Limnodynastes salmini*. Frogs of the Greater Brisbane Region. <http://www.geocities.com/gem3007/limsalmi.htm>. (Accessed on January 2, 2008)
- 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 Rabb, M. S. 1962. On the behavior and breeding biology of the African pipid frog *Hymenochirus boettgeri*. *Sonderdruck aus Zeitschrift fur Tierpsychologie* 20:215-241.
- Rabb, G. G., and Rabb, M. S. 1963. Additional observations on breeding behavior of the Surinam toad, *Pipa pipa*. *Copeia* 1963:636-642.
- Rabor, D. S. 1952. Preliminary Notes on the Giant Toad, *Bufo marinus* (Linn.), in the Philippine Islands. *Copeia* 1952:281.
- Rada M, Jeckel AM, Caorsi VS, Barrientos LS, Rivera-Correa M, Grant T 2017. A remarkable new white-eyed glassfrog species of *Sachatamia* from Colombia (Anura: Centrolenidae), with comments on the systematics of the genus. *South American Journal of Herpetology*, 12:157-173.
- Rada M, Ospina-Sarria JJ, Guayasamin JM 2017 A taxonomic review of tan-brown glassfrogs (Anura: Centrolenidae), with the description of a new species from southwestern Colombia. *South American Journal of Herpetology* 12:136-156.

- Raffaëlli, J. 2007. Les urodèles du monde. Penclen édition. France. 377 pp.
- Raj P, Dinesh KP, Sas A, Dutta SK, Kar NB, and Mohapatra PP. 2018. Two new species of cricket frogs of the genus *Fejervarya* Bolkay, 1915 (Anura: Dicroglossidae) from the Peninsular India. *Records of the Zoological Survey of India* 118: 1–21.
- Rakotoarison A, Crottini A, Mueller J, Roedel M-O, Glaw F, Vences M 2015 Revision and phylogeny of narrow-mouthed treefrogs (Cophyla) from northern Madagascar: integration of molecular, osteological, and bioacoustic data reveals three new species. *Zootaxa* 3937: 61-89.
- 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.
- Rakotoarison, A., M.D. Scherz, F. Glaw & M. Vences (2017): Rediscovery of frogs belonging to the enigmatic microhylid genus *Madecassophryne* in the Anosy Massif, south-eastern Madagascar. – *Salamandra* 53: 507-518.
- Rakotoarison, A., Scherz, M.D., Glaw, F., Kohler, J., Andreone, F., Franzen, M., Glos, J., Hawlitschek, O., Jono, T., Mori, A., Ndriantsoa, S.H., Rasoamampionona-Raminosoa, N., Riemann, J.C., Rodel, M.O., Rosa, G.M., Vieites, D.R., Crottini, A. & Vences, M. (2017). Describing the smaller majority: integrative taxonomy reveals twenty-six new species of tiny microhylid frogs (genus *Stumpffia*) from Madagascar. *Vertebrate Zoology*, 67: 271-398.
- 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.
- Ramírez-Jaramillo, S.M., Reyes-Puig, C., Batallas, D. & Yáñez-Muñoz, M.H. (2018). Ranas terrestres en los ecosistemas surandinos de Ecuador IV: una nueva especie de *Pristimantis* (Anura: Strabomantidae) de los páramos sur del Parque Nacional Sangay. *Avances en Ciencias e Ingenierías*, 10, 1-18.
- Ramos, J. Z. P. 2006. Ecología e biología 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., Wilkinson, J. A and Zhang, M. W. 2006. A new species of the genus *Vibrissaphora* (Anura: Megophryidae) from Yunnan Province, China. *Herpetologica* 62:90-95.
- Rao, D.-Q., and J. A. Wilkinson. 2007. A New Species of *Amolops* (Anura: Ranidae) from Southwest China. *Copeia* 2007:913–919.
- Ravichandran, M. S., D. J. Gower, and M. Wilkinson. 2003. A new species of *Gegeneophis* Peters (Amphibia: Gymnophiona: Caeciliidae) from Maharashtra, India. *Zootaxa* 350: 1–8.
- Razzetti, E., and C. A. Msuya. 2002. Field guide to the amphibians and reptiles of Arusha National Park (Tanzania). Tanapa, Varese.
- 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.
- Reading, C. J., and Jofré, G. M. 2003. Reproduction in the nest building vizcacheras frog *Leptodactylus bufonius* in central Argentina. *Amphibia-Reptilia* 24:415-427.
- 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.
- Renous S (1990) Morphologie crânienne d'un Siphonopidé américain, *Microcaecilian unicolor* (Amphibien, Gymnophione) et interprétation fonctionnelle. *Gegenbaurs Morphol Jahrb* 136: 781–806.
- Reyes-Puig, J. P., C. Reyes-Puig, M. B. Pérez-L., and M. H. Yáñez-Muñoz. 2015. Dos nuevas especies de ranas *Pristimantis* (Craugastoridae) de la cordillera de los Sacha Llanganatis, vertiente oriental de los Andes de Ecuador. *Avances en Ciencias e Ingenierías. Sección B. Quito* 7: 61–74.
- Reyes-Velasco J, Ahumada-Carrillo I, Burkhardt TR, Devitt TJ 2015 Two new species of *Eleutherodactylus* (subgenus *Syrrohophus*) from western Mexico. *Zootaxa* 3914; 301-317.
- 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 LF, Blackburn DC, Stanley EL, Pie MR, Bornschein MR. (2017) Two new species of the *Brachycephalus* pernix group (Anura: Brachycephalidae) from the state of Paraná, southern Brazil. *PeerJ* 5:e3603.
- 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.

- Ribeiro, L.F., Bornschein, M.R., Belmonte-Lopes, R., Firkowski, C.R., Morato, S.A.A. & Pie, M. R. (2015). Seven new microendemic species of *Brachycephalus* (Anura: Brachycephalidae) from Southern Brazil. *PeerJ*, 3: e1011
- Richards, C. M., A. Schiøtz, and A. Schiøtz. 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.
- Richards, S.J. (2007). A new species of *Nyctimystes* (Anura, Hylidae) from Papua New Guinea and comments on poorly-known members of the genus. *Phyllomedusa*, 6, 105-118.
- Richards, S.J., Oliver, P.M. & Brown, R.M. (2015). A new scansorial species of *Platymantis* Günther, 1858 (Anura: Ceratobatrachidae) from Manus Island, Admiralty Archipelago, Papua New Guinea. Pp: 123–134. In: Telnov, D. (Ed.), *Biodiversity, Biogeography and Nature Conservation in Wallacea and New Guinea*. Entomological Society of Latvia/Pensoft, Moscow.
- 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.
- Rivadeneira CD, Venegas PJ, Ron SR (2018) Species limits within the widespread Amazonian treefrog *Dendropsophus parviceps* with descriptions of two new species (Anura, Hylidae). *ZooKeys* 726: 25-77.
- Rivera-Correa M, Daza JM 2016 Molecular phylogenetics of the *Pristimantis lacrimosus* species group (Anura: Craugastoridae) with the description of a new species from Colombia. *Acta Herpetologica* 11: 31-45.
- Rivera-Correa M, García-Burneo K, Grant T. 2016. A new red-eyed of stream treefrog of *Hyloscirtus* (Anura: Hylidae) from Peru, with comments on the taxonomy of the genus. *Zootaxa* 4061: 29-40.
- Rivera-Correa M, Jimenez-Rivillas C, Daza JM (2017). Phylogenetic analysis of the neotropical *Pristimantis leptolophus* species group (Anura: Craugastoridae): molecular approach and description of a new polymorphic species. *Zootaxa* 4242: 313-343.
- Rivera-Correa M, Lamadrid-Feris F, Crawford AJ (2016). A new small golden frog of the genus *Pristimantis* (Anura: Craugastoridae) from an Andean cloud forest of Colombia. *Amphibia-Reptilia* 37: 153–166.
- Rivera-Correa, M., and J. Faivovich. 2013. A New Species of *Hyloscirtus* (Anura: Hylidae) from Colombia, with a Rediagnosis of *Hyloscirtus larinyopygion* (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-Díaz. 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., Araujo-Vieira, K., de Carvalho-e-Silva, S. P. & Avila, R. W. 2017. A new species of *Sphaenorhynchus* (Anura: Hylidae) from Northeastern Brazil. *Herpetologica* 73: 148-161.
