

2019 Journal Publications

January

Akat, E. (2019). **Histological and histochemical study on the mesonephric kidney of *Pelophylaxbedriagae* (Anura: Ranidae)**. *Turkish Journal of Zoology*, 43, pp.224-228.

<http://journals.tubitak.gov.tr/zoology/issues/zoo-19-43-2/zoo-43-2-8-1807-24.pdf>

Araujo-Vieira, K. Blotto, B. L. Caramaschi, U. Haddad, C. F. B. Faivovich, J. Grant, T. (2019). **A total evidence analysis of the phylogeny of hatchet-faced treefrogs (Anura: Hylidae: Sphaenorhynchus)**. *Cladistics*, Online, pp.1–18.

https://www.researchgate.net/publication/330509192_A_total_evidence_analysis_of_the_phylogeny_of_hatchet-faced_treefrogs_Anura_Hylidae_Sphaenorhynchus

Ayala, C. Ramos, A. Merlo, Á. Zambrano, L. (2019). **Microhabitat selection of axolotls, *Ambystoma mexicanum*, in artificial and natural aquatic systems**. *Hydrobiologia*, 828(1), pp.11-20.

<https://link.springer.com/article/10.1007/s10750-018-3792-8>

Bélouard, N. Petit, E. J. Huteau, D. Oger, A. Paillisson, J-M. (2019). **Fins are relevant non-lethal surrogates for muscle to measure stable isotopes in amphibians**. *Knowledge & Management of Aquatic Ecosystems*, 420.

<https://www.kmae-journal.org/articles/kmae/pdf/2019/01/kmae180087.pdf>

Bernabò, I. Brunelli, E. (2019). **Comparative morphological analysis during larval development of three syntopic newt species (Urodela: Salamandridae)**. *The European Zoological Journal*, 86(1), pp.38-53.

<https://www.tandfonline.com/doi/full/10.1080/24750263.2019.1568599>

Berman, D. Bulakhova, N. Meshcheryakova, E. (2019). **The Siberian wood frog survives for months underwater without oxygen**. *Scientific Reports*, 9, pp.1-7

<https://www.nature.com/articles/s41598-018-31974-6.pdf>

Bignotte-Giró, I. Fong G, A. López-Iborra, G. M. (2019). **Acoustic niche partitioning in five Cuban frogs of the genus *Eleutherodactylus***. *Amphibia Reptilia*,(40)1.

https://brill.com/abstract/journals/amre/40/1/article-p1_1.xml

Boissinot, A. Besnard, A. Lourdais, O. (2019). **Amphibian diversity in farmlands: Combined influences of breeding-site and landscape attributes in western France.** *Agriculture, Ecosystems & Environment* 269, pp.51-61.

<https://www.sciencedirect.com/science/article/pii/S0167880918303979>

Borges, R. E. de Souza Santos, L. R. Assis, R. A. Benvindo-Souza, M. (2019). **Monitoring the morphological integrity of neotropical anurans.** *Environmental Science and Pollution Research*, 26(3), pp. 2623–2634.

<https://link.springer.com/article/10.1007/s11356-018-3779-z>

Borteiro, C. Kolenc, F. Verdes, J. M. Debat, C. M. Ubilla, M. (2019). **Sensitivity of histology for the detection of the amphibian chytrid fungus *Batrachochytrium dendrobatidis*.** *Journal of Veterinary Diagnostic Investigation*, 01/19/2019, p.104063871881611

<https://journals.sagepub.com/doi/abs/10.1177/1040638718816116>

Bozzuto, C. Canessa, S. (2019). **Impact of seasonal cycles on host-pathogen dynamics and disease mitigation for *Batrachochytrium salamandrivorans*.** *Global Ecology and Conservation* 17. e00551

<https://reader.elsevier.com/reader/sd/pii/S235198941830372X?token=BF6734F28C484FED8FCDE382A5FFFA65F3FE50162EEAE0DA61270ECD79777E12E235E6978C39E86A8023B2EBEB5F48E1>

Brod, S. Brookes, L. Garner, T. W. J. (2019). **Discussing the future of amphibians in research.** *Lab animal*. 48(1), pp.16-18.

<https://www.nature.com/articles/s41684-018-0193-6>

Brown, T. A. Fraker, M. E. Ludsin, S. A. (2019). **Space Use of Predatory Larval Dragonflies and Tadpole Prey in Response to Chemical Cues of Predation.** *The American Midland Naturalist; Notre Dame* 181(1) pp.53-62.

<https://bioone.org/journals/The-American-Midland-Naturalist/volume-181/issue-1/0003-0031-181.1.53/Space-Use-of-Predatory-Larval-Dragonflies-and-Tadpole-Prey-in/10.1674/0003-0031-181.1.53.short>

Cabrera-Guzmán, E. Díaz-Paniagua, C. Gomez-Mestre, I. (2019). **Invasive mosquitofish (*Gambusia holbrooki*) affect egg-laying and behaviour of Spanish pygmy newts (*Triturus pygmaeus*).** *Amphibia Reptilia* 40(1).

https://www.researchgate.net/profile/Elisa_Cabrera-Guzman/publication/327896640_Invasive_mosquitofish_Gambusia_holbrooki_affect_egg-

[laying and behaviour of Spanish pygmy newts Triturus pygmaeus/links/5c4c9db6458515a4c7424df8/Invasive-mosquitofish-Gambusia-holbrooki-affect-egg-laying-and-behaviour-of-Spanish-pygmy-newts-Triturus-pygmaeus.pdf](https://www.researchgate.net/publication/327835846/links/5c4c9db6458515a4c7424df8/Invasive-mosquitofish-Gambusia-holbrooki-affect-egg-laying-and-behaviour-of-Spanish-pygmy-newts-Triturus-pygmaeus.pdf)

Calatayud, N. Curtis, M. Durrant, B. (2019). **103 Hormonal stimulation and post-breeding sperm induction in the mountain yellow-legged frog, Rana muscosa.** *Reproduction, Fertility and Development*, 31(1), p.177.

<https://www.publish.csiro.au/RD/fulltext/RDv31n1Ab103>

Campbell, L. Bower, D. S. Clulow, S. Stockwell, M. Clulow, J. Mahony, M. (2019). **Interaction between temperature and sublethal infection with the amphibian chytrid fungus impacts a susceptible frog species.** *Scientific Reports*, 9.

<https://www.nature.com/articles/s41598-018-35874-7>

Castro, D. Rodrigues, J. Borges-Leite, M. Lima, D. Borges-Nojosa, D. (2019). **Anuran diversity indicates that Caatinga relictual Neotropical forests are more related to the Atlantic Forest than to the Amazon.** *PeerJ*, Online.

https://peerj.com/articles/6208/?utm_source=TrendMD&utm_campaign=PeerJ_TrendMD_1&utm_medium=TrendMD

Cayuela, H. Schmidt, B. R. Weinbach, A. Besnard, A. Joly, P. (2019). **Multiple density-dependent processes shape the dynamics of a spatially structured amphibian population.** *The Journal of Animal Ecology*, 88(1), pp.164-177.

<https://besjournals.onlinelibrary.wiley.com/doi/10.1111/1365-2656.12906>

Chang, Y.-H. Chuang, T.-F. (2019). **A pilot study of river design for slope stability and frog ecology.** *Landscape and Ecological Engineering*, 15(1), pp. 51–61.

https://www.researchgate.net/publication/327835846_A_pilot_study_of_river_design_for_slope_stability_and_frog_ecology

Chen, G.-Y. Wang, B. Liu, J.-Y. Jiang, J.-P. Gao, P. (2019). **Population genetic diversity of an odorous frog Odorrana graham (Amphibia: Anura: Ranidae) in relation to conservation based on mitochondrial DNA.** *Mitochondrial DNA Part B*, 4(1) pp.1-5.

<https://www.tandfonline.com/doi/pdf/10.1080/23802359.2018.1536455?needAccess=true>

Chuang, M.-F. Borzée, A. Kam, Y.-C. (2019). **Attendance to egg clutches by male Kurixalus eiffingeri increases hatching success and decreases predation by invasive slugs (Parmarion martensi) in Taiwan.** *Ethology*, 125(1), pp.40-46.

[https://www.researchgate.net/publication/328417987 Attendance to egg clutches by male Kurixalus eiffingeri increases hatching success and decreases predation by invasive slugs Parmari on martensi in Taiwan](https://www.researchgate.net/publication/328417987_Attendance_to_egg_clutches_by_male_Kurixalus_eiffingeri_increases_hatching_success_and_decreases_predation_by_invasive_slugs_Parmari_on_martensi_in_Taiwan)

Chuliver, M. Scanferla, A. (2019). **Morphology and postnatal ontogeny of the dentition of Chthonerpeton indistinctum (Gymnophiona: Typhlonectidae)**. *Amphibia Reptilia*, Advance Articles.

<https://brill.com/view/journals/amre/aop/article-10.1163-15685381-20181145.xml>

Çiçek, K. Yakın, B. Y. Afsar, M. Ayaz, D. Tok, C. V. (2019) **Some records of Caucasian Parsley Frog and Caucasian Salamander from Eastern Blacksea Region, Turkey**. *Acta Biologica Turcica* 32(1): 37-41, 2019 32(1).

<http://actabiologicturcica.com/index.php/abt/article/view/796>

Curi, L. Peltzer, P. Sandoval, M. Lajmanovich, R. (2019). **Acute Toxicity and Sublethal Effects Caused by a Commercial Herbicide Formulated with 2,4-D on Physalaemus albonotatus Tadpoles**. *Water, Air, & Soil Pollution*, 230(1), pp.1-15.

[https://www.researchgate.net/profile/Lucila_Curi/publication/330286439 Acute Toxicity and Sublethal Effects Caused by a Commercial Herbicide Formulated with 24-D on Physalaemus albonotatus Tadpoles/links/5c3e34c792851c22a378554a/Acute-Toxicity-and-Sublethal-Effects-Caused-by-a-Commercial-Herbicide-Formulated-with-2-4-D-on-Physalaemus-albonotatus-Tadpoles.pdf](https://www.researchgate.net/profile/Lucila_Curi/publication/330286439_Acute_Toxicity_and_Sublethal_Effects_Caused_by_a_Commercial_Herbicide_Formulated_with_24-D_on_Physalaemus_albonotatus_Tadpoles/links/5c3e34c792851c22a378554a/Acute-Toxicity-and-Sublethal-Effects-Caused-by-a-Commercial-Herbicide-Formulated-with-2-4-D-on-Physalaemus-albonotatus-Tadpoles.pdf)

Davies, S. J. Hill, M. P. McGeoch, M. A. Clusella-Trullas, S. (2019). **Niche shift and resource supplementation facilitate an amphibian range expansion**. *Diversity and Distributions*, 25(1), pp.154-165.

<https://onlinelibrary.wiley.com/doi/full/10.1111/ddi.12841>

Davis, R. A. Lohr, C. A. Roberts, J. D. (2019). **Frog survival and population variability in an agricultural landscape with a drying climate**. *Population Ecology*, 61, pp.102-112.

<https://onlinelibrary.wiley.com/doi/pdf/10.1002/1438-390X.1001>

De Bastiani, V. Boschetti, J. Dos Santos, T. Lucas, E. (2019). **Tadpole of Pithecopus rusticus (Bruschi, Lucas, Garcia & Recco-Pimentel, 2014) (Anura, Phyllomedusidae): description of external morphology and natural history notes of a microendemic species**. *Biota Neotropica*, 19(1), pp.1-7.