- 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 PC, Sena LMFde, Pezzuti TL, Leite FSF, Svartman M, Rosset SD, Baldo D, Garcia PCdeA 2017 A new diploid species belonging to the *Odontophrynus americanus* species group (Anura: Odontophrynidae) from the Espinhaço range, Brazil. *Zootaxa* 4329:327-350.
- 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*. Vol. 1. Amphibians of the West African Savanna. Edition Chimaira.
- Rödel, M.-O. 2007. The identity of *Hylambates hylodes* 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.
- 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., and R. Alonso. 2009. *Eleutherodactylus leberi* (NCN). Clutch size and parental care. *Herpetological Review* 40:204.
- 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.
- Rodríguez, A., Dugo-Cota, A., Montero-Mendieta, S., Gonzalez-Voyer, A., Bosch, R.A., Vences, M., Vilà, C. (2017). Cryptic within cryptic: genetics, morphometrics, and bioacoustics delimitate a new species of *Eleutherodactylus* (Anura: Eleutherodactylidae) from Eastern Cuba. *Zootaxa*, 4221, 501-522.
- Rodriguez, 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.
- Rodriguez, 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, Kansas
- Rodriguez, L.O. & Catenazzi, A. (2017). Four new species of terrestrial-breeding frogs of the genus *Phrynopus* (Anura: Terrarana: Craugastoridae) from Río Abiseo National Park, Peru. *Zootaxa*, 4273, 381-406.
- 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, Burger M, Zassi-Boulou AG, Emmrich M, Penner J, Barej MF 2015 Two new *Phrynobatrachus* species (Amphibia: Anura: Phrynobatrachidae) from the Republic of the Congo. *Zootaxa* 4032: 55-80.
- Roedel, M-O., Kouame, N.G., Doumbia, J. & Sandberger, L. (2011). A new beautiful squeaker frog (Arthroleptidae, Arthroleptis) from West Africa. *Zootaxa*, 3011:16-26.
- 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 pintoii* 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.
- Roithmair, M. E. 1994. Male territoriality and female mate selection in the dart-poison frog *Epipedobates trivittatus* (Dendrobatidae, Anura). *Copeia* 1994:107-115.
- Rojas RR, Chaparro JC, De Carvalho VT, Avila RW, Farias IP, Hrbek T, Gordo M 2016 Uncovering the diversity in the *Amazophrynella minuta* complex: integrative taxonomy reveals a new species of *Amazophrynella* (Anura, Bufonidae) from southern Peru. *ZooKeys* 563: 43-71.
- Rojas-Runjaic FJM, Infante-Rivero EE, Salerno PE, Meza-Joya FL. (2018). A new species of *Hyloscirtus* (Anura, Hylidae) from the Colombian and Venezuelan slopes of Sierra de Perijá, and the phylogeny position of *Hyloscirtus jahni* (Rivero, 1961). *Zootaxa*, 4382, 121-146.
- Rojas-Runjaic FJM, Matta-Pereira ME, and La Marca E. 2018. Unveiling species diversity in collared frogs through morphological and bioacoustic evidence: a new *Mannophryne* (Amphibia, Aromobatidae) from Sierra de Aroa, northwestern Venezuela, and an amended definition and call description of *M. herminae* (Boettger, 1893). *Zootaxa* 4461: 451–476.
- 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.
- Rojas-Zamora, R. R., V. T. de Carvalho, R. W. Ávila, I. P. Farias, M. Gordo, and T. Hrbek. 2015. Two new species of *Amazophrynella* (Amphibia: Anura: Bufonidae) from Loreto, Peru. *Zootaxa* 3946: 79–103.
- Rojas, R.R., Fouquet, A., Ron, S.R., Hernandez-Ruz, E.J., Melo-Sampaio, P.R., Chaparro, J.C., Vogt, R.C., de Carvalho, V.T., Pinheiro, L.C., Avila, R.W., Farias, I.P., Gordo, M. & Hrbek, T. (2018). A Pan-amazonian species delimitation: high species diversity within the genus *Amazophrynella* (Anura: Bufonidae). *PeerJ* 6:e4941
- 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 SR, Caminer MA, Varela-Jaramillo A, Almeida-Reinoso D 2018 A new treefrog from Cordillera del Cóndor with comments on the biogeographic affinity between Cordillera del Cóndor and the Guianan Tepuis (Anura, Hylidae, Hyloscirtus). *ZooKeys* 809: 97–124.
- Ron SR, Duellman WE, Caminer MA, Pazmino D 2018 Advertisement calls and DNA sequences reveal a new species of *Scinax* (Anura: Hylidae) on the Pacific lowlands of Ecuador. *PLoS One*:13(9): e0203169.
- Ron SR, Venegas PJ, Ortega-Andrade HM, Gagliardi-Urrutia G, Salerno P (2016) Systematics of *Ecnomiohyla tuberculosa* with the description of a new species and comments on the taxonomy of *Trachycephalus typhonius* (Anura, Hylidae). *ZooKeys* 630: 115–154.
- 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.
- Ron, S.R., Cannatella, D.C. and Coloma, L.A. 2004. Two new species of *Physalaemus* (Anura: Leptodactylidae) from western Ecuador. *Herpetologica*: 261-275
- 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.
- Rovito SM, Parra-Olea G 2015 Two new species of *Chiropetrotriton* (Caudata: Plethodontidae) from northern Mexico. *Zootaxa* 4048: 57-74.
- Rovito, S. M., C. R. Vásquez-Almazán, T. J. Papenfuss, G. Parra-Olea and D. B. Wake. 2015. Biogeography and evolution of Central American cloud forest salamanders (Caudata: Plethodontidae: *Cryptotriton*), with the description of a new species. *Zoological Journal of the Linnean Society* 175: 150-166.
- Rowley J.J.L., Tran DTA, Le DTT, Dau VQ, Peloso PLV, Nguyen TQ, Hoang HD, Nguyen TT, Ziegler T 2016 Five new, microendemic Asian Leaf-litter Frogs (*Leptolalax*) from the southern Annamite mountains, Vietnam. *Zootaxa* 4085: 63-102.
- Rowley, J. J. L., and R. Altig. 2012. Nidicolous development in *Limnonectes limborgi* (Anura, Dicoglossidae). *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., B. L. Stuart, T. Neang, H. D. Hoang, V. Q. Dau, T. T. Nguyen, and D. A. Emmett. 2015. A new species of *Leptolalax* (Anura: Megophryidae) from Vietnam and Cambodia. *Zootaxa* 4039: 401–417.
- 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.
- Rowley, J.J., Dau, V.Q., Hoang, H.D., Le, D.T.T., Cutajar, T.P. & Nguyen, T.T. (2017). A new species of *Leptolalax* (Anura: Megophryidae) from northern Vietnam. *Zootaxa*, 4243, 544-564.
- Rowley, J.J.L., Dau, V.Q. & Cao, T.T. (2017). A new species of *Leptolalax* (Anura: Megophryidae) from Vietnam. *Zootaxa*, 4273, 61-79.
- Rueda, J.V., Rodríguez, J.V., La Marca, E., Lotters, S., Kahn, T. & Angulo, A. (2005). *Ranas arlequines*. *Conservación Internacional*, Bogotá. 202pp.
- 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.
- Ruiz-Carranza, P.M. and Lynch, J.D. (1991). *Ranas Centrolenidae* de Colombia II: Nuevas especies de *Centrolene* de la Cordillera Oriental y Sierra Nevada de Santa Marta. *Lozania*, (58), 1-26.

- Ruiz-Carranza, P.M. and Lynch, J.D. (1991). Ranas Centrolenidae de Colombia III: Nuevas especies de *Cochranella* del grupo granulosa. *Lozania*, (59), 1-18.
- Ruiz-Carranza, P.M. and Lynch, J.D. (1995). Ranas Centrolenidae de Colombia VIII: Cuatro nuevas especies de *Centrolene* de la Cordillera Central. *Lozania*, (65), 1-16.
- Russell, A.P., Bauer, A.M., Lynch, W. and McKinnon, I., 2000. The amphibians and reptiles of Alberta: a field guide and primer of boreal herpetology. University of Calgary Press.
- 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.
- Ryan, M. 2005. Egg attendance by female frogs in two species of *Eleutherodactylus* from Costa Rica. *Herpetological Review* 36:234-235.
- 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.
- Sabater-Pi, J. 1985. Contribution to the biology of the giant frog (*Conraua goliath*, Boulenger). *Amphibia-Reptilia* 6:143-153.
- 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.
- Saikia B, Sinha B, and Kharkongor IJ. 2017. *Odorrana arunachalensis*: a new species of cascade frog (Anura: Ranidae) from Talle Valley Wildlife Sanctuary, Arunachal Pradesh, India. *Journal of Bioresources* 4: 30–41.
- Salerno, P. E., and G. B. Pauly. 2012. Clutch size variation in egg-brooding *Stefania*. *South American Journal of Herpetology* 7:47-54.
- Salinas, F. V. 2006. Breeding behavior and colonization success of the Cuban treefrog *Osteopilus septentrionalis*. *Herpetologica* 62:398-408.
- Salvador, A. 1996. Amphibians of northwest Africa. *Smithsonian Herpetological Information Service*:1–43.
- San Mauro D, Gower DJ, Müller H, Loader SP, Zardoya R, Nussbaum RA, Wilkinson M (2014) Life-history evolution and mitogenomic phylogeny of caecilian amphibians. *Molecular Phylogenetics and Evolution*, 73 : 177 - 189.
- Sánchez-Nivicela JC, Celi-Piedra E, Posse-Sarmiento V, Urgiles VL, Yáñez-Muñoz M, Cisneros-Heredia DF (2018) A new species of *Pristimantis* (Anura, Craugastoridae) from the Cajas Massif, southern Ecuador. *ZooKeys*, 751, 113-128.
- 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.
- Sandoval-Comte A, Pineda E, Rovito SM, Luria-Manzano R. (2017). A new species of *Isthmura* (Caudata: Plethodontidae) from the montane cloud forest of central Veracruz, Mexico. *Zootaxa* 4277: 573-582.
- Santana DJ, Barros AB, Pontes R, Feio RN 2015 A new species of glassfrog genus *Vitreorana* (Anura, Centrolenidae) from the Cerrado Domain, southeastern Brazil. *Herpetologica* 71: 289-298.
- 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 concavumpanum* 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.
- Sato, T. 1992. Reproductive behavior in the Japanese salamander *Hynobius retardatus*. *Japanese Journal of Herpetology* 14(4): 184-190.
- 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. 1972. The systematic status of *Bufo simus* O. Schmidt with description of a new toad from western Panama. *Journal of Herpetology* 6:25-33.
- 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 *Ecnomihyla* (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 deBiologia* 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 MD, Glaw F, Vences M, Andreone F, Crottini A (2016). Two new species of terrestrial microhylid frogs (Microhylidae: Cophylinae: Rhombophryne) from northeastern Madagascar. *Salamandra* 52: 91-106.
- Scherz MD, Hawlitschek O, Andreone F, Rakotoarison A, Vences M, Glaw F 2017 A review of the taxonomy and osteology of the Rhombophryne serratopalpebrosa species group (Anura: Microhylidae) from Madagascar, with comments on the value of volume rendering of micro-CT data to taxonomists. *Zootaxa* 4273: 301-340.
- Scherz MD, Rakotoarison A, Hawlitschek O, Vences M, Glaw F (2015) Leaping towards a saltatorial lifestyle? An unusually long-legged new species of Rhombophryne (Anura, Microhylidae) from the Sorata massif in northern Madagascar. *Zoosystematics and Evolution* 91(2): 105-114.
- Scherz MD, Rakotoarison A, Ratsoavina FM, Hawlitschek O, Vences M, and Glaw F. 2018. Two new Madagascan frog species of the Gephyromantis (*Duboisimantis*) tandroka complex from northern Madagascar. *Alytes* 36: 130–158.
- Scherz MD, Razafindraibe JH, Rakotoarison A, Dixit NM, Bletz MC, Glaw F, Vences M. 2017. Yet another small brown frog from high altitude on the Marojejy Massif, northeastern Madagascar (Anura: Mantellidae). *Zootaxa* 4347 (3): 572–582.
- Scherz MD, Ruthensteiner B, Vieites DR, Vences M, Glaw F 2015 Two new microhylid frogs of the genus *Rhombophryne* with superciliary spines from the Tsaratanana Massif in northern Madagascar. *Herpetologica* 71: 310-321.

- Scherz MD, Vences M, Borrell J, Ball L, Herizo Nomenjanahary D, Parker D, Rakotondratsima M, Razafimandimby E, Starnes T, Rabearivony J, Glaw F (2017) A new frog species of the subgenus *Asperomantis* (Anura, Mantellidae, Gephyromantis) from the Bealanana District of northern Madagascar. *Zoosystematics and Evolution* 93(2): 451-466.
- 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.
- Scherz, M.D., Hawlitschek, O., Razafindraibe, J.H., Megson, S., Ratsavina, F.M., Rakotoarison, A., Bletz, M.C., Glaw, F. & Vences, M. (2018). A distinctive new frog species (Anura, Mantellidae) supports the biogeographic linkage of two montane rainforest massifs in northern Madagascar. *Zoosystematics and Evolution*, 94, 247-261.
- 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.
- Schiesari, L., Gordo, M., and Hodl, W. 2003. Treeholes as calling, breeding and developmental sites for the Amazonian canopy Frog, *Phrynohyas resinifictrix* (Hylidae). *Copeia* 2003:263-272.
- Schiotz, A. 1975. *The Treefrogs of Eastern Africa*. Steenstrupia, Copenhagen.
- Schiotz, A. 1999. *The Treefrogs of Africa*. Edition Chimaira, Frankfurt.
- Schiotz, A. 2006. Reflections on the *Hyperolius nasutus* group (Anura, Hyperoliidae). *Alytes* 24:61-71.
- Schiotz, 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.
- Schiotz, 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., Kastle, W., and Kabisch, K. (1996). *Amphibians and Reptiles of North Africa*. Koeltz Scientific Publishers, Koenigstein.
- Schleich, H.H. & Kastle, W. 2002. *Amphibians and reptiles of Nepal*. Biology, systematic, field guide. ARG Gantner Verlag, Ruggell.
- 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. 1927. Notes on Chinese Amphibians. *Bulletin of the American Museum of Natural History* 54:553-575.
- 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.
- Schuieler, F. W. 1962. Remarks upon the natural history of *Bufo exsul* Myers, the endemic toad of Deep Springs Valley, Inyo County, California. *Herpetologica* 17:260-266.
- Schulte, R. 1990. Redescubrimiento y Redefinición de *Dendrobates mysteriosus* (Myers 1982) de la Cordillera del Condor. *Boletín 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, Gainesville.

- 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.
- Scott, D. E. (1994). The effect of larval density on adult demographic traits in *Ambystoma opacum*. *Ecology*, 75(5), 1383-1396.
- 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.
- Seidel, B. 1999. Water-wave communication between territorial male *Bombina variegata*. *Journal of Herpetology* 33:457-462.
- 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. & Ayarzagüena, J. (2005). Revision taxonómica de la familia Centrolenidae (Amphibia, Anura) de Venezuela. *Publicaciones del Comité Español del Programa Hombre y Biosfera, UNESCO*. 1-360.
- 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.
- Senevirathne G, Samarawickrama VAMPK, Wijayathilaka N, Manamendra-Arachchi K, Bowatte G, Samarawickrama DRNS, and Meegaskumbura M. 2018. A new frog species from rapidly dwindling cloud forest streams of Sri Lanka—*Lankanectes pera* (Anura, Nyctibatrachidae). *Zootaxa*. 4461: 519–538.
- Serrano-Rojas, S.J., Whitworth, A., Villacampa, J., von May, R., Padial, J.M. & Chaparro, J.C. (2017). A new species of poison-dart frog (Anura: Dendrobatidae) from Manu province, Amazon region of southeastern Peru, with notes on its natural history, bioacoustics, phylogenetics, and recommended conservation status. *Zootaxa*, 4221, 71-94.
- Serre-Collet, F. 2013. *Sur la piste des reptiles et des amphibiens*, Ed Dunod/Muséum national d'Histoire naturelle, France.
- Seshachar, B. R. 1942. The eggs and embryos of *Gegenophis carnosus* Bedd. *Curr. Sci.* 11:439-441.
- Seshadri KS, Singal R, Priti H, Ravikanth G, Vidisha MK, Saurabh S, et al. (2016) *Microhyla laterite* sp. nov., A New Species of *Microhyla* Tschudi, 1838 (Amphibia: Anura: Microhylidae) from a Laterite Rock Formation in South West India. *PLoS ONE* 11(3): e0149727
- 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.