<http://www.scielo.br/pdf/bn/v19n1/1676-0611-bn-19-01-e20180570.pdf>

De Luna-Dias, C. De Carvalho-E-Silva, S. P. (2019). **Calls of Boanalatistriata (Caramaschi & Cruz, 2004) (Amphibia, Anura, Hylidae), an endemic tree frog from the State of Minas Gerais, Brazil**. *ZooKeys*, 820, pp.83-94.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6363717/>

Demori, I. Rashed, Z. E. Corradino, V. Catalano, A. Rovegno, L. Queirolo, L. Salvidio, S. Biggi, E. Zanotti-Russo, M. Canesi, L. Catenazzi, A. Grasselli, E. (2019). **Peptides for Skin Protection and Healing in Amphibians**. *Molecules (Basel, Switzerland)*, 24(2).

<https://www.mdpi.com/1420-3049/24/2/347/htm>

Do Amaral, D. F. Montalvão, M. F. Mendes, B. Araújo, A. P. Rodrigues, A. S. Malafaia, G. (2019). **Sub-lethal effects induced by a mixture of different pharmaceutical drugs in predicted environmentally relevant concentrations on *Lithobates catesbeianus* (Shaw, 1802) (Anura, ranidae) tadpoles**. *Environmental Science and Pollution Research*, 26(1), pp. 600–616.

<https://www.ncbi.nlm.nih.gov/pubmed/30411290>

Dubey, S. Lavanchy, G. Thiébaud, J. Dufresnes, C. (2019). **Herps without borders: a new newt case and a review of transalpine alien introductions in western Europe**. *Amphibia Reptilia* 40(1).

https://brill.com/view/journals/amre/40/1/article-p13_2.xml

Ellison, S. Knapp, R. A. Sparagon, W. Swei, A. Vredenburg, V. T. (2019). **Reduced skin bacterial diversity correlates with increased pathogen infection intensity in an endangered amphibian host**. *Molecular Ecology*, 28(1), p.127(14).

<https://onlinelibrary.wiley.com/doi/full/10.1111/mec.14964>

Enriquez-Urzelai, U. Sacco, M. Palacio, A. S. Pintanel, P. Tejedo, M. Nicieza, A. G. (2019). **Ontogenetic reduction in thermal tolerance is not alleviated by earlier developmental acclimation in *Rana temporaria***. *Oecologia*, Online, pp. 1–10.

https://www.researchgate.net/publication/330703972_Ontogenetic_reduction_in_thermal_tolerance_is_not_alleviated_by_earlier_developmental_acclimation_in_Rana_temporaria

Freire, J. R. Thomassen, H. Rocha, P. C. Leite, F. S. F. (2019). **Almost a hundred years later, the advertisement call of *Aparasphenodon brunoi* Miranda-Ribeiro 1920 (Anura: Hylidae) from the Atlantic Forest**. *Zootaxa* 4550(3):428.

https://www.researchgate.net/profile/Pedro_Rocha21/publication/330636310_Almost_a_hundred_years_later_the_advertisement_call_of_Aparasphenodon_brunoi_Miranda-Ribeiro_1920_Anura_Hylidae_from_the_Atlantic_Forest/links/5c4f747e92851c22a397d315/Almost-a-hundred-years-later-the-advertisement-call-of-Aparasphenodon-brunoi-Miranda-Ribeiro-1920-Anura-Hylidae-from-the-Atlantic-Forest.pdf

Fu, L. Yin, J. Shi, Y.-B. (2019). **Involvement of epigenetic modifications in thyroid hormone-dependent formation of adult intestinal stem cells during amphibian metamorphosis**. (Report). *General and Comparative Endocrinology*, 271, p.91.

<https://www.sciencedirect.com/science/article/pii/S0016648018305185>

Fuma, S. Soeda, H. Ihara, S. Matsui, K. Kawaguchi, I. Ishikawa, T. Kubota, Y. Watanabe, Y. Aono, T. (2019). **Effects of chronic γ -irradiation on growth and sexual maturation of the Tohoku hynobiid salamander, *Hynobius lichenatus*.** *Journal of Environmental Radioactivity*, 196, pp.98-103.

<https://www.sciencedirect.com/science/article/pii/S0265931X18304302>

Giaretta, A. A. da Silva, W. R. Facure, K. G. (2019). **Oviposition site selection in two basin-digging *Leptodactylus Fitzinger, 1826 (Anura)*.** *Tropical Zoology*, 32(1), pp.10-18.

<https://www.tandfonline.com/doi/full/10.1080/03946975.2018.1542246>

Glinski, D. Purucker, S. Van Meter, R. Black, M. Henderson, W. (2019). **Endogenous and exogenous biomarker analysis in terrestrial phase amphibians (*Lithobates sphenoccephala*) following dermal exposure to pesticide mixtures.** *Environmental chemistry (Online)*, 16(1), pp.55-67.

<http://www.publish.csiro.au/EN/EN18163>

Gobel, N. Laufer, G. Cortizas, S. (2019). **Changes in aquatic communities recently invaded by a top predator: evidence of American bullfrogs in Aceguá, Uruguay.** *Aquatic Sciences*, 81(8), pp.1-11.

<https://link.springer.com/article/10.1007/s00027-018-0604-1>

Goldberg, S. R. Bursey, C. R. Brown, R. M. Siler, C. D. (2019). **Gastrointestinal Helminths from Three Species of *Limnonectes (Anura: Dicroglossidae)* from the Philippines.** *Pacific Science*, 73(1), pp.177-186.

https://www.researchgate.net/publication/330640096_Gastrointestinal_Helminths_from_Three_Species_of_Limnonectes_Anura_Dicroglossidae_from_the_Philippines

Grafe, T. U. Ahmad Sah, H. H. Ahmad, N. Borkent, A. Meuche, I. Konopik, O. (2019). **Studying the sensory ecology of frog-biting midges (*Corethrellidae: Diptera*) and their frog hosts using ecological interaction networks.** *Journal of Zoology*, 307(1), p.17(11).

<https://zslpublications.onlinelibrary.wiley.com/doi/pdf/10.1111/jzo.12612>

Gould, W. R. Ray, A. M. Bailey, L. L. Thoma, D. Daley, R. Legg, K. G. (2019). **Multistate occupancy modeling improves understanding of amphibian breeding dynamics in the Greater Yellowstone Area.** *Ecological applications*, 29(1), p.e01825

<https://www.ncbi.nlm.nih.gov/pubmed/30403314>

Gouveia, S. F. Bovo, R. P. Rubalcaba, J. G. Da Silva, F. R. Maciel, N. M. Andrade, D. V. Martinez, P. A. (2019). **Biophysical Modeling of Water Economy Can Explain Geographic Gradient of Body Size in Anurans.** *The American Naturalist*, 193(1), pp.51-58.

<https://www.ncbi.nlm.nih.gov/pubmed/30624109>

Guedes, J. J. M. de Assis, C. L. Novaes, C. M. Dergam, J. A. Feio, R. N. (2019). **Filling knowledge gaps about the 'Data Deficient' species *Zachaenus carvalhoi* Izecksohn, 1983 (Anura, Cycloramphidae): an endemic frog from the Atlantic Forest of southeastern Brazil.** *Herpetology Notes*, 12, 113-204.

https://www.researchgate.net/profile/Jhonny_Guedes/publication/330442249_Filling_knowledge_gaps_about_the_Data_Deficient_species_Zachaenus_carvalhoi_Izecksohn_1982_Anura_Cycloramphidae_an_endemic_frog_from_the_Atlantic_Forest_of_southeastern_Brazil/links/5c40ced9299bf12be3cf3ef0/Filling-knowledge-gaps-about-the-Data-Deficient-species-Zachaenus-carvalhoi-Izecksohn-1982-Anura-Cycloramphidae-an-endemic-frog-from-the-Atlantic-Forest-of-southeastern-Brazil.pdf

Guzy, J. Halloran, K. Homyack, J. Willson, J. D. (2019). **Influence of riparian buffers and habitat characteristics on salamander assemblages in headwater streams within managed forests.** *Forest Ecology and Management*, 432, pp.868-883.

<https://www.sciencedirect.com/science/article/pii/S0378112718312131>

Harper, L. R. Buxton, A. S. Rees, H. C. et al. (2019). **Prospects and challenges of environmental DNA (eDNA) monitoring in freshwater ponds.** *Hydrobiologia* (2019) 826(1) pp.25-41.

<https://link.springer.com/article/10.1007%2Fs10750-018-3750-5#citeas>

Harper, L. Downie, J. McNeill, D. (2019). **Assessment of habitat and survey criteria for the great crested newt (*Triturus cristatus*) in Scotland: a case study on a translocated population.** *Hydrobiologia*, 828(1), pp.57-71.

https://www.researchgate.net/publication/328490640_Assessment_of_habitat_and_survey_criteria_for_the_great_crested_newt_Triturus_cristatus_in_Scotland_a_case_study_on_a_translocated_population

Hoogmoed, M. S. (2019). **On the identity of *Hyla zernyi* Ahl 1933 (Anura: Hylidae) from Taperinha, Pará, Brazil.** *Zoologischer Anzeiger*, 278, pp.80-83.

<https://www.sciencedirect.com/science/article/pii/S0044523118301177>

Isidoro-Ayza, M. Grear, D. A. Chambouvet, A. (2019). **Pathology and Case Definition of Severe *Perkinsea* Infection of Frogs.** *Veterinary Pathology*, 56(1), pp.133-142.

<https://www.ncbi.nlm.nih.gov/pubmed/30236039>

Isidoro-Ayza, M. Lorch, J. M. Ballmann, A. E. Businga, N. K. (2019). **Mass Mortality of Green Frog (*Rana clamitans*) Tadpoles in Wisconsin, USA, Associated with Severe Infection with the Pathogenic *Perkinsea* Clade.** *Journal of Wildlife Diseases*, 55(1), pp. 262–265.

<http://www.jwildlifedis.org/doi/abs/10.7589/2018-02-046?journalCode=jwidi>

Iwai, N. Yasumiba, K. Takahara, T. (2019). **Efficacy of environmental DNA to detect and quantify stream tadpoles of *Odorrana splendida*.** *Royal Society Open Science* 6: 181798.

<http://dx.doi.org/10.1098/rsos.181798>

<https://royalsocietypublishing.org/doi/pdf/10.1098/rsos.181798>

Jia, J. Zhang, M.-H. (2019). **Osteology of *Batrachuperus yenyuanensis* (Urodela, Hynobiidae), a high-altitude mountain stream salamander from western China.** *PLoS One*, 14(1), p.e0211069

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0211069>

Kaylor, M. J. VerWey, B. J. Cortes, A. Warren, D. R. (2019). **Drought impacts to trout and salamanders in cool, forested headwater ecosystems in the western Cascade Mountains, OR.** *Hydrobiologia*, 2019, pp. 1-16.

https://www.researchgate.net/publication/330301872_Drought_impacts_to_trout_and_salamanders_in_cool_forested_headwater_ecosystems_in_the_western_Cascade_Mountains_OR

Kazila, E. Kishida, K. (2019). **Foraging traits of native predators determine their vulnerability to a toxic alien prey.** *Freshwater Biology*, 64(1), pp.56-70.

<https://onlinelibrary.wiley.com/doi/10.1111/fwb.13194>

Kloh, J. Figueredo, C. Eterovick, P. (2019) **How close is microhabitat and diet association in aquatic ecomorphotypes? A test with tadpoles of syntopic species.** *Hydrobiologia*, 828(1), pp.271-285.

https://www.researchgate.net/publication/328861099_How_close_is_microhabitat_and_diet_association_in_aquatic_ecomorphotypes_A_test_with_tadpoles_of_syntopic_species

Kovyazina, I.V. Kopylova, N.V. Utkin, Y.N. Bukharaeva, E. A. Nikolsky, E. E. Vulfius, C. A. (2019). **Depression of the Evoked Quantal Acetylcholine Secretion in Frog Neuromuscular Junction by Phospholipases A2 from the Venom of Steppe Viper *Vipera ursiniirenardi*.** *Biochemistry (Moscow), Supplement Series A: Membrane and Cell Biology*, 13(1), pp.78–84.