- Shepack A, von May R, Tito A, Catenazzi A (2016) A new species of *Pristimantis* (Amphibia, Anura, Craugastoridae) from the foothills of the Andes in Manu National Park, southeastern Peru. *ZooKeys* 594: 143–164.
- 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.
- Sheridan, J.A. & Stuart, B.L. (2018). Hidden species diversity in *Sylvirana nigrovittata* (Amphibia: Ranidae) highlights the importance of taxonomic revisions in biodiversity conservation. *PLoS One*, 13, e0192766.
- Sherratt E, Gower DJ, Klingenberg CP, Wilkinson M (2014) Evolution of Cranial Shape in Caecilians (Amphibia: Gymnophiona). *Evolutionary Biology*, 41 (4) : 528 - 545.
- Shimada T, Matsui M, Nishikawa K, Eto K 2015 A new species of *Meristogenys* (Anura: Ranidae) from Sarawak, Borneo. *Zoological Science* 32: 474-484.
- 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.
- Shine, R. (1979). Sexual selection and sexual dimorphism in the amphibia. *Copeia*, 1979: 297-306.
- 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.
- Shize Li, Ning Xu, Jing Liu, et al. 2018. A New Species of the Asian Toad Genus *Megophrys* sensu lato (Amphibia: Anura: Megophryidae) from Guizhou Province, China. *Asian Herpetological Research*, 9:224-239.
- Siler, C. D., C. W. Linkem, A. C. Diesmos, and A. C. Alcalá. 2007. A new species of *Platymantis* (Amphibia: Anura: Ranidae) from Panay Island, Philippines. *Herpetologica* 63:351–364.
- Siler, C.D., Diesmos, A.C., Linkem, C.W., Diesmos, M.L. & Brown, R. 2010. A new species of limestone-forest frog, genus *Platymantis* (Amphibia: Anura: Ceratobatrachidae) from central Luzon Island, Philippines. *Zootaxa*, 2482: 49-63.
- Silva, H. R. da, M. C. de Britto-Pereira, and U. Caramaschi. 2003. A new species of *Chthonerpeton* (Amphibia: Gymnophiona: Typhlonectidae) from Bahia, Brazil. *Zootaxa* 381: 1–11.
- Silva, L.A., Dantas, S.P., Santos, D.L., Burati Neto, H., Santana, D.J. 2018. Newly distribution of *Rhinella gildae* Vaz-Silva et al., 2015 (Anura, Bufonidae): a little known species of the *Rhinella margaritifera* species group. *Herpetology Notes*, 11: 121–125.
- Silva, W., Giaretta, A., and Facure, K. 2005. On the natural history of the South American pepper frog, *Leptodactylus labyrinthicus* (Spix, 1824) (Anura: Leptodactylidae). *Journal of Natural History* 39:555–566.
- 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. 1975. A revision of the poison-arrow frogs of the genus *Dendrobates* Wagler. *Natural History Museum of Los Angeles County Science Bulletin* 21:37-40.
- 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. 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., Sturaro M.J., Peloso P.L.V., Lima A.P. (2013). A new diminutive species of *Allobates* Zimmermann and Zimmermann, 1988 (Anura, Aromobatidae) from the northwestern Rio Madeira - Rio Tapajos interfluvium, Amazonas, Brazil. *Zootaxa*, 3609, 251-273.
- Simões PI, Costa JCL, Rojas-Runjaic FJM, Gagliardi-Urrutia G, Sturaro MJ, Peloso PLV, and Castroviejo-Fisher S. 2018. A new species of *Phyzelaphryne* Heyer, 1977 (Anura: Eleutherodactylidae) from the Japurá River basin, with a discussion of the diversity and distribution of the genus. *Zootaxa* 4532: 203-230.
- 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.
- Simoes, P.I. (2016). A new species of nurse-frog (Aromobatidae, *Allobates*) from the Madeira River basin with a small geographic range. *Zootaxa*, 4083, 501-525.
- Simoes, P.I., Gagliardi-Urrutia, G., Rojas-Runjaic, F.J.M. & Castroviejo-Fisher, S. (2018). A new species of nurse-frog (Aromobatidae, *Allobates*) from the Juami River basin, northwestern Brazilian Amazonia. *Zootaxa*, 4387, 109-133.
- 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 Afrotropical 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.
- Sivongxay N, Davankham M, Phimmachak S, Phoumixay K, Stuart BL 2016 A new small-sized *Theloderma* (Anura: Rhacophoridae) from Laos. *Zootaxa* 4147: 433-442.
- Slavenko, A. and S. Meiri. 2015. Mean body sizes of amphibian species are poorly predicted by climate. *Journal of Biogeography* 42:1246–1254.
- Smart U, Sarker GC, Arifin U, Harvey MB, Sidik I, Hamidy A Kurniawan N, Smith EN . (2017). A new genus and two new species of arboreal toads from the highlands of Sumatra with a phylogeny of Sundaland toad genera. *Herpetologica* 73:63-75.
- Smith ML, Noonan BP, and Colston TJ. (2017). The role of climatic and geological events in generating diversity in Ethiopian grass frogs (genus *Ptychadena*). *Royal Society Open Science* 4: 170021.
- 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.
- Smith, M. J., Roberts, J. D., Hammond, T. J., and Davis, R. A. 2003. Intraspecific variation in the advertisement call of the sunset frog *Spicospina flammocaerulea* (Anura : Myobatrachidae): A frog with a limited geographic distribution. *Journal of Herpetology* 37:285-291.
- Smith. H. M. 1950. Handbook of amphibians and reptiles of Kansas. University of Kansas, Museum of Natural History, Miscellaneous Publication 9:1-356.
- 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.
- Solis JM, Espinal MR, Valle RE, O'Reilly CM, Itgen MW, Townsend JH (2016). On the taxonomy of *Oedpina stuarti* (Caudata: Plethodontidae), with description of a new species from suburban Tegucigalpa, Honduras. *Salamandra* 42: 125-133.
- Somaweera, R. (2017). A naturalist's guide to the reptiles & amphibians of Bali. John Beaufoy Publishing, Oxford. 176pp.
- Sorensen, K. (2003). Trapping success and population analysis of *Siren lacertina* and *Amphiuma means*. PhD Dissertation, University of Florida, Florida.
- 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.
- Sparreboom, M. (2014). Salamanders of the Old World. The salamanders of Europe, Asia and Northern Africa. KNNV Publishing, Netherland.
- Spawls, S., Howell, K. and Drewes, R.C., 2006. Pocket guide to the reptiles and amphibians of East Africa. A. & C. Black.
- 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.
- Stebbins, R. C., and Hendrickson, J. R. 1959. Field studies of amphibians in Colombia, South America. University of California Publications in Zoology 56:497-540.
- Stebbins, R.C. & McGinnis, S.M. (2012). Field guide to amphibians and reptiles of California. University of California Press, Berkeley.
- Stebbins, R.C. 2003. A field guide to western reptiles and amphibians. Houghton Mifflin, New York.
- 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.

- Stejneger, L. (1907). Herpetology of Japan and adjacent territory. Bulletin of the United States National Museum, Smithsonian Institution, 58: 1-577.
- Stewart, M. M. 1967. Amphibians of Malawi. State University of New York, Albany.
- 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. 2006. A collection of amphibians and reptiles from Hilly Eastern Cambodia. The Raffles Bulletin of Zoology 54:129-155.
- 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.
- Sugawara H, Watabe T, Yoshikawa T, Nagano M. (2018). Morphological and molecular analyses of *Hynobius dunni* reveal a new species from Shikoku, Japan. Herpetologica, 74, 159-168.
- 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.
- Sung, Y.H., Hu, P., Wang, J. & Wang Y.Y. (2016). A new species of *Amolops* (Anura: Ranidae) from southern China. Zootaxa 4170: 525-538.
- Suwannapoom C, Sumontha M, Tunprasert J, Ruangsuwan T, Pawangkhanant P, Korost DV, Poyarkov NA. (2018) A striking new genus and species of cave-dwelling frog (Amphibia: Anura: Microhylidae: Asterophryinae) from Thailand. PeerJ 6:e4422
- Suwannapoom C, Yuan Z-Y, Poyarkov Jr NA, Yan F, Kamtaeja S, Murphy RW, Che J. 2016. A new species of genus *Fejervarya* (Anura: Dicoglossidae) from northern Thailand. Zoological Science, 37:327-337.