<https://link.springer.com/article/10.1134/S1990747819010069#citeas>

Koprivnikar, J. Hoye, B. Urichuk, T. Johnson, P. (2019). **Endocrine and immune responses of larval amphibians to trematode exposure.** *Parasitology Research*, 118(1), pp.275-288.

<https://www.ncbi.nlm.nih.gov/pubmed/30456491>

Labisko, J. Griffiths, R. A. Chong-Seng, L. Bunbury, N. Maddock, S. T. Bradfield, K. S. Taylor, M. L. Groombridge, J. J. (2019). **Endemic, endangered and evolutionarily significant: cryptic lineages in Seychelles' frogs (Anura: Sooglossidae).** *Biological Journal of the Linnean Society*, 126(3), pp.417-435.

<https://academic.oup.com/biolinnean/article-abstract/126/3/417/5288504?redirectedFrom=fulltext>

Lai, J.-C. Kam, Y.-C. Lin, H.-C. Wu, C.-S. (2019). **Enhanced salt tolerance of euryhaline tadpoles depends on increased Na⁺, K⁺-ATPase expression after salinity acclimation.** *Comparative Biochemistry and Physiology, Part A*, 227, pp.84-91.

<https://www.sciencedirect.com/science/article/pii/S1095643318301521>

Li, Y. Li, C., Chena, Q. Liu, Z. Shen, Y. (2019). **The mitochondrial genome for tadpole of Emei moustache toad (Leptobranchium boringii: Anura: Megophryidae) from the Southwest China and its phylogenetic analysis.** *Mitochondrial DNA Part B*, 4(1), Online.

<https://www.tandfonline.com/doi/abs/10.1080/23802359.2018.1535855>

Lourenço-de-Moraes, R. Campos, F.S. Ferreira, R.B. Solé, M. Beard, K. H. Bastos, R. P. (2019). **Back to the future: conserving functional and phylogenetic diversity in amphibian-climate refuges.** *Biodiversity and Conservation* pp.1–25.

<https://link.springer.com/article/10.1007/s10531-019-01706-x#citeas>

Lust, K. Tanaka, E. M. (2019). **A Comparative Perspective on Brain Regeneration in Amphibians and Teleost Fish.** *Developmental Neurobiology*, 79(5), pp.424-436.

<https://onlinelibrary.wiley.com/doi/full/10.1002/dneu.22665>

Luz, J. S. Caneguim, B. H. Baggio, A. Santoni, M. M. Helbing, C. C. Valentini, S. R. Sasso-Cerri, E. Oliveira, C. C. (2019). **Differential expression of RNA exosome subunits in the amphibian *Lithobates catesbeianus* during reproductive and non-reproductive periods.** *BMC Research Notes*, 12(1), Online.

<https://bmcrsnotes.biomedcentral.com/articles/10.1186/s13104-019-4077-7>

Lyu, Z.-T. Huang, L.-S. Wang, J. Li, Y.-Q. Chen, H.-H. Qi, S. Wang, Y.-Y. (2019). **Description of two cryptic species of the Amolops ricketti group (Anura, Ranidae) from southeastern China.** *Zookeys*, 812, pp.133–156.

<https://zookeys.pensoft.net/article/29956/>

Margotta, V. Chimenti, C. (2019). **Relationships between seasonal (spring, summer, autumnal) thermal variations and cell proliferation in heterothermic vertebrates, as revealed by PCNA expression in the brain of adult Triturus carnifex.** *Italian Journal of Anatomy and Embryology*, 124(1), pp.34-41.

<http://www.fupress.net/index.php/ijae/article/view/25468>

Mata-Silva, V. DeSantis, D. L. García-Padilla, E. Johnson, J. D. Wilson, L. D. (2019). **The endemic herpetofauna of Central America: a casualty of anthropocentrism.** *Amphibian & Reptile Conservation* 13(1) pp.1–64 (e168).

https://www.researchgate.net/profile/Eli_Garcia-Padilla3/publication/330533149_The_endemic_herpetofauna_of_Central_America_a_casualty_of_anthropocentrism/links/5c468f74458515a4c7377486/The-endemic-herpetofauna-of-Central-America-a-casualty-of-anthropocentrism.pdf

Mendoza, A. M. Bolivar-Garcia, W. Vazquez-Dominguez, E. Ibanez, R. Parra Olea, G. (2019). **The role of Central American barriers in shaping the evolutionary history of the northernmost glassfrog, Hyalinobatrachium fleischmanni (Anura: Centrolenidae).** *PeerJ*, 7, p.e6115.

https://peerj.com/articles/6115/?utm_source=TrendMD&utm_campaign=PeerJ_TrendMD_0&utm_medium=TrendMD

Monteiro, J. P. C., Condez, T. H. Malagoli, L. R. De Nardin, E. C. Haddad, C. F. B. (2019). **The marsupial frog Gastrotheca microdiscus (Anura: Hemiphractidae) in South Brazil: distribution, natural history, advertisement call and molecular genetics.** *Salamandra*, 55(1), pp. 48-53.

<http://www.salamandra-journal.com/index.php/home/contents/2019-vol-55/1928-monteiro-j-p-c-t-h-condez-l-r-malagoli-e-c-de-nardin-c-f-b-haddad>

Moser, C. de Oliveira, M. de Avila, F. Dutra-Araújo, D. Farina, R. Tozetti, A. (2019). **Diet and trophic niche overlap of Boana bischoffi and Boana marginata (Anura: Hylidae) in southern Brazil.** *Biota Neotropica*, 19(1), pp.1-6.

http://www.scielo.br/scielo.php?pid=S1676-06032019000100502&script=sci_arttext

Mundy, L. J. Bilodeau, J. C. Schock, D. M. Thomas, P. J. Blais, J. M. Pauli, B. D. (2019). **Using wood frog (*Lithobates sylvaticus*) tadpoles and semipermeable membrane devices to monitor polycyclic aromatic compounds in boreal wetlands in the oil sands region of northern Alberta, Canada.** *Chemosphere*, 214, pp.148-157.

<https://www.sciencedirect.com/science/article/pii/S0045653518316874>

Navas Romero, A. Quiroga, L. Echegaray, M. Sanabria, E. (2019). **Toxicity of wine effluents and assessment of a depuration system for their control: assay with tadpoles of *Rhinella arenarum* (Bufonidae).** *Ecotoxicology*, 28(1), pp.48-61.

<https://link.springer.com/article/10.1007/s10646-018-1998-1>

Olea, G. B. Cheijb, E. O. Curib, L. M. Boccionib, A. P. C. Céspedes, J. A. Lombardo, D. M. (2019). **Histological and immunohistochemical characterization of the integument and parotoids glands *Rhinella bergi* (Anura: Bufonidae): Development and differentiation.** *Acta Histochemica*, In Press.

https://www.researchgate.net/profile/Jorge_Cesperez/publication/330527173_Histological_and_immunohistochemical_characterization_of_the_integument_and_parotoids_glands_Rhinella_bergi_Anura_Bufonidae_Development_and_differentiation/links/5cc4fe5d92851c8d220992b8/Histological-and-immunohistochemical-characterization-of-the-integument-and-parotoids-glands-Rhinella-bergi-Anura-Bufonidae-Development-and-differentiation.pdf

Oliveira, A. (2019). **The caecilian *Siphonops* sp (Amphibia, Gymnophiona) as prey of dwarf caiman *Paleosuchus palpebrosus* (Cuvier, 1807)(Reptilia, Crocodylia), an observation from central Brazil.** *Herpetology Notes*, 12, Online.

<https://www.biotaxa.org/hn/article/view/40177>

Pafilis, P. Kapsalas, G. Lymberakis, P. Protopappas, D. Sotiropoulos, K. (2019). **Diet composition of the Karpathos marsh frog (*Pelophylax cerigensis*): what does the most endangered frog in Europe eat?** *Animal Biodiversity and Conservation*, 42(1), pp.1-8

https://www.researchgate.net/profile/Panayiotis_Pafilis/publication/328307210_Diet_composition_of_the_Karpathos_marsh_frog_Pelophylax_cerigensis_what_does_the_most_endangered_frog_in_Europe_eat/links/5bc5c309299bf17a1c559e26/Diet-composition-of-the-Karpathos-marsh-frog-Pelophylax-cerigensis-what-does-the-most-endangered-frog-in-Europe-eat.pdf

Pan, T. Wang, H. OrozcoTerwengel, P. Hu, C.-C. Wu, G.-Y. Qian, L.-F. Sun, Z.-L. Shi, W.-B. Yan, P. Wu, X.-B. Zhang, B.-W. (2019). **Long-term sky islands generate highly divergent lineages of a narrowly distributed stream salamander (*Pachyhynobius shangchengensis*) in mid-latitude mountains of East Asia.** *BMC Evolutionary Biology*, 19(1), pp.1-15.

<https://www.ncbi.nlm.nih.gov/pubmed/30606099>

Pašukonis, A. Loretto, M.-C. Hödl, W. (2019). **Map-like navigation from distances exceeding routine movements in the three-striped poison frog (*Ameerega trivittata*)**. *Journal of Experimental Biology*, 221: jeb169714.

<https://jeb.biologists.org/content/221/2/jeb169714>

Penner, J. Augustin, M. Rödel, M.-O. (2019) **Modelling the spatial baseline for amphibian conservation in West Africa**. *Acta Oecologica*, 94, pp.31-40.

<https://www.sciencedirect.com/science/article/pii/S1146609X17303740>

Penner, J. Rödel, M.-O. (2019). Keep it simple? **Dispersal abilities can explain why species range sizes differ, the case study of West African amphibians**. *Acta Oecologica*, 94, pp.41-46.

<https://www.sciencedirect.com/science/article/pii/S1146609X17303260>

Phuge, S. Dinesh, K. P. Andhale, R. Pandit, R. Bhakare, K. (2019). **A new species of *Fejervarya Bolkay, 1915* (Anura: Dicroglossidae) from the northern Western Ghats parts of Maharashtra, India**. *Zootaxa*, 4544(2), pp.251-268.

https://www.researchgate.net/publication/330322969_A_new_species_of_Fejervarya_Bolkay_1915_Anura_Dicroglossidae_from_the_northern_Western_Ghats_parts_of_Maharashtra_India

Pinheiro, P. D. P. Kok, P. J. R. Noonan, B. P. Means, D. B. Haddad, C. F. B. Faivovich, J. (2019). **A new genus of *Cophomantini*, with comments on the taxonomic status of *Boana liliae* (Anura: Hylidae)**. *Zoological Journal of the Linnean Society*, 185(1), pp.226–245.

<https://academic.oup.com/zoolinnean/article-abstract/185/1/226/5050010?redirectedFrom=fulltext>

Poyarkov, N. Nguyen, T. T. Nguyen, T. A. Murphy, R. W. et al. (2019). **A new species of the genus *Microhyla Tschudi, 1838* (Amphibia: Anura: Microhylidae) from Tay Nguyen Plateau, Central Vietnam**. *Zootaxa*, 4543(4), pp.549–580.

https://www.researchgate.net/profile/Nikolay_Poyarkov2/publication/330240443_A_new_species_of_the_genus_Microhyla_Tschudi_1838_Amphibia_Anura_Microhylidae_from_Tay_Nguyen_Plateau_Central_Vietnam/links/5c355f22299bf12be3b8f23a/A-new-species-of-the-genus-Microhyla-Tschudi-1838-Amphibia-Anura-Microhylidae-from-Tay-Nguyen-Plateau-Central-Vietnam.pdf

Préau, C. Sellier, Y. Bertrand, R. Grandjean, F. (2019) **Predicting suitable habitats of four range margin amphibians under climate and land-use changes in southwestern France**. *Regional Environmental Change*, 19(1), pp.27-38.