- Suwannapoom, Yuan, Chen, Sullivan, McLeod in Suwannapoom C, Yuan Z-Y, Chen J-M, Hou, Mian, Zhao H-P, Nguyen TS, Nguyen TQ, Murphy RW, Sullivan J, McLeod DS, Che J 2016 Taxonomic revision of the Chinese *Limnonectes* (Anura, Dicoglossidae) with the description of a new species from China and Myanmar. Zootaxa 4093: 181-200.
- Swan, M., and S. Watharow. 2005. Snakes, lizards and frogs of the Victorian Mallee. Csiro publishing.
- Székely P, Cogălniceanu D, Székely D, Páez N, Ron SR 2016 A new species of *Pristimantis* from southern Ecuador (Anura, Craugastoridae). ZooKeys 606: 77–97.
- Székely P, Eguiguren JS, Székely D, Ordóñez-Delgado L, Armijos-Ojeda D, Riofrío-Guamán ML, Cogălniceanu D 2018 A new minute *Pristimantis* (Amphibia: Anura: Strabomantidae) from the Andes of southern Ecuador. PLoSOne 13(8): e0202332.
- 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, Bryant Z, Grant S, Kother G, Feltret Y, Masters N, Strike T, Wilkinson M, Gower DJ (2014) Towards evidence-based husbandry for caecilian amphibians: Substrate preference in *Geotrypetes seraphini* (Amphibia: Gymnophiona: Dermophiidae). *The Herpetological Bulletin*, 129 : 15 - 18.
- Tapley B, Cutajar T, Mahony S, Nguyen CT, Dau VQ, Luong AM, Le DT, Nguyen TT, Nguyen TQ, Portway C, Luong HV, and Rowley JLL. (2018). Two new and potentially highly threatened Megophrys Horned frogs (Amphibia: Megophryidae) from Indochina's highest mountains. *Zootaxa* 4508: 301-333.
- Tapley B, Cutajar T, Mahony S, Nguyen CT, Dau VQ, Nguyen TT, Luong HV, and Rowley JJ. (2017). The Vietnamese population of *Megophrys kuatunensis* (Amphibia: Megophryidae) represents a new species of Asian horned frog from Vietnam and southern China. *Zootaxa* 4344: 465–492.
- 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. Redescrção 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.
- Taucce PPG, Canedo C, and Haddad CFB. 2018. Two new species of *Ischnocnema* (Anura: Brachycephalidae) from southeastern Brazil and their phylogenetic position within the *I. guentheri* series. *Herpetological Monographs* 32: 1–21.
- Taucce PPG, Canedo C, Parreiras JS, Drummond LO, Nogueira-Costa P, and Haddad CFB. 2018. Molecular phylogeny of *Ischnocnema* (Anura: Brachycephalidae) with the redefinition of its series and the description of two new species. *Molecular Phylogenetics and Evolution* 128: 123–146.
- Taylor EH (1968) *The caecilians of the world: a taxonomic review*. Lawrence: University of Kansas Press. 848 p.
- 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. 1955. Additions to the fauna of Costa Rica. *Uni. Kansas Sci. Bull.* 37:499-575.
- Taylor, E. H. 1969. A new caecilian from Brasil. *University of Kansas Science Bulletin* 48: 307–313.
- Taylor, E. H. 1970. A new caecilian from Ethiopia. *University of Kansas Publications*.
- Taylor, E. H. 1970. The lateral-line sensory system in the caecilian family, *Ichthyophiidae* (Amphibia: Gymnophiona). *Uni. Kansas Sci. Bull.* 48:861-868.
- 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. 1973. A caecilian miscellany. *University of Kansas Science Bulletin* 50: 187–231.
- Taylor, E. H., G. K. Noble, and others. 1924. A new genus of discoglossid frogs from the Philippine Islands. *American Museumnovitates* 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.
- Terentev, P. V. & Chernov, S. A. (1965). Key to amphibians and reptiles of the USSR. Israel Programme for Scientific Translations, Jerusalem.
- Tessa, G., Crottini, A., Giacoma, C., Guarino, F.M., Randrianirina, J.E. & Andreone, F. 2017. Comparative longevity and age at sexual maturity in twelve rainforest frogs of the genera *Boophis*, *Gephyromantis*, and *Mantidactylus* (Anura: Mantellidae) from Madagascar. *Phyllomedusa*, 16: 13-21.
- 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.
- Thurrow, G. (1976). Aggression and competition in eastern *Plethodon* (Amphibia, Urodela, Plethodontidae). *Journal of Herpetology*, 10: 277-291.
- Tian, Y, Shun, A, Li, S. 1997. Observation on the reproductive habit of the salamander, *Tylotriton 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.
- Tonini, J.F.R., Forlani, M.C. & de Sá, R.O. (2014). A new species of *Chiasmocleis* (Microhylidae, Gastrophryninae) from the Atlantic Forest of Espírito Santo State, Brazil. *ZooKeys*, 428, 109-113.
- Townsend JH 2016 Taxonomic revision of the moss salamander *Nototriton barbouri* (Schmidt)(Caudata: Plethodontidae), with description of two new species from the Cordillera Nombre de Dios, Honduras. *Zootaxa* 4196: 511-528.

- 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.
- Travers, S.L., Richards, S.J., Broadhead, T.S., Brown, R.M. 2018. A new miniature Melanesian Forest Frog (Ceratobatrachidae: Cornufer) from New Britain Island, constituting the first record of the subgenus *Batrachylodes* from outside of the Solomon Archipelago. *Zootaxa* 4370: 23–44.
- 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.
- Tropical Biology Association. (2009). *Reptiles and Amphibians of Kirindy*. Tropical Biology Association, Madagascar.
- 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. 2000. The reproductive ecology of female *Rana* (*Limnodynastes*) *kuhlii*, a fanged frog of Taiwan, with particular emphasis on multiple clutches. *Herpetologica* 56:153-165.
- 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.
- Turner A, Channing A. 2017. Three new species of *Arthroleptella* Hewitt, 1926 (Anura: Pyxicephalidae) from the Cape Fold Mountains, South Africa. *African Journal of Herpetology*, 66, 53-78.
- 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, Delia J, Castroviejo-Fisher S. (2014). A review of northern Peruvian glassfrogs (Centrolenidae), with the description of four new remarkable species. *Zootaxa* 3851: 1-87.
- 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.
- Ugueto, G. N. & Rivas, G. A. (2010). *Amphibians and reptiles of Margarita, Coche and Cubagua*. Edition Chimaira, Frankfurt.

- Urgiles VL, Posse V, Timbe BA, Astudillo PX, Sanchez-Nivicela JC 2017 A new terrestrial frog (Anura: Craugastoridae) from the montane cloud forests of the southeastern Ecuadorian Andes. *Zootaxa* 4318: 520-530.
- Üzüm, N., A. Avcı, 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.
- Üzüm, 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.
- Valakos, E.D., Pafilis, P., Sotiropoulos, K., Lymberakis, P., Maragou, P. & Foufopoulos, J. (2008). The amphibians and reptiles of Greece. Edition Chimaira, Frankfurt and Main. 463pp
- Valdivieso, D., and J. R. Tamsitt. 1965. Reproduction in a neotropical salamander, *Bolitoglossa adspersa* (Peters). *Herpetologica*:228-236.
- Valencia JH, Dueñas MR, Székely P, Batallas D, Pulluquitín F, Ron SR. 2017. A new species of direct-developing frog of the genus *Pristimantis* (Anura: Terrarana: Craugastoridae) from Cordillera del Cóndor, Ecuador, with comments on threats to the anuran fauna of the region. *Zootaxa* 4353: 447–466.
- Valencia, J., Toral, E., Morales, M., Betancourt, R. y Barahona, A. 2009. Guía de campo de anfibios del Ecuador. Fundación Herpetológica Gustavo Orcés, Simbioe. Maxigraf S. A., Quito 208.
- 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.
- van Winkel, D., Baling, M. & Hitchmough, R. (2018). Reptiles and amphibians of New Zealand. A field guide. Auckland University Press, Auckland.
- 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.
- Vassilieva, A.B., Galoyan, E.A., Poyarkov, N.A. & Geissler, P. (2016). A photographic field guide to the amphibians and reptiles of the lowland monsoon forests of Southern Vietnam. Edition Chimaira, Frankfurt and Main.
- 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, Maciel NM, Andrade SPd, Amaro RC. 2018. A new cryptic species of *Oreobates* (Anura: Craugastoridae) from the seasonally dry tropical forest of central Brazil. *Zootaxa* 4441: 89–108.
- Vaz-Silva W, Maciel NM, Bastos RP, Pombal jr MP 2015 Revealing two new species of the *Rhinella margaritifera* species group (Anura, Bufonidae): an enigmatic taxonomic group of neotropical toads. *Herpetologica* 71: 212-222.
- 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, Hildenbrand A, Warmuth KM, Andreone F, and Glaw F. 2018. A new riparian *Mantidactylus* (*Brygoomantis*) frog from the Tsaratanana and Manongarivo Massifs in northern Madagascar. *Zootaxa* 4486: 575-588.
- Vences M, Jovanovic O, Safarek G, Glaw F, Koehler J. 2015 A new arboreal frog of the genus *Guibemantis* from the southeast of Madagascar (Anura: Mantellidae). *Zootaxa* 4059: 569-580.
- 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 & F. Glaw (2017): A new species of smooth-skinned *Spinomantis* frog (Anura: Mantellidae) from south-eastern Madagascar. – *Zootaxa* 4317: 379-390.
- 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.
- Vences, M., J. Köhler, M. Pabijan, M.C. Bletz, P.-S. Gehring, O. Hawlitschek, A. Rakotoarison, F.M. Ratsoavina, F. Andreone, A. Crottini & F. Glaw (2017): Taxonomy and geographic distribution of Malagasy frogs of the *Gephyromantis asper* clade, with description of a new subgenus and revalidation of *Gephyromantis ceratophrys*. – *Salamandra* 53: 77–98
- Venegas PJ, Barboza AC, de la Riva I, and Padial JM. 2018. A new species of *Phrynopus* from the northeastern Andes of Peru, its phylogenetic position, and notes on the relationships of the *Holoadeninae*. *Zootaxa* 4446: 501–524.
- 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.
- Verrell, P. & Donovan, A. (1991). Male-male aggression in the plethodontid salamander *Desmognathus ochrophaeus*. *Journal of Zoology*, 223: 203-212.
- Verrell, P.A. (1986). Wrestling in the red-spotted newt (*Notophthalmus viridescens*): resource value and contestant asymmetry determine contest duration and outcome. *Animal Behaviour*, 34: 398-402.
- Verrell, P.A. (1989). The sexual strategies of natural populations of newts and salamanders. *Herpetologica*, 45: 265-282.

- 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.
- Vineeth KK, Radhakrishna UK, Godwin RD, Anwesa S, Rajashekhar KP. & Aravind NA. (2018). A new species of *Microhyla Tschudi, 1838* (Anura: Microhylidae) from West Coast of India: an integrative taxonomic approach. *Zootaxa*, 4420, 151-179.
- 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.
- Vörös J, Dias IR, Solé M. (2017). A new species of *Phyllodytes* (Anura: Hylidae) from the Atlantic Rainforest of southern Bahia, Brazil. *Zootaxa* 4337: 584–594.
- 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: Lophiohyliini). *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.
- Wachlewski, M., L. K. Erdtmann, and P. C. de Anchieta 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. 1977a. The reproductive biology of caecilians: an evolutionary perspective Pp. 73-101 in D. H. Taylor and S. I. Guttman, eds. *Reproductive Biology of Amphibians.*, Plenum Press, New York.
- Wake, M. H. 1977b. Fetal maintenance and its evolutionary significance in the Amphibia: Gymnophiona. *J. Herpetol.* 11:379-386.
- Wake, M. H. 1978. The Reproductive Biology of *Eleutherodactylus jasperi* (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. 1992. Reproduction in caecilians. Pp.112–120 in W. C. Hamlett. ed. *Reproductive biology of South American vertebrates*. Springer, New York.
- Wake, M. H. 1993. Evolution of oviductal gestation in amphibians. *J. Exp. Zool.* 266:394-413.
- 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.
- Walker M, Gasparini JL, Haddad CFB (2016). A new polymorphic species of egg-brooding frog of the genus *Fritziana* from southeastern Brazil (Anura: Hemiphraactidae). *Salamandra* 52:221-229.
- Walker M, Wachlewski M, Nogueira-Costa P, Garcia PCA, Haddad CFB (2018). A new species of *Fritziana Mello-Leitao 1937* (Amphibia: Anura: Hemiphraactidae) from the Atlantic Forest, Brazil. *Herpetologica* 74: 329-341.
- Wang C, Qian L, Zhang C, Guo W, Pan T, Wu J, Wang H, Zhang B (2017) A new species of *Rana* from the Dabie Mountains in eastern China (Anura, Ranidae). *ZooKeys* 724: 135-153.

- Wang J, Yang J, Li Y, Lyu Z, Zeng Z, Liu Z, Ye Y, and Wang Y. (2018). Morphology and molecular genetics reveal two new *Leptobranchella* species in southern China (Anura, Megophryidae). *ZooKeys* 776: 105-137.
- Wang J, Zeng Z-C, Lyu Z-T, Liu Z-Y. & Wang Y-Y. (2018). Description of a new species of *Gracixalus* (Amphibia: Anura: Rhacophoridae) from Guangdong Province, southeastern China. *Zootaxa*, 4420, 251-269.
- Wang Y-H, Hsiao Y-W, Lee K-H, Tseng H-Y, Lin Y-P, Komaki S, et al. (2017) Acoustic differentiation and behavioral response reveals cryptic species within *Buergeria* treefrogs (Anura, Rhacophoridae) from Taiwan. *PLoS One* 12: e0184005.
- Wang Y-Y, Lau MW-N, Yang J-H, Chen G-L, Liu Z-Y, Pang H, Liu Y 2015 A new species of the genus *Odorrana* (Amphibia: Ranidae) and the first record of *Odorrana bacboensis* from China. *Zootaxa* 3999: 235-254.
- Wang, J., Liu, Z.Y., Lyu, Z.T., Zeng, Z.C. & Wang, Y.Y. (2017). A new species of the genus *Xenophrys* (Amphibia: Anura: Megophryidae) from an offshore island in Guangdong Province, southeastern China. *Zootaxa*, 4324, 541-556.
- 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 MountJinggang, 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.
- Waser, L.E., Schweizer, M., Haas, A., Das, I., Jankowski, A., Min, P.Y. & Hertwig, S.T. (2017). From a lost world: an integrative phylogenetic analysis of *Ansonia Stoliczka*, 1870 (Lissamphibia: Anura: Bufonidae), with the description of a new species. *Organisms, Diversity & Evolution*, 17, 287-303.
- Wasonga DV, Channing A. (2013). Identification of sand frogs (Anura: Pyxicephalidae: Tomopterns) from Kenya with the descriptions of two new species. *Zootaxa*, 3734, 221-240.
- 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.
- 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 Espírito 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 LJM, Bandara IN, Vidanapaathirana DR, Tennakoon KH, Samarakoon SR, Wickramasinghe N 2015 *Pseudophilautus dilman*, a new species of shrub frog (Amphibia: Anura: Rhacophoridae) from a threatened Habitat Loolkandura in Sri Lanka. *Journal of Threatened Taxa* 7:7089-7110.
- Wickramasinghe LJM, Vidanapathirana DR, Rajeev MDG, Ariyaratne SC, Chanaka AWA, Priyantha LLD, Bandara IN, Wickramasinghe N. (2013). Eight new species of *Pseudophilautus* (Amphibia: Anura: Rhacophoridae) from Sripada World Heritage Site (Peak Wilderness), a local amphibian hotspot in Sri Lanka. *Journal of Threatened Taxa*, 5, 3789-3920.
- 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.
- Wielstra B, Arntzen JW. (2016). Description of a new species of crested newt, previously subsumed in *Triturus ivanbureschi* (Amphibia: Caudata: Salamandridae). *Zootaxa*, 4109, 73-80.
- 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.
- Wijayathilaka N, Garg S, Senevirathne G, Karunarathna, Biju SD, Meegaskumbura M. 2016 A new species of *Microhyla* (Anura: Microhylidae) from Sri Lanka: an integrative taxonomic approach. *Zootaxa* 4066: 331-342.
- Wilbur, H.M. 1977c. Propagule size, number, and dispersion pattern in *Ambystoma* and *Asclepias*. *American Naturalist* 111:43–68.
- Wilbur, H.M., D.I. Rubenstein and L. Fairchild. 1978. Sexual selection in toads: the roles of female choice and male body size. *Evolution* 32:264–270.
- 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 M, Antoniazzi MM, Jared C (2015) A new species of *Microcaecilia* Taylor, 1968 (Amphibia: Gymnophiona: Siphonopidae) from Amazonian Brazil. *Zootaxa*, 3905: 425 - 431.