<https://link.springer.com/article/10.1007/s10113-018-1381-z>

Preißler, K. Watzal, A. D. Vences, M. Steinfartz, S. (2019). **Detection of elusive fire salamander larvae (*Salamandra salamandra*) in streams via environmental DNA.** *Amphibia-Reptilia*, 40(1).

https://brill.com/abstract/journals/amre/40/1/article-p55_5.xml

Quinzio, S. I. Fabrezi, M. (2019). **The peripheral nerves of *Lepidobatrachus* tadpoles (Anura, Ceratophryidae).** *Journal of Morphology*, 280(1), pp.4-19.

<https://onlinelibrary.wiley.com/doi/pdf/10.1002/jmor.20849>

Renet, J. Leprêtre, L. Champagnon, J. Lambret, P. (2019). **Monitoring amphibian species with complex chromatophore patterns: a non-invasive approach with an evaluation of software effectiveness and reliability.** *The Herpetological Journal*, 29(1), pp. 13-22

https://www.researchgate.net/publication/330107543_Monitoring_amphibian_species_with_complex_chromatophore_patterns_a_non-invasive_approach_with_an_evaluation_of_software_effectiveness_and_reliability

Roberto, I. J. Dos Santos, E. M. De Carvalho, T. R. (2019). **The vocalization of *Gastrotheca fissipes* (Boulenger, 1888)(Anura, Hemiphractidae) from the state of Pernambuco, Northeastern Brazil.** - *Zootaxa*, 4543(2), Online.

<https://biotaxa.org/Zootaxa/article/view/zootaxa.4543.2.6>

Rothenberger, M. B. Vera, M. K. Germanoski, D. Ramirez, E. (2019). **Comparing amphibian habitat quality and functional success among natural, restored, and created vernal pools.** *Restoration Ecology Volume 0*(ja), research article.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/rec.12922>

Sabino-Pinto, J. Krause, E. T. Bletz, M. C. Martel, A. Pasmans, F. Steinfartz, S. Vences, M. (2019). **Detectability vs. time and costs in pooled DNA extraction of cutaneous swabs: A study on the amphibian chytrid fungi.** *Amphibia Reptilia*, 40(1), pp.29-39.

https://brill.com/view/journals/amre/40/1/article-p29_3.xml

Salehi, T. Akmal, V. Sharifi, M. (2019). **Population genetic structure of the endangered yellow spotted mountain newt (*Neurergus derjugini*: Amphibia, Caudata) inferred from mitochondrial DNA sequences.** *The Herpetological Journal*, 29(1), pp.37-47.

<https://www.thebhs.org/publications/the-herpetological-journal/volume-29-number-1-january-2019/1884-04-population-genetic-structure-of-the-endangered-yellow-spotted-mountain-newt-i-neurergus-derjugini-i-amphibia-caudata-inferred-from-mitochondrial-dna-sequences>

Salehi, T. Sharifi, M. (2019). **Comparing the predatory impact of captive–bred and free–living yellow spotted mountain newts (*Neurergus microspilotus*) on the larval green toad (*Bufo variabilis*)**. *Animal Biodiversity and Conservation*, 42(1), pp.31-37.

<http://abc.museocienciasjournals.cat/volume-42-1-2019-abc/comparing-the-predatory-impact-of-captive-bred-and-free-living-yellow-spotted-mountain-newt-neurergus-microspilotus-on-the-larval-green-toad-bufo-variabilis/?lang=en>

Salman, N. A. (2019). **A Review of Southern Iraq Herpetofauna**. *Biological and Applied Environmental Research*, 3(1), pp.61-71.

[http://baerj.com/2\(2\)/Salman%20\(1\),%2061-71,%202019-1.pdf](http://baerj.com/2(2)/Salman%20(1),%2061-71,%202019-1.pdf)

Saucedo, B. Serrano, J. M. Jacinto-Maldonado, M. Leuven, R. S. E. W. Rocha García, A. A. Méndez B. A. Gröne, A. van Beurden, S. J. Escobedo-Bonilla, C. M. (2019). **Pathogen Risk Analysis for Wild Amphibian Populations Following the First Report of a Ranavirus Outbreak in Farmed American Bullfrogs (*Lithobates catesbeianus*) from Northern Mexico**. *Viruses*, 11(1).

<https://www.mdpi.com/1999-4915/11/1/26>

Sawatzky, M. E. Martin, A. E. Fahrig, L. (2019). **Landscape context is more important than wetland buffers for farmland amphibians**. *Agriculture, Ecosystems & Environment*, 269, pp.97-106.

<https://www.sciencedirect.com/science/article/pii/S016788091830402X>

Silva-Alves, V. D. D'Ávila, R. da Costa, T. M. Barbosa, A. P. D. Brum, B. R. (2019). **Geographic range extension of *Elachistocleis corumbaensis* Piva, Caramaschi & Albuquerque, 2017 (Anura, Microhylidae) with new records in ecotonal zones in the state of Mato Grosso, Brazil**. *Check List* 15 (1), pp.17–20.

https://www.researchgate.net/publication/330321604_Geographic_range_extension_of_Elachistocleis_corumbaensis_Piva_Caramaschi_Albuquerque_2017_Anura_Microhylidae_with_new_records_in_ecotonal_zones_in_the_state_of_Mato_Grosso_Brazil

Sou, S. K. (2019). ***Meteterakis asansolensis* sp. nov. (Nematoda: Heterakidae) in *Duttaphrynus melanostictus* (Schneider, 1899) (Amphibia: Anura: Bufonidae) from Asansol coalfield area, Paschim Bardhaman, West Bengal, India**. *Journal of Parasitic Diseases*, Online, pp.1-5.

<https://link.springer.com/article/10.1007/s12639-018-01079-y>

Stuckert, A. Moore, E. Coyle, K. Davison, I. Macmanes, M. Roberts, R. Summers, K. (2019). **Variation in pigmentation gene expression is associated with distinct aposematic color morphs in the poison frog *Dendrobates auratus***. *BMC Evolutionary Biology*, 19(85).

<https://bmcevolbiol.biomedcentral.com/track/pdf/10.1186/s12862-019-1410-7>

Šunje, E. Van Damme, R. Jelić, D. Mueller, M. Škrijelj, R. Helfer, V. (2019). **Morphometric characteristics of Alpine salamanders: a support for subspecies validation and conservation?** *Amphibia-Reptilia*, 40(1).

https://brill.com/abstract/journals/amre/40/1/article-p79_7.xml?utm_campaign=Amphib_Reptilia_TrendMD_0&utm_medium=cpc&utm_source=TrendMD

Talarico, L. Babik, W. Marta, S. Mattoccia, M. (2019). **Genetic drift shaped MHC IIB diversity of an endangered anuran species within the Italian glacial refugium.** *Journal of Zoology*, 307 (1), p.61(10).

<https://zslpublications.onlinelibrary.wiley.com/doi/full/10.1111/jzo.12617>

Terry, J. Taguchi, Y. Dixon, J. Kuwabara, K. Takahashi, M. K. (2019). **Preoviposition paternal care in a fully aquatic giant salamander: nest cleaning by a den master.** *Journal of Zoology*, 307(1), pp.36-42

<https://zslpublications.onlinelibrary.wiley.com/doi/full/10.1111/jzo.12615>

Thomas, A. Das, S. Manish, K. (2019). **Influence of stream habitat variables on distribution and abundance of tadpoles of the endangered purple frog, *Nasikabatrachus sahyadrensis* (Anura: Nasikabatrachidae).** *Journal of Asia-Pacific Biodiversity*12(2) pp.144-151.

<https://reader.elsevier.com/reader/sd/pii/S2287884X18303170?token=8BC11A6621562FC156CE05FACE2D1FB808151B5EED305BEB0D597E72C739B23DD77E816226D5947B6DE347FOA5A1A320>

Thorp, C. J. Vonesh, J. R. Measey, J. (2019). **Cannibalism or congeneric predation? The African clawed frog, *Xenopus laevis* (Daudin), preferentially predated on larvae of Cape platannas, *Xenopus gilli* Rose & Hewitt.** *African Journal of Ecology*, 57(1), p.59-65.

<https://onlinelibrary.wiley.com/doi/full/10.1111/aje.12577>

Treinen-Crespo, K. T. Trinchan-Guerra, L. G. Díaz-Gamboa, L. F. López-Reyes, K. Carbajal-Márque, R. A. (2019). **First record of the Hourglass Treefrog *Dendropsophus ebraccatus* (Cope, 1874) (Anura: Hylidae) in Yucatán State, Mexico.** *Herpetology Notes*, 12, pp.31-33.

https://www.researchgate.net/publication/330262387_First_record_of_the_Hourglass_Treefrog_Dendropsophus_ebraccatus_Cope_1874_Anura_Hylidae_in_Yucatan_State_Mexico

Trochet, A. Le Chevalier, H. Calvez, O. Ribéron, A. Bertrand, R. et al. (2019). **Influence of substrate types and morphological traits on movement behavior in a toad and newt species.** *PeerJ* 6, e6053. DOI:10.7717/peerj.6053

<https://peerj.com/articles/6053/>

Ttito, A. Catenazzi, A. (2019). **Geographic and altitudinal range extension of Oreobates amarakaeri Padial et al., 2012 (Anura: Craugastoridae).** *Zootaxa*, 4543(4), pp.584–586.

https://www.researchgate.net/profile/Alex_Ttito/publication/330260462_Geographic_and_altitudinal_range_extension_of_Oreobates_amarakaeri_Padial_et_al_2012_Anura_Craugastoridae/links/5c3d33f492851c22a375bd74/Geographic-and-altitudinal-range-extension-of-Oreobates-amarakaeri-Padial-et-al-2012-Anura-Craugastoridae.pdf

Vajana, E. Widmer, I. Rochat, E. Duruz, S. Selmoni, O. Vuilleumier, S. Aeby, S. Greub, G. Joost, S. (2019). **Indication of spatially random occurrence of Chlamydia-like organisms in Bufo bufo tadpoles from ponds located in the Geneva metropolitan area.** *New Microbes and New Infections*. 27, pp. 54-56.

<https://www.sciencedirect.com/science/article/pii/S2052297518301069>

Valencia-Zuleta, A. Guerra, V. Carvalho, M. A. G. Costa, N. De Q. Do Carmo Faria, D. C. Bastos, R. P. Maciel, N. M. (2019). **Vocalizations of Rhinella sebbeni Vaz-Silva, Maciel, Bastos, and Pombal, 2015 (Anura: Bufonidae).** *Bioacoustics*, Online, p.1-13.

https://www.researchgate.net/publication/330291956_Vocalizations_of_Rhinella_sebbeni_Vaz-Silva_Maciel_Bastos_and_Pombal_2015_Anura_Bufonidae

Valenzuela-Sánchez, A. Schmidt, B. R. Pérez, C. Altamirano, T. Toledo, V. Pérez, Í. Teillier, S. Cunningham, A. A. Soto-Azat, C. (2019). **Assessing habitat quality when forest attributes have opposing effects on abundance and detectability: A case study on Darwin's frogs.** *Forest Ecology and Management*, 432, pp.942-948.

<https://www.sciencedirect.com/science/article/pii/S0378112718314750?via%3Dihub>

Vallejos, J. G. Grafe, T. U. Wells, K. D. Foster, S. (2019). **Factors influencing tadpole deposition site choice in a frog with male parental care: An experimental field study.** *Ethology* 125(1), p.29(11)

<https://onlinelibrary.wiley.com/doi/10.1111/eth.12820>

Varga, J. F. A. Bui-Marinós, M. P. Katzenback, B. A. (2019). **Frog Skin Innate Immune Defences: Sensing and Surviving Pathogens.** *Frontiers in Immunology*, 2019, Vol.9, pp.1-21.