- Wilkinson M, Malonza PK, Campbell P, Loader SP. (2017). A new species of *Boulengerula* Tornier, 2896 (Amphibia: Gymnophiona: Herpelidae) from Kenya and the "rediscovery" of *Boulengerula denhardtii*. *Zootaxa* 4286: 525-534.
- Wilkinson M, Nussbaum R, Hoogmoed M (2009) A new species of *Microcaecilia* (Amphibia: Gymnophiona: Caeciliidae) from Suriname. *Herpetologica* 65:413-418.
- Wilkinson M, Presswell B, Sherratt E, Papadopoulou A, Gower DJ 2014 A new species of striped *Ichthyophis* Fitzinger, 1826 (Amphibia: Gymnophiona: Ichthyophiidae) from Myanmar. *Zootaxa* 3785: 45-58.
- Wilkinson M, Sherratt E, Starace F, Gower DJ (2013) A New Species of Skin-Feeding Caecilian and the First Report of Reproductive Mode in *Microcaecilia* (Amphibia: Gymnophiona: Siphonopidae). *PLoS ONE* 8(3): e57756.
- 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. & Gower, D. J. 2010. A new species of *Rhinatrema* (Amphibia: Gymnophiona: Rhinatrematidae) from Amazonas, Brazil. *Zootaxa* 2650:63-68.
- Wilkinson, M. & Kok, P. J. R. 2010. A new species of *Microcaecilia* (Amphibia: Gymnophiona: Caeciliidae) from Guyana. *Zootaxa* 2719:35-40.
- Wilkinson, M. & Nussbaum, R. A. 1988. *Ichthyophiidae* Taylor, 1968 (Amphibia: Gymnophiona): proposed conservation. *Bulletin of Zoological Nomenclature* 45:207-209.
- Wilkinson, M. & Nussbaum, R. A. 1988. On the type locality of *Chthonerpeton corrugatum* Taylor (Amphibia: Gymnophiona). *Herpetological Journal* 1: 245-246.
- Wilkinson, M. & Nussbaum, R. A. 1992. Taxonomic status of *Pseudosiphonops ptychodermis* Taylor and *Mimosiphonops vermiculatus* Taylor (Amphibia: Gymnophiona: Caeciliidae), with description of a new species. *Journal of Natural History* 26:675-688.
- Wilkinson, M. & Nussbaum, R. A. 1997. Comparative morphology and evolution of the lungless caecilian *Atretochoana eiselti* (Taylor) (Amphibia: Gymnophiona: Typhlonectidae). *The Biological Journal of the Linnean Society* 62:39-109.
- Wilkinson, M. & Nussbaum, R. A. 1998. Caecilian viviparity and amniote origins. *Journal of Natural History* 32:1403-1409.
- Wilkinson, M. & Nussbaum, R. A. 1999. Evolutionary relationships of the lungless caecilian *Atretochoana eiselti* (Amphibia: Gymnophiona: Typhlonectidae). *Zoological Journal of the Linnean Society* 126:91-123.

- Wilkinson, M. & Nussbaum, R. A. 2006. Caecilian phylogeny and classification. In J.-M. Exbrayat (Ed.) *Reproductive Biology and Phylogeny of Amphibia*, Volume 3. Gymnophiona. Science Publishers Inc. Pp. 39-78.
- Wilkinson, M. 1981. Notes on a caecilian. *Nectocaecilia* sp. *Herpetile* 5:22-25.
- Wilkinson, M. 1983. An introduction to the caecilians. *Herpetile* 8:43-47.
- Wilkinson, M. 1988. The status of *Nectocaecilia cooperi* Taylor, with comments on the genus *Nectocaecilia* Taylor (Amphibia: Gymnophiona). *Journal of Herpetology* 22:119-121.
- Wilkinson, M. 1989. On the status of *Nectocaecilia fasciata* Taylor, with a discussion of the phylogeny of the Typhlonectidae (Amphibia: Gymnophiona). *Herpetologica* 45:23-36.
- Wilkinson, M. 1991. Adult tooth crown morphology in the Typhlonectidae (Amphibia: Gymnophiona): a reinterpretation of variation and its significance. *Zeitschrift für zoologische Systematische und Evolutionsforschung* 29:304-311.
- Wilkinson, M. 1992. Novel modification of the tetrapod cardiovascular system in the West African Caecilian *Herpele squalostoma* (Amphibia: Gymnophiona: Caeciliidae). *Journal of Zoology* 228:277-286.
- Wilkinson, M. 1992. On the life history of the caecilian genus *Uraeotyphlus* (Amphibia: Gymnophiona). *Herpetological Journal* 2:121-124.
- Wilkinson, M. 1992. The phylogenetic position of the Rhinatrematidae (Amphibia: Gymnophiona): evidence from the larval lateral line system. *Amphibia-Reptilia* 13: 74-79.
- Wilkinson, M. 1996. Resolution of the taxonomic status of *Nectocaecilia haydee* (Roze) and a key to the genera of the Typhlonectidae (Amphibia: Gymnophiona). *Journal of Herpetology* 30:413-415.
- Wilkinson, M. 1996. The heart and aortic arches of rhinatrematid caecilians (Amphibia: Gymnophiona). *The Zoological Journal of the Linnean Society* 118:135-150.
- Wilkinson, M. 1996. The taxonomic status of *Typhlonectes venezuelense* Fuhrmann (Amphibia: Gymnophiona: Typhlonectidae). *The Herpetological Journal* 6:30-31.
- Wilkinson, M. 1997. Characters, congruence and quality: a study of neuroanatomical and traditional data in caecilian phylogeny. *Biological Reviews* 72:423-470.
- Wilkinson, M., Sebben, A., Schwartz, E. N. F. & Schwartz, C. 1998. The largest lungless tetrapod: report on a second specimen of the lungless caecilian *Atretochoana eiselti* (Amphibia: Gymnophiona: Typhlonectidae) from Brazil. *Journal of Natural History* 32:617-627.
- Wilkinson, M., Gower, D. J., Govindappa, V. & Venkatachalaiah. 2007. A new species of *Ichthyophis* (Amphibia: Gymnophiona: Ichthyophiidae) from Karnataka, India. *Herpetologica* 63:511-518.
- Wilkinson, M., Kupfer, A., Marques-Porto, R., Jeffkins, H., Antoniazzi, M. M., Jared, C. 2008. One hundred million years of skin feeding? Extended parental care in a Neotropical caecilian (Amphibia: Gymnophiona). *Biology Letters* 4:358-361.
- Wilkinson, M., Loader, S. P., Gower, D. J., Sheps, J. A. & Cohen, B. L. 2003. Phylogenetic relationships of African caecilians (Amphibia: Gymnophiona): insights from mitochondrial rRNA gene sequences. *African Journal of Herpetology* 52:83-92.
- Wilkinson, M., Loader, S. P., Müller, H. & Gower, D. J. 2004. Taxonomic status and phylogenetic relationships of *Boulengerula denhardti* Nieden, 1912 (Amphibia: Gymnophiona: Caeciliidae). *Mitteilungen Mus. Natkd. Berlin, Zoologische Reihe*, 80:41-51.
- Wilkinson, M., McInerney, J. O., Hirt, R. P., Foster, P. & Embley, T. M. 2007. Of clades and clans: terms for relationships in unrooted trees. *Trends in Evolution and Ecology* 22:114-115.
- Wilkinson, M., R. A. Nussbaum, and M. S. Hoogmoed. (2010). A new species of *Microcaecilia* (Amphibia: Gymnophiona: Caeciliidae) from Suriname. *Herpetologica* 65: 413-418.
- Wilkinson, M., Richardson, M. K., Gower, D. J. & Oommen, O. V. 2002. Extended embryo retention, caecilian oviparity and amniote origins. *Journal of Natural History* 36:2185-2198.
- Wilkinson, M., San Mauro, D., Sherratt, E, & Gower, D. J. 2011. A nine-family classification of caecilian amphibians. *Zootaxa* 2874:41-64.
- Wilkinson, M., Varghese, S. & Oommen, O. V. 2000. Caecilians of Kerala. *Biodiversity India* 8-12:14.
- Wilkinson, M., Müller, H. & Gower, D. J. 2003. On *Herpele multiplicata* (Amphibia: Gymnophiona: Caeciliidae). *African Journal of Herpetology* 52: 119-122.
- 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 (*Ptilohyla 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.