<https://www.ncbi.nlm.nih.gov/pubmed/30692997>

Vaz, R. I. Chinchilla, J. E. O. (2019). **Thermographic record of predation of *Rhinella ornata* (Spix, 1824) (Anura:Bufonidae) by *Xenodon neuwiedii* Günther, 1863 (Squamata: Dipsadidae) with feeding behaviour notes.** *Herpetology Notes*, 12, pp.235-239.

<https://www.biotaxa.org/hn/article/viewFile/38708/39236>

Vera-Candioti, J. D'Andrea, M. F. Brodeur, J. C. (2019). **Body condition of *Pseudis minuta* Günther, 1858 (Anura: Hylidae) inhabiting an agroecosystem from south Santa Fe Province, Argentina.** *Herpetology Notes*, 12, pp.13-17.

https://www.researchgate.net/publication/330289345_Body_condition_of_Pseudis_minuta_Gunther_1858_Anura_Hylidae_inhabiting_an_agroecosystem_from_south_Santa_Fe_Province_Argentina

Verbrugghe, E. Adriaensen, C. Martel, A. Vanhaecke, L. Pasmans, F. (2019). **Growth Regulation in Amphibian Pathogenic Chytrid Fungi by the Quorum Sensing Metabolite Tryptophol.** *Frontiers in Microbiology*, pp.1-12.

<https://www.frontiersin.org/articles/10.3389/fmicb.2018.03277/full>

Vo, N. T. K. Guerreiro, M. Yaparla, A. Grayfer, L. Dewitte-Orr, S. J. (2019). **Class A Scavenger Receptors Are Used by Frog Virus 3 During Its Cellular Entry.** *Viruses* 11(2), pp.1-11.

<https://www.ncbi.nlm.nih.gov/pubmed/30678064>

Voelkel, A. Dolle, S. Koethe, M. Haas, J. Makrutzki, G. Birka, S. Lücker, E. Hamedy, A. (2019). **Distribution of *Alaria* spp. mesocercariae in waterfrogs.** *Parasitology Research*, 118(2), pp.673-676

<https://link.springer.com/article/10.1007/s00436-018-6133-y>

Waraniak, J. M. Fisher, J. D. L Purcell, K. Mushet, D. M. Stockwell, C. A. (2019). **Landscape genetics reveal broad and fine-scale population structure due to landscape features and climate history in the northern leopard frog (*Rana pipiens*) in North Dakota.** *Ecology and Evolution*, 9(3), p.1041-1060.

<https://onlinelibrary.wiley.com/doi/pdf/10.1002/ece3.4745>

Wang, S. Liu, C. Wu, J. Xu, C. Zhang, J. Bai, C. Gao, X. Liu, X. Li, X. Zhu, W. Li, Y. (2019). **Propagule pressure and hunting pressure jointly determine genetic evolution in insular populations of a global frog invader.** *Scientific Reports* 9, Article number: 448, Online.

<https://www.nature.com/articles/s41598-018-37007-6>

Wang, S. Yan, L. C. Zheng, S. S. Li, T. T. Fan, L. Y. Huang, T. Li, C. Zhao, Y. H. (2019). **Toxicity of some prevalent organic chemicals to tadpoles and comparison with toxicity to fish based on mode of toxic action.** *Ecotoxicology and environmental safety*, 167, pp.138-145.

<https://www.sciencedirect.com/science/article/pii/S0147651318309813>

West, A. G. Waitea, D. W. Deines, P. Bourne, D. G. Digby, A. McKenzie, V. J. Taylor, M. W. (2019). **The microbiome in threatened species conservation.** *Biological Conservation*, 229, pp.85-98.

<https://www.sciencedirect.com/science/article/pii/S0006320718311145>

Williams, D. L. (2019) **Ocular Surface Biology and Disease in Amphibians.** *Veterinary Clinics of North America: Exotic Animal Practice*, 22(1), pp.97-107.

<https://www.sciencedirect.com/science/article/pii/S1094919418300628?via%3Dihub>

Wineland, S. M. Welch, S. M. Pauley, T. K. Apodaca, J. J. Olszack, M. Mosher, J. J. Holmes, J. N. Waldron, J. L. (2019). **Using environmental DNA and occupancy modelling to identify drivers of eastern hellbender (*Cryptobranchus alleganiensis alleganiensis*) extirpation.** *Freshwater Biology*, 64(1), p.208(14).

<https://onlinelibrary.wiley.com/doi/10.1111/fwb.13210>

Wu, N. C. Cramp, R. L. Ohmer, M. E. B. Franklin, C. E. (2019). **Epidermal epidemic: unravelling the pathogenesis of chytridiomycosis.** *Journal of Experimental Biology*, 222.

<http://jeb.biologists.org/content/222/2/jeb191817>

Yon, L. Duff, J. P. Ågren, E. O. Erdélyi, K. Ferroglio, E. Godfroid, J. Hars, J. Hestvik, G. Horton, D. et al. (2019). **Recent changes in infectious diseases in European wildlife.** *Journal of Wildlife Diseases*, 55(1) pp.3-43.

<https://www.jwildlifedis.org/doi/full/10.7589/2017-07-172>

Zhang, H. He, J. Li, N. Gao, N. Du, Q. Chen, B. Chen, F. Shan, X. Ding, Y. Zhu, W. Wu, Y. Tang, J. Jia, X. (2019). **Lipid accumulation responses in the liver of *Rana nigromaculata* induced by perfluorooctanoic acid (PFOA).** *Ecotoxicology and environmental safety*, 167, pp.29-35.

<https://www.sciencedirect.com/science/article/pii/S0147651318309953>

Zylstra, E. R. Swann, D. E. Steidl, R. J. (2019). **Surface-water availability governs survival of an amphibian in arid mountain streams.** *Freshwater Biology*, 64(1), p.164-174.

<https://onlinelibrary.wiley.com/doi/10.1111/fwb.13204>

Zylstra, E. R. Swann, D. E. Hossack, B. R. Muths, E. Steidl, R. J. (2019). **Drought-mediated extinction of an arid-land amphibian: insights from a spatially explicit dynamic occupancy model.** *Ecological Society of America*, Online, p.e01859

<https://esajournals.onlinelibrary.wiley.com/doi/pdf/10.1002/eap.1859>

February

Afroosheh, M. Rödder, D. Mikulicek, P. Akmal, V. Vaissi, S. Fleck, J. Schneider, W. Sharifi, M. (2019). **Mitochondrial DNA variation and Quaternary range dynamics in the endangered Yellow Spotted Mountain Newt, *Neurergus derjugini* (Caudata, Salamandridae).** *Journal of Zoological Systematics and Evolutionary Research*, Early View.

<https://onlinelibrary.wiley.com/doi/epdf/10.1111/jzs.12275>

Afuang, L. Gonzalez, J. Gruezo, W. (2019). **Distribution and diversity patterns of herpetofauna in the Pantabangan-Carranglan Watershed, Nueva Ecija, Caraballo Mountain Range, Philippines.** *Biodiversity Data Journal*, Online.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6384284/>

Al Haj, B. N. W. Chithrala, A. Voss, S. R. (2019). **Amputation-induced reactive oxygen species signaling is required for axolotl tail regeneration.** *Developmental Dynamics*, 248(2), pp.189-196.

<https://onlinelibrary.wiley.com/doi/abs/10.1002/dvdy.5>

Araújo, A. P. D. C. Mesak, C. Montalvão, M. F. Freitas, Í. N. Chagas, T. Q. Malafaia, G. (2019). **Anti-cancer drugs in aquatic environment can cause cancer: Insight about mutagenicity in tadpoles.** *Science of the Total Environment*, 650, pp.2284-2293.

<https://www.sciencedirect.com/science/article/pii/S0048969718338725>

Ayala, C. Ramos, A. G. Zambrano, Á M. (2019). **Microhabitat selection of axolotls, *Ambystoma mexicanum*, in artificial and natural aquatic systems.** *Hydrobiologia*, 828(1), pp.11–20.

<https://link.springer.com/article/10.1007/s10750-018-3792-8>

Bardier, C. Martínez-Latorraca, N. Porley, J. L. Bortolini, S. V. Cabrera Alonzo, N. Maneyro, R. Toledo, L. F. (2019). **Seasonal demography of the threatened Montevideo Redbelly Toad (*Melanophryniscus montevidensis*) in a protected area of Uruguay.** *Canadian Journal of Zoology*, 97(2), pp.131-141.

<http://www.nrcresearchpress.com/doi/abs/10.1139/cjz-2017-0362#.XHYLcrhS-00>

Basanta, M. D. Rebollar, E. A. Parra-Olea, G. (2019). **Potential risk of Batrachochytrium salamandrivorans in Mexico.** *PLoS One* 14(2), pp.1-13.

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0211960>

Bilodeau, J. C. Gutierrez Villagomez, J. M. Kimpe, L. E. Thomas, P. J. Pauli, B. D. Trudeau, V. L. Blais, J. M. (2019). **Toxicokinetics and bioaccumulation of polycyclic aromatic compounds in wood frog tadpoles (*Lithobates sylvaticus*) exposed to Athabasca oil sands sediment.** *Aquatic toxicology (Amsterdam, Netherlands)*, 207, pp.217-225.

<https://www.sciencedirect.com/science/article/pii/S0166445X18308117>

Bissattini, A. M. Buono, V. Vignoli, L. (2019). **Disentangling the trophic interactions between American bullfrogs and native anurans: Complications resulting from post-metamorphic ontogenetic niche shifts.** *Aquatic Conservation: Marine and Freshwater Ecosystems*, 29(2), pp.270-281.

<https://onlinelibrary.wiley.com/doi/abs/10.1002/aqc.3023>

Borah, B. K. Renthlei, Z. Trivedi, A. K. (2019). **Seasonality in terai tree frog (*Polypedates teraiensis*): Role of light and temperature in regulation of seasonal breeding.** *Journal of Photochemistry & Photobiology, B: Biology*, pp.44-51.

<https://www.ncbi.nlm.nih.gov/pubmed/30580184>

Brunetti, A. E. Lyra, M. L. Melo, W. G. P. Andrade, L. E. Palacios-Rodríguez, P. Prado, B. M. Haddad, C. F. B. Pupo, M. T. Lopes, N. P. (2019). **Symbiotic skin bacteria as a source for sex-specific scents in frogs.** *PNAS* 116 (6), pp.2124-2129.

<https://www.pnas.org/content/116/6/2124.short>

Cabrera-Guzmán, E. Díaz-Paniagua, C. Gomez-Mestre, I. (2019). **Invasive mosquitofish (*Gambusia holbrooki*) affect egg-laying and behaviour of Spanish pygmy newts (*Triturus pygmaeus*).** *Amphibia Reptilia*, 40(1), pp.103-112.

https://brill.com/view/journals/amre/40/1/article-p103_9.xml

Carrillo, J. F. C. Ferreira, V. G. Santana, D. J. (2019). **Batrachophagy by *Leptodactylus chaquensis* (Anura: Leptodactylidae) in the Brazilian Cerrado and Pantanal.** *Herpetology Notes*, 12, pp.261-263.

https://diegojsantana.weebly.com/uploads/2/0/6/0/20601370/cuestas-carillo_et_al_2019.pdf

Carvajal-Endara, S. Coloma, L. A. Morales-Mite, M. A. Guayasamin, J. M. Székely, P. 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).

https://www.researchgate.net/publication/331384013_Phylogenetic_systematics_ecology_and_conservation_of_marsupial_frogs_Anura_Hemiphractidae_from_the_Andes_of_southern_Ecuador_wit_h_descriptions_of_four_new_biphasic_species

Casais, R. Larrinaga, A. R. Dalton, K. P. Lapido, P. D. Márquez, I. Bécares, E. Carter, E. D. Gray, M. J. Miller D. L. Balseiro, A. (2019). **Water sports could contribute to the translocation of ranaviruses.** *Nature, Scientific Reports* 9:2340.

<https://www.nature.com/articles/s41598-019-39674-5.pdf>

Coble, A. A. Flinders, C. A. Homyack, J. A. Penaluna, B. E. Cronn, R. C. Weitemier, K. (2019). **eDNA as a tool for identifying freshwater species in sustainable forestry: A critical review and potential future applications.** *Science of the Total Environment*, 649, pp.1157-1170.

<https://www.sciencedirect.com/science/article/pii/S0048969718333412>

de Medeiros, D. S. S. Rego, T. B. dos Santos, A. P. de A. Pontes, A. S. Moreira-Dill, L. S. Matos, N. B. Zuliani, J. P. Stábeli, R. G. et al. (2019). **Biochemical and Biological Profile of Parotoid Secretion of the Amazonian *Rhinella marina* (Anura: Bufonidae).** *BioMed Research International*, 2019, Article ID 2492315, 15 pages. <https://doi.org/10.1155/2019/2492315>

<https://www.hindawi.com/journals/bmri/2019/2492315/>

Dehling, J. Sinsch, U. (2019). **Integrative taxonomic reassessment of *Odontophrynus* populations in Argentina and phylogenetic relationships within *Odontophrynidae* (Anura).** *PeerJ*.

https://peerj.com/articles/6480/?utm_source=TrendMD&utm_campaign=PeerJ_TrendMD_0&utm_medium=TrendMD

Delia, J. Rivera-Ordóñez, J. Salazar-Nicholls, M. Warkentin, K. (2019). **Hatching plasticity and the adaptive benefits of extended embryonic development in glassfrogs.** *Evolutionary Ecology*, 33(1), pp.37-53.

https://www.researchgate.net/profile/Jesse_Delia/publication/328701340_Hatching_plasticity_and_the_adaptive_benefits_of_extended_embryonic_development_in_glassfrogs/links/5bddc01792851c6b27a58091/Hatching-plasticity-and-the-adaptive-benefits-of-extended-embryonic-development-in-glassfrogs.pdf

Devitt, T. J. Wright, A. M. Cannatella, D. C. Hillis, D. M. (2019). **Species delimitation in endangered groundwater salamanders: Implications for aquifer management and biodiversity conservation.** *PNAS* 116(7) pp.2624-2633.

<https://www.pnas.org/content/116/7/2624>

Digiacopo, D. Meindl, G. Ryan, S. Jaeger, J. Wersebe, M. Martin, A. Robinson, S. Graham, G. Palmer, A. Setteducate, A. Murray, I. Prior, K. Hua, J. (2019). **Interaction between invasive plant leaf litter and NaCl on two model amphibians.** *Biological Invasions*, 21(2), pp.391-403.

<https://link.springer.com/article/10.1007/s10530-018-1836-7>

Dittrich, C. Huster, J. Rödel, M.-O. Feldhaar, H. (2019). **Matriline effects on metamorphic traits in a natural system in the European common frog (*Rana temporaria*).** *Ecology and Evolution*, 9, pp.3075–3088.

https://www.researchgate.net/publication/331276879_Matriline_effects_on_metamorphic_traits_in_a_natural_system_in_the_European_common_frog_Rana_temporaria

Eakin, C. J. Hunter, M. L. Jr Calhoun, A. J. K. (2019). **The influence of land cover and within-pool characteristics on larval, froglet, and adult wood frogs along a rural to suburban gradient.** *Urban Ecosystems*, pp.1–13.

<https://link.springer.com/article/10.1007/s11252-019-0830-x>

Eo, S. H. Lee, B.-J. Park, C.-D. Jung, J.-H. Hong, N. Lee, W.-S. (2019). **Taxonomic identity of the *Glandirana emeljanovi* (Anura, Ranidae) in Korea revealed by the complete mitochondrial genome sequence analysis.** *Mitochondrial DNA Part B – Resources*, 4(1), pp.961-962.

<https://www.tandfonline.com/doi/pdf/10.1080/23802359.2019.1579074?needAccess=true>

Fagotti, A. Rossi, R. Canestrelli, D. La Porta, G. (2019). **Longitudinal study of *Amphibiocystidium* sp. infection in a natural population of the Italian stream frog (*Rana italica*).** *Parasitology*.

<https://doi.org/10.1017/S0031182019000076>

<https://www.cambridge.org/core/journals/parasitology/article/longitudinal-study-of-amphibiocystidium-sp-infection-in-a-natural-population-of-the-italian-stream-frog-rana-italica/C0F30110C1E8B25D71ECF2B8D4239195>

Flechas, S. V. Acosta-González, A. Escobar, L. A. Kueneman, J. G. Sánchez-Quitian, Z. A. Parra-Giraldo, C. M. Rollins-Smith, L. A. Reinert, L. K. Vredenburg, V. T. Amézquita, A. Woodhams, D. C. (2019). **Microbiota and skin defense peptides may facilitate coexistence of two sympatric Andean frog species with a lethal pathogen.** *The ISME journal*, 13(2), pp.361-373.

<https://www.nature.com/articles/s41396-018-0284-9>

Gall, M. D. Bee, M. A. Baugh, A. T. (2019). **The difference a day makes: Breeding remodels hearing, hormones and behavior in female Cope's gray treefrogs (*Hyla chrysoscelis*)**. *Hormones and Behavior* 108, pp.62-72.

<http://www.baughlab.org/wp-content/uploads/2019/01/Gall-Bee-Baugh-HB-2019.pdf>

Garcia, M. Cronin, A. Bowling, T. Bushera, H. Hunter, K. Taylor, R. (2019). **Dueling frogs: do male green tree frogs (*Hyla cinerea*) eavesdrop on and assess nearby calling competitors?** *Behavioral Ecology and Sociobiology*, 73(2), pp.1-10.

<https://link.springer.com/article/10.1007/s00265-018-2632-1>

Garg, S. Biju, S. (2019). **New microhylid frog genus from Peninsular India with Southeast Asian affinity suggests multiple Cenozoic biotic exchanges between India and Eurasia**. *Scientific Reports*, 9, pp.1-13.

<https://www.nature.com/articles/s41598-018-38133-x?fbclid=IwAR32l0IWqeJq6LBUK84QNw3E8FhEif9y8P2R xu-OE2OQIEgqIVeDKQjcKdQ>

Gatto, K. P. Seger, K. R. Garcia, P. C. de A. Lourenço, L. B. (2019). **Satellite DNA Mapping in *Pseudis fusca* (Hylidae, Pseudinae) Provides New Insights into Sex Chromosome Evolution in Paradoxical Frogs**. *Genes*, 10(2), p.160.

<https://www.mdpi.com/2073-4425/10/2/160>

Gauberg, J. Wu, N. Cramp, R. L. Kelly, S. P. Franklin, C. E. (2019). **A lethal fungal pathogen directly alters tight junction proteins in the skin of a susceptible amphibian**. *The Journal of Experimental Biology*, 222: jeb192245.

<http://jeb.biologists.org/content/222/3/jeb192245>

Gavel, M. J. Richardson, S. D. Dalton, R. L. Soos, C. Ashby, B. Mcphee, L. Forbes, M. R. Robinson, S. A. (2019). **Effects of 2 Neonicotinoid Insecticides on Blood Cell Profiles and Corticosterone Concentrations of Wood Frogs (*Lithobates sylvaticus*)**. *Environmental toxicology and chemistry*, 38(6), pp.1273-1284.

<https://www.ncbi.nlm.nih.gov/pubmed/30901102>

Goldberg, S. R. (2019). **Notes on Reproduction of Hurter's Spadefoot Toads, *Scaphiopus hurterii* (Anura: Scaphiopodidae), from Oklahoma**. *Bulletin of the Chicago Herpetological Society* 54(1):9-11.

https://www.researchgate.net/profile/Stephen_Goldberg/publication/330883281_Notes_on_Reproduction_of_Hurter%27s_Spadefoot_Toads_Scaphiopus_hurterii_Anura_Scaphiopodidae_from_Oklahoma/links/5c59ba8645851582c3cff992/Notes-on-Reproduction-of-Hurters-Spadefoot-Toads-Scaphiopus-hurterii-Anura-Scaphiopodidae-from-Oklahoma.pdf

Goodman, R.M. Tyler, J. A., Reinartz, D. M. Wright, A. N. (2019). **Survey of Ranavirus and Batrachochytrium dendrobatidis in Introduced Frogs in Hawaii.** *Journal of Wildlife Diseases*, Online.

<https://www.jwildlifedis.org/doi/abs/10.7589/2018-05-137>

Goutte, S. Reyes-Velasco, J. Boissinot, S. (2019). **A new species of puddle frog from an unexplored mountain in southwestern Ethiopia (Anura, Phrynobatrachidae, Phrynobatrachus).** *ZooKeys*, 824, pp.53-70.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6381079/pdf/zookeys-824-053.pdf>

Green, D. M. (2019). **Rarity of Size-Assortative Mating in Animals: Assessing the Evidence with Anuran Amphibians.** *The American naturalist*, 193(2), pp.279-295.

https://www.researchgate.net/profile/David_Green20/publication/329632709_Rarity_of_Size-Assortative_Mating_in_Animals_Assessing_the_Evidence_with_Anuran_Amphibians/links/5c1aec7992851c22a3381e48/Rarity-of-Size-Assortative-Mating-in-Animals-Assessing-the-Evidence-with-Anuran-Amphibians.pdf

Grismer, L. L. Wood, P. L. Quah, E. S. Thura, M. K. Espinoza, R. E. Murdoch, M. L. (2019). **A new species of crocodile newt Tylototriton (Caudata: Salamandridae) from northern Myanmar (Burma).** *Journal of Natural History*, 53(7-8), pp.475-495.

https://www.researchgate.net/profile/Perry_Wood_Jr/publication/332576197_A_new_species_of_crocodile_newt_Tylototriton_Caudata_Salamandridae_from_northern_Myanmar_Burma/links/5cc2f21fa6fdcc1d49afb735/A-new-species-of-crocodile-newt-Tylototriton-Caudata-Salamandridae-from-northern-Myanmar-Burma.pdf

Hansen, N. A. Scheele, B. C. Driscoll, D. A. Lindenmayer, D. B. (2019). **Amphibians in agricultural landscapes: the habitat value of crop areas, linear plantings and remnant woodland patches.** *Animal Conservation*, 22(1), pp.72-82.

https://www.researchgate.net/publication/326992699_Amphibians_in_agricultural_landscapes_the_habitat_value_of_crop_areas_linear_plantings_and_remnant_woodland_patches

Harper, L. Downie, J. McNeill, D. (2019). **Assessment of habitat and survey criteria for the great crested newt (Triturus cristatus) in Scotland: a case study on a translocated population.** *Hydrobiologia*, 828(1), pp.57-71.

<https://link.springer.com/article/10.1007%2Fs10750-018-3796-4>

Helbing, C. C. Hammond, S. A. Jackman, S. H. Houston, S. Warren, R. L. Cameron, C. E. Birol, I. (2019). **Antimicrobial peptides from *Rana [Lithobates] catesbeiana*: Gene structure and bioinformatic identification of novel forms from tadpoles.** *Scientific Reports*, 9, Article number: 1529.

<https://www.nature.com/articles/s41598-018-38442-1>

Hernández-Ordóñez, O. Santos, B. A. Pyron, R. A. Arroyo-Rodríguez, V. Urbina-Cardona, J. N. Martínez-Ramos, M. Parra-Olea, G. Reynoso, V. H. (2019). **Species sorting and mass effect along forest succession: Evidence from taxonomic, functional, and phylogenetic diversity of amphibian communities.** *Ecology and Evolution*, Online, pp.1–13.

https://www.researchgate.net/profile/Omar_Hernandez9/publication/331385076_Species_sorting_and_mass_effect_along_forest_succession_Evidence_from_taxonomic_functional_and_phylogenetic_diversity_of_amphibian_communities/links/5cae8a254585156cd78f5a0a/Species-sorting-and-mass-effect-along-forest-succession-Evidence-from-taxonomic-functional-and-phylogenetic-diversity-of-amphibian-communities.pdf

Heuer, R. M. (2019). **Too hot for a healthy gut in salamanders.** *Conservation Physiology*, 7(1), 2019, coz007, <https://doi.org/10.1093/conphys/coz007>.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6392170/>

Jani, A. J. (2019). **Amphibian microbiome linked to climate.** *Nature Ecology & Evolution*, 3, pp.332–333.

<https://www.nature.com/articles/s41559-019-0840-3>

Jennette, M. A. Snodgrass, J. W. Forester, D. C. (2019). **Variation in age, body size, and reproductive traits among urban and rural amphibian populations.** *Urban Ecosystems*, 22(1), pp. 137–147.

https://www.researchgate.net/publication/327524642_Variation_in_age_body_size_and_reproductive_traits_among_urban_and_rural_amphibian_populations

Jiménez-Bolaño, J. D. Montes-Correa, A. C. Polo-Córdoba, F. Linares-Vargas, K. Vergara-Gil, D. Barrio-Amorós, C. L. Koch, C. (2019). **Acoustic repertory of the “*Colostethus*” rathveni group (Anura: Dendrobatidae) and comments on the distribution in the Sierra Nevada de Santa Marta, Colombia.** *Salamandra*, 55(1), pp.27–38.

https://www.zfmk.de/dateien/dokumente/2019_jimenez-bolano_et_al_salamandra.pdf

Jiménez-Arcos, V. H. Calzada-Arciniega, R. A. Alfaro-Juantorena. L. A. Vázquez-Reyes, L. D. Blair, C. Parra-Olea, G. (2019). **A new species of Charadrahyla (Anura: Hylidae) from the cloud forest of western Oaxaca, Mexico.** *Zootaxa*, 4554(2), pp.371-385.

http://herp.mx/pubs/2019-Jimenez-Arcos-et-al-New-species-Charadrahyla.pdf?fbclid=IwAR1cLdULtp0Mza_914x8_iLQdGoVrG-sXbkKeeWtWHJAXr_JKyvjZ1dZ90

Takebeen, A. D. Wills, A. E. (2019). **More Than Just a Bandage: Closing the Gap Between Injury and Appendage Regeneration.** *Frontiers in Physiology*, 10, Online.

<https://www.frontiersin.org/articles/10.3389/fphys.2019.00081/full>

Kambayashi, C. Kurabayashi, A. Nakano, T. (2019). **Evaluating the ontogenetic external morphology of an ectoparasitic Torix tukubana (Hirudinida: Glossiphoniidae), with records of its new host amphibian species.** *Parasitology research*, 118(2), pp.663-666.

<https://link.springer.com/article/10.1007/s00436-018-6141-y>

Kolenda, K. Kaczmarek, M. Najbar, A. Rozenblut-Kościsty, B. Chmielewska, M. Najbar, B. (2019). **Road-killed toads as a non-invasive source to study age structure of spring migrating population.** *European Journal of Wildlife Research*, 65(1), pp.1-9.

<https://link.springer.com/article/10.1007/s10344-018-1240-8>

Kueneman, J. G. Bletz, M. C. McKenzie, V. J. Vences, M. et al. (2019). **Community richness of amphibian skin bacteria correlates with bioclimate at the global scale.** *Nature Ecology & Evolution*, 3, pp.381–389.

<https://www.nature.com/articles/s41559-019-0798-1>

Lambert, M. R. Tran, T. Kilian, A. Ezaz, T. Skelly, D. K. (2019). **Molecular evidence for sex reversal in wild populations of green frogs (Rana clamitans).** *PeerJ* 7: e6449.

<https://peerj.com/articles/6449.pdf>

Lara-Tufiño, J. D. Badillo-Saldaña, L. M. Hernández-Austria, R. Ramírez-Bautista, A. (2019). **Effects of traditional agroecosystems and grazing areas on amphibian diversity in a region of central Mexico.** *PeerJ*, Feb 15, 2019.

<https://peerj.com/articles/6390/>

Leon, E. Peltzer, P. M. Lorenzon, R. Lajmanovich, R. C. Beltzer, A. H. (2019). **Effect of traffic noise on Scinax nasicus advertisement call (Amphibia, Anura).** *Iheringia, Série Zoologia*, 109: e2019007.

<http://www.scielo.br/pdf/isz/v109/1678-4766-isz-109-e2019007.pdf>

Liu, J. Liao, Q. Lin, Z. Wen, B. Ren, Y. Lai, R. (2019). **The defensive system of tree frog skin identified by peptidomics and RNA sequencing analysis.** *Amino Acids*, 51(2), pp.345-353.

<https://link.springer.com/article/10.1007/s00726-018-2670-z>

Lloyd, N. Mcpherson, J. Moehrensclager, A. (2019). **Limited contributions of released animals from zoos to North American conservation translocations.** *Conservation Biology*, 33(1), pp.33-39.

<https://onlinelibrary.wiley.com/doi/pdf/10.1111/cobi.13160>

Lowe, W. H. Addis, B. R. (2019). **Matching habitat choice and plasticity contribute to phenotype-environment covariation in a stream salamander.** *Ecological Society of America, Ecology*, 15 February 2019, pp. e02661.

<https://esajournals-onlinelibrary-wiley-com.ezproxy.otago.ac.nz/doi/abs/10.1002/ecy.2661>

Luna, M. C. Vásquez-Almazán, C. R. Faivovich, J. Brunetti, A. E. (2019). **Gland composition in sexually dimorphic skin structures of two species of Hylid frogs: *Plectrohyla guatemalensis* and *Ptychohyla hypomykter*.** *Amphibia-Reptilia*, Advance Article.

https://www.researchgate.net/publication/333675195_Gland_composition_in_sexually_dimorphic_skin_structures_of_two_species_of_Hylid_frogs_Plectrohyla_guatemalensis_and_Ptychohyla_hypomykter

Martin H., C. Ibáñez, R. Nothias, L.-F. Boya P., C. A. Reinert, L. K. Rollins-Smith, L. A. Dorrestein, P. C. Gutiérrez, M. (2019). **Viscosin-like lipopeptides from frog skin bacteria inhibit *Aspergillus fumigatus* and *Batrachochytrium dendrobatidis* detected by imaging mass spectrometry and molecular networking.** *Scientific Reports*, 9, Article number: 3019 (2019).

<https://www.nature.com/articles/s41598-019-39583-7.pdf>

Martino, A. L. Dehling, J. M. Sinsch, U. (2019). **Integrative taxonomic reassessment of *Odontophrynus* populations in Argentina and phylogenetic relationships within *Odontophrynidae* (Anura).** *PeerJ*, 7, e6480.

https://www.researchgate.net/publication/328228046_Integrative_taxonomic_reassessment_of_Odontophrynus_populations_in_Argentina_and_phylogenetic_relationships_within_Odontophrynidae_Anura

Messenger, K. R. Dahn, H. Liang, Y. Xie, P. Wang, Y. Lu, C. (2019). **A new species of the genus *Megophrys* Gunther, 1864 (Amphibia: Anura: Megophryidae) from Mount Wuyi, China.** *Zootaxa* 4554(2):561.

<https://biotaxa.org/Zootaxa/article/view/zootaxa.4554.2.9>

Niemeier, S. Mueller, J. Roedel, M. O. (2019). **Fluctuating asymmetry – appearances are deceptive. Comparison of methods for assessing developmental instability in European Common Frogs (*Rana temporaria*).** *Salamandra*, 55(1), pp.14-26.

https://www.researchgate.net/profile/Stephanie_Niemeier/publication/331207763_Fluctuating_asymmetry-appearances-are-deceptive-Comparison-of-methods-for-assessing-developmental-instability-in-European-Common-Frogs-Rana-temporaria/links/5c6c2155a6fdcc404ebed779/Fluctuating-asymmetry-appearances-are-deceptive-Comparison-of-methods-for-assessing-developmental-instability-in-European-Common-Frogs-Rana-temporaria.pdf

Ohmer, M. E. B. Cramp, R. L. White, C. R. Harlow, P. S. McFadden, M. S. et al. (2019). **Phylogenetic investigation of skin sloughing rates in frogs: relationships with skin characteristics and disease-driven declines.** *The Royal Society Publishing B*. 286(1896).

<https://royalsocietypublishing.org/doi/pdf/10.1098/rspb.2018.2378>

Prohl, H. Scherm, M. G. Meneses, S. Dreher, C. E. Meuche, I. Rodriguez, A. (2019). **Female-female aggression is linked to food defence in a poison frog.** *Ethology*, 125(4), p.222-231.

<https://onlinelibrary.wiley.com/doi/full/10.1111/eth.12848>

Reboucas, R. Carollo, A. B. Freitas, M. de O. Lambertini, C. Nogueira dos Santos, R. M. Toledo, L. F. (2019). **Is the conspicuous dorsal coloration of the Atlantic forest pumpkin toadlets aposematic?** *Salamandra* 55(1), pp.39-47.

https://www.researchgate.net/publication/331114538_Is_the_conspicuous_dorsal_coloration_of_the_Atlantic_forest_pumpkin_toadlets_aposematic

Roberts, A. A. Berger, L. Robertson, S. G. Webb, R. J. Kosch, T. A. Mcfadden, M. Skerratt, L. F. Glass, B. D. Motti, C. A. Brannelly, L. A. (2019). **The efficacy and pharmacokinetics of terbinafine against the frog-killing fungus (*Batrachochytrium dendrobatidis*).** *Medical Mycology*, 57(2), pp.204-214.

<https://www.ncbi.nlm.nih.gov/pubmed/29566178>

Rödel, M. O. Glos, J. (2019). **Herpetological surveys in two proposed protected areas in Liberia, West Africa.** *Zoosystematics and Evolution*, 95(1), pp.15-35.

<https://zse.pensoft.net/articles.php?id=31726>

Rojas-Morales, J. Marín-Martínez, M. (2019). **Diversity, structure and natural history of amphibians in the upper Claro River basin, a buffer zone of the National Natural Park Los Nevados, Central Cordillera of Colombia.** *Journal of Threatened Taxa*, 11(3), pp.13261-13277.

https://www.researchgate.net/publication/331258182_Diversity_structure_and_natural_history_of_amphibians_in_the_upper_Claro_River_basin_a_buffer_zone_of_the_National_Natural_Park_Los_Nevados_Central_Cordillera_of_Colombia

Rollins-Smith, L. A. Robert, R. (2019). **Lymphocyte Deficiency Induced by Sublethal Irradiation in Xenopus.** *Cold Spring Harbor Protocols*, 2019(2).

<http://cshprotocols.cshlp.org/content/2019/1/pdb.prot097626.short>

Rubalcaba, J. G. Gouveia, S. F. Olalla-Tarraga, M. A. Algar, A. (2019). **A mechanistic model to scale up biophysical processes into geographical size gradients in ectotherms.** *Global Ecology and Biogeography*, 28(6), pp.793-803.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/geb.12893>

Sader, F. Denis, J.-F. Laref, H. Roy, S. (2019). **Epithelial to mesenchymal transition is mediated by both TGF- β canonical and non-canonical signaling during axolotl limb regeneration.** *Scientific Reports*, 9.

<https://www.nature.com/articles/s41598-018-38171-5>

Salas, C. Y. Lujan, L. Quispe-Colca, O. (2019). **Predation of *Scinax garbei* (Miranda-Ribeiro, 1926) (Anura: Hylidae) by the wandering spider *Ctenus villasboasi* Mello-Leitão, 1949 (Araneae: Ctenidae) in southeastern Peru.** *Herpetology Notes*, 12, pp.265-267.

<https://www.biotaxa.org/hn/article/view/39156>

Salehi, T. Sharifi, M. (2019). **Comparing the predatory impact of captive-bred and free-living yellow spotted mountain newts (*Neurergus microspilotus*) on the larval green toad (*Bufo variabilis*).** *Animal Biodiversity and Conservation*, 42(1), pp.31-37.

http://abc.museucienciasjournals.cat/files/ABC_42-1_pp_31-37.pdf

Santana, D. J. Fernando, A. M. E. Giroux, A. da S. Maruyama, C. A. Borges, F. L. G. Melo, I. (2019). **Predation of *Mussurana bicolor* (Serpentes, Dipsadidae) upon *Leptodactylus podicipinus* (Anura, Leptodactylidae) in the Pantanal, Brazil.** *Herpetology Notes*, 12, pp.281-282.

<https://www.biotaxa.org/hn/article/viewFile/41175/39912>

Savage, A. E. Muletz-Wolz, C. R. Grant, E. H. C. Fleischer, R. C. Mulder, K. P. (2019). **Functional variation at an expressed MHC class II β locus associates with Ranavirus infection intensity in larval anuran populations.** *Immunogenetics* pp.1-13.

<https://link.springer.com/article/10.1007/s00251-019-01104-1>

Schivo, F. Bauni, V. Kruga, P. Quintana, R. D. (2019). **Distribution and richness of amphibians under different climate change scenarios in a subtropical region of South America.** *Applied Geography*, 103, pp. 70-89.

<https://www.sciencedirect.com/science/article/abs/pii/S0143622818301838>

Seilern-Moy, K. Fernandez, J. R.-R. Macgregor, S. K. John, S. K. Linton, C. Cunningham, A. A. Lawson, B. (2019). **Fatal phaeohyphomycosis due to *Exophiala* sp. infection in a free-living common toad *Bufo bufo*.** *Diseases of Aquatic Organisms*, 133(1), pp.19-24.

<https://www.int-res.com/abstracts/dao/v133/n1/p19-24>

Silla, A. J. McFadden, M. S. Byrne, P. G. (2019). **Hormone-induced sperm-release in the critically endangered Booroolong frog (*Litoria booroolongensis*): effects of gonadotropin-releasing hormone and human chorionic gonadotropin.** *Conservation Physiology*, 7(1), pp.1-10.

<https://academic.oup.com/conphys/article/7/1/coy080/5316805>

Silla, A. J. & Byrne, P. G. (2019) **The Role of Reproductive Technologies in Amphibian Conservation Breeding Programs.** *Annual Review of Animal Biosciences*, 7(1).

<https://www.annualreviews.org/doi/abs/10.1146/annurev-animal-020518-115056>

Székely, D. Gaona, F. Székely, P. Cogălniceanu, D. (2019). **What does a Pacman eat? Macrophagy and necrophagy in a generalist predator (*Ceratophrys stolzmanni*).** *PeerJ*, Online.

https://peerj.com/articles/6406/?utm_source=TrendMD&utm_campaign=PeerJ_TrendMD_0&utm_medium=TrendMD

Touzot, M. Teulier, L. Lengagne, T. Secondi, J. Théry, M. Libourel, P.-A. Guillard, L. Mondy, N. (2019). **Artificial light at night disturbs the activity and energy allocation of the common toad during the breeding period.** *Conservation Physiology*, 7(1), pp.1-9.

<https://academic.oup.com/conphys/article/7/1/coz002/5307659>

Veith, M. Baubkus, M. Kugel, S. Kulpa, C. Reifenrath, T. Schafft, M. Wagner, N. (2019). **Drift compensation in larval European fire salamanders, *Salamandra salamandra* (Amphibia: Urodela)?** *Hydrobiologia* 828(1), pp.315–325.

https://www.researchgate.net/publication/328944446_Drift_compensation_in_larval_European_fire_salamanders_Salamandra_salamandra_Amphibia_Urodela

Von May, R. Biggi, E. Cárdenas, H. Diaz, M. I. Alarcón, C. Herrera, V. Santa-Cruz, R. Tomasinelli, F. Westeen, E. P. Sánchez-Paredes, C. M. Larson, J. G. Title, P. O. Grundler, M. R. Grundler, M. C. Davis Rabosky, A. R. Rabosky, D. L. (2019). **Ecological interactions between arthropods and small vertebrates in a lowland Amazon rainforest.** *Amphibian & Reptile Conservation* 13(1) pp.65–77, (e169).

[http://amphibian-reptile-conservation.org/pdfs/Volume/Vol_13_no_1/ARC_13_1_\[General_Section\]_65-77_e169_low_res.pdf](http://amphibian-reptile-conservation.org/pdfs/Volume/Vol_13_no_1/ARC_13_1_[General_Section]_65-77_e169_low_res.pdf)

Weihmann, F. Weihmann, S. Weihmann, T. (2019). **Conservation genetic analysis of a Central-European range-margin population of the yellow-bellied toad (*Bombina v. variegata*).** *Conservation Genetics* Feb 2019, pp. 1–13.

https://www.researchgate.net/publication/331100262_Conservation_genetic_analysis_of_a_Central-European_range-margin_population_of_the_yellow-bellied_toad_Bombina_v_variegata

Wielstra, B. (2019). **Triturus newts.** *Current Biology*, 29(4), pp.R110-R111.

[https://www.cell.com/current-biology/pdf/S0960-9822\(18\)31683-X.pdf](https://www.cell.com/current-biology/pdf/S0960-9822(18)31683-X.pdf)

Xie, J. Towsey, M. Zhang, J. Roe, P. (2019). **Investigation of Acoustic and Visual Features for Frog Call Classification.** *Journal of Signal Processing Systems*, pp.1-14. <https://doi.org/10.1007/s11265-019-1445-4>.

<https://link.springer.com/article/10.1007/s11265-019-1445-4>

Xie, L. Zhang, Y. Li, X. Chai, L. Wang, H. (2019) **Exposure to nitrate alters the histopathology and gene expression in the liver of *Bufo gargarizans* tadpoles.** *Chemosphere*, 217, pp.308-319.

<https://doi.org/10.1016/j.chemosphere.2018.11.029>

Xiong, J. Zhang, B. Liu, Q. Pan, T. Gou, J. (2019). **Sexual dimorphism in the Chinese endemic species *Pachyhynobius shangchengensis* Fei, Qu and Wu, 1983 (Urodela: Hynobiidae).** *PeerJ*, Online.

https://peerj.com/articles/6408/?utm_source=TrendMD&utm_campaign=PeerJ_TrendMD_0&utm_medium=TrendMD

Yi, Y. Z. Sheridan, J. A. (2019). **Effects of traffic noise on vocalisations of the rhacophorid tree frog *Kurixalus chaseni* (Anura: Rhacophoridae) in Borneo.** *Raffles Bulletin of Zoology*, 67, pp.77–82.

<https://lkcnm.nus.edu.sg/app/uploads/2018/11/RBZ-2019-0007.pdf>

March

Altman, K. A. Raffel, T. R. (2019). **Thermal acclimation has little effect on tadpole resistance to *Batrachochytrium dendrobatidis*.** *Diseases of Aquatic Organisms* 133(3), pp.207-216.

<https://www.int-res.com/abstracts/dao/v133/n3/p207-216/>

Amado, T. F. Bidau, C. J. Olalla-Tarraga, M. A. (2019). **Geographic variation of body size in New World anurans: energy and water in a balance.** *Ecography*, 42(3), pp.456-466.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/ecog.03889>

Anderson, R. B. (2019). **Human traffic and habitat complexity are strong predictors for the distribution of a declining amphibian.** *PLoS One*, pp.1-15.

<https://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0213426&type=printable>

Assis, V. R. Titon, S. C. M. Gomes, F. R. (2019). **Acute stress, steroid plasma levels, and innate immunity in Brazilian toads.** *General and Comparative Endocrinology*, 273, pp.86-97.

<https://www.ncbi.nlm.nih.gov/pubmed/29750968>

Balko, J. A. Posner, L. P. Chinnadurai, S. K. (2019). **Immersion in tricaine methanesulfonate (ms-222) is not sufficient for euthanasia of smokey jungle frogs (*Leptodactylus pentadactylus*).** *Journal of Zoo and Wildlife Medicine*, 50(1), pp.89-95.

<https://bioone.org/journals/Journal-of-Zoo-and-Wildlife-Medicine/volume-50/issue-1/2018-0033/IMMERSION-IN-TRICaine-METHANESULFONATE-MS-222-IS-NOT-SUFFICIENT-FOR/10.1638/2018-0033.short>

Balestrieri, A. Gazzola, A. Pellitteri-Rosa, D. Vallortigara, G. (2019). **Discrimination of group numerosness under predation risk in anuran tadpoles.** *Animal Cognition*, 22(2), pp.223–230.

<https://link.springer.com/article/10.1007/s10071-019-01238-5>

Beauclerc, K. Wozney, K. Smith, C. Wilson, C. (2019). **Development of quantitative PCR primers and probes for environmental DNA detection of amphibians in Ontario.** (Report). *Conservation Genetics Resources*, 11(1), p.43-46.

<https://link.springer.com/article/10.1007/s12686-017-0962-3>

Belouard, N. Petit, E. J. Paillisson, J.-M. (2019). **Variable effects of an invasive species on the reproduction and distribution of native species in pond networks.** *Freshwater Biology*, 64(3), pp.544-554.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/fwb.13241>

Bienentreu, J. Grayfer, L. Schock, D. M. Guerreiro, M. DeWitt-Orr, S. J. Robert, J. Brunetti, C. R. Lesbarreres, D. (2019). **Sublethal Effects of Wild-Type and a vIF-2 α -Knockout Frog virus 3 on Post-Metamorphic Wood Frogs (*Rana sylvatica*).** *Preprints 2019*, 2019030163 (doi: 10.20944/preprints201903.0163.v1).

<https://www.preprints.org/manuscript/201903.0163/v1>

Blachnik, M. Sołtysiak, M. Dąbrowska, D. (2019). **Predicting Presence of Amphibian Species Using Features Obtained from GIS and Satellite Images** (Book review). *ISPRS International Journal of Geo-Information*, 8(3), p.123.

<https://www.mdpi.com/2220-9964/8/3/123>

Borteiro, C. Kolenc, F. Verdes, J. M. Martínez Debat, C. Ubilla, M. (2019). **Sensitivity of histology for the detection of the amphibian chytrid fungus *Batrachochytrium dendrobatidis*.** *Journal of Veterinary Diagnostic Investigation*, 31(2), pp.246–249.

<https://journals.sagepub.com/doi/abs/10.1177/1040638718816116>

Borzée, A. Borzée, A. Choi, Y. Kim, Y. E. Jablonski, P. G. Jang, Y. (2019). **Interspecific Variation in Seasonal Migration and Brumation Behavior in Two Closely Related Species of Treefrogs.** *Frontiers in Ecology and Evolution*, 7, Article 56, Online.

<https://www.frontiersin.org/articles/10.3389/fevo.2019.00055/full>

Boualit, L. Pichenot, J. Besnard, A. Helder, R. Joly, P. Cayuela, H. (2019). **Environmentally mediated reproductive success predicts breeding dispersal decisions in an early successional amphibian** (Book review). *Animal Behaviour*, 149, C, pp.107-120.

<https://www.sciencedirect.com/science/article/pii/S0003347219300090>

Bredeweg, E. M. Urbina, J. Morzillo, A. T. Garcia, T. S. (2019). **Starting on the Right Foot: Carryover Effects of Larval Hydroperiod and Terrain Moisture on Post