- Wolterstorff, W. 1915. Bemerkungen zu der Mitteilung von Dr. Heinroth über die Geburt von *Typhlonectes natans* I. G. Fisher im Aquarium. *Blätt. f. Aquarien- und Terrarienk.* 26:35.
- Wood, P.L., Grismer, L.L., Ahmad, N. & Senawi, J. (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.
- Wostl, E., Riyanto, A., Hamidy, A., Kurniawan, N., Smith, E.N. & Harvey, M.B. (2017). A taxonomic Revision of the *Philautus* (Anura: Rhacophoridae) of Sumatra with the description of four new species. *Herpetological Monographs*, 31, 70-113.
- Wray KP, Means DB, Steppan SJ. 2017. Revision of the *Eurycea quadridigitata* (Holbrook 1842) complex of dwarf salamanders (Caudata: Plethodontidae: Hemidactyliinae) with a description of two new species. *Herpetological Monographs* 31:18-46.
- Wright, A. H. (2002). Life-histories of the frogs of Okefinokee Swamp, Georgia. North American Salientia (Anura). Cornell University Press, New York. 509pp.
- Wright, A. H., and A. A. Wright. 1949. *Handbook of Frogs and Toads of the United States and Canada*. Comstock Publishing Company, Inc., Ithaca, New York.
- Wu S-P, Huang C-C, Tsai C-L, Lin T-E, Jhang J-J, Wu S-H (2016) Systematic revision of the Taiwanese genus *Kurixalus* members with a description of two new endemic species (Anura, Rhacophoridae). *ZooKeys* 557: 121–153.
- 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.
- Yan, F., Jiang, K., Wang, K., Jin, J.Q., Suwannapoom, C., Li, C., Vindum, J.V., Brown, R.M. & Che, J. (2016). The Australasian frog family *Ceratobatrachidae* in China, Myanmar and Thailand: discovery of a new Himalayan forest frog clade. *Zoological Research*, 37, 7-14.
- 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.
- Yáñez-Muñoz, M.H., Reyes-Puig, C., Bejarano-Muñoz, P. & Ron, S.R. (2015). Otra nueva especie de rana *Pristimantis* (Anura: Terrarana) de las estribaciones occidentales del Volcán Pichincha, Ecuador. *Avances en Ciencias e Ingenierías*, 7, B52-B60.
- Yáñez-Muñoz, M.H., Sánchez-Nivicela, J.C. & Reyes-Puig, C. (2016). Tres nuevas especies de ranas terrestres *Pristimantis* (Anura: Craugastoridae) de la Provincia de El Oro, Ecuador. *Avances en Ciencias e Ingenierías*, 8, 5-25.
- Yang J-H, Rao D-Q, Wang Y-Y 2015 A new species of the genus *Liuxalus* (Anura: Rhacophoridae) from southern China. *Zootaxa* 3990: 247-258.
- Yang J-H, Wang J, Wang Y-Y. 2018. A new species of the genus *Megophrys* (Anura: Megophryidae) from Yunnan Province, China. *Zootaxa* 4413: 325–338.
- Yang J-H, Wang Y-Y, Chan BP-L 2016 A new species of the genus *Leptobrachium* (Anura: Megophryidae) from the Gaoligongshan Mountain Range, China. *Zootaxa* 4150:133-148.

- Yang J-H, Wang Y-Y, Chen G-L, Rao D-Q 2016 A new species of the genus *Leptolalax* (Anura: Megophryidae) from Mt. Gaoligongshan of western Yunnan Province, China. *Zootaxa* 4088: 379-394.
- Yang J, Zeng Z, Wang Y. (2018) Description of two new sympatric species of the genus *Leptolalax* (Anura: Megophryidae) from western Yunnan of China. *PeerJ* 6:e4586
- Yang, J., and B. P.-L. Chan. 2018. A new phytotelm-breeding treefrog of the genus *Nasutixalus* (Rhacophoridae) from western Yunnan of China. *Zootaxa* 4388: 191–206.
- Yap, C. H., and I. Jaafar. 2011. Stomach Content Analysis of Tropical Forest Toads *Ingerophrynus parvus* and *Phrynomides 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.
- Young, M.T., 2011. *The Guide to Colorado Reptiles and Amphibians*. Fulcrum Publishing.
- Yu, B. G., and R. Q. Zheng. 2009. The advertisement call of the giant spiny frog *Paa spinosa*. *Current Zoology* 55:411-415.
- Yu, G.-h., J.-s. Wang, M. Hou, D.-q. Rao, and J.-x. Yang. 2017. A new species of the genus *Kurixalus* from Yunnan, China (Anura, Rhacophoridae). *ZooKeys* 694: 71–93.
- Yu, G., Hu, H., Rao, D. & Yang, J. (2018). A new species of *Kurixalus* from western Yunnan, China (Anura, Rhacophoridae). *ZooKeys* 770: 211-226.
- 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 Z-Y, Zhang B-L, Che J 2016 A new species of the genus *Pachytiton* (Caudata: Salamandridae) from Hunan and Guangxi, southeastern China. *Zootaxa* 4085: 219-232.
- Yuan Z, Jin J, Li J, Stuart BL, and Wu J. 2018. A new species of cascade frog (Amphibia: Ranidae) in the *Amolops monticola* group from China. *Zootaxa*: 4415: 498-512.
- Yuan Z, Wu Y, Zhou J, Che J (2016). A new species of the genus *Paramesotriton* (Caudata: Salamandridae) from Fujian, southeastern China. *Zootaxa* 4205: 549-563.
- 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, Cyriac VP, Chandramohan B, Ansil BR, Mathew JK, Raiu DV, Abraham RK 2016 Two new species of *Raorchestes* (Anura: Rhacophoridae) from the Silent Valley National Park in the Nilgiri Hills of the Western Ghats, India. *Salamandra* 52: 63 - 76.
- Zachariah, A., Dinesh, K.P., Kunhikrishnan, E., Das, S., Raju, D.V., Radhakrishnan, C., Palot, M. J. & Kalesh, S. (2011). Nine new species of frogs of the genus *Raorchestes* (Amphibia: Anura: Rhacophoridae) from southern Western Ghats, India. *Biosystematica*, 5: 25-48.
- 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 Anfibios 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.
- Zeng, Z.C., Zhao, J., Chen, C.Q., Chen, G.L., Zhang, Z., Wang, Y.Y. (2017). A new species of the genus *Gracixalus* (Amphibia: Anura: Rhacophoridae) from Mount Jinggang, southeastern China. *Zootaxa*, 4250, 171-185.
- Zhang M, Fei L, Ye C, Wang Y, Wang B, Jiang J. 2018. A new species of genus *Microhyla* (Amphibia: Anura: Microhylidae) from Zhejiang Province, China. *Asian Herpetological Research* 9: 135-148.
- 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.
- Zhang, Y., Li, G., Xiao, N., Li, J., Pan, T., Wang, H., Zhang, B. & Zhou, J. 2017. A new species of the genus *Xenophrys* (Amphibia: Anura: Megophryidae) from Libo Country, Guizhou, China. *Asian Herpetological Research*, 8.
- Zhao H, Yang J, Wang C, Li P, Murphy RW, Che J, Yuan Z (2017) A new species of the genus *Rana* from Henan, central China (Anura, Ranidae). *ZooKeys* 694: 95-108.
- 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.
- Zimmerer, E.J., Snyder, D.H., Scott, A.F. and Frymire, D.F., 2016. *Amphibians and reptiles of Land Between the Lakes*. University Press of Kentucky.
- 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 *Phyllobates 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.
- Zug G. R. (2015) Morphology and Systematics of *Kalophrynus interlineatus-pleurostigma* populations (Anura: Microhylidae: Kalophryninae) and a taxonomy of the genus *Kalophrynus* Tschudi, Asian Sticky Frogs. *Proceedings of the California Academy of Sciences* 62:135–190.
- Zug, G. R. (2013). *Reptiles and amphibians of the Pacific Islands*. University of California Press, Berkeley.
- Zweifel, R. G. (2003). A new species of microhylid frog, genus *Oreophryne*, from Papua New Guinea. *American Museum Novitates*, 3419: 1-8.
- 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., 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., Cogger, H. G. & Richards, S. J. (2005). Systematics of microhylid frogs, genus *Oreophryne*, living at high elevations in New Guinea. *American Museum Novitates*, 3495: 1-25.
- 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. M. Van Deusen, and others. 1972. A review of the frog genus *Lechrionus* (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.
- 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, 1-130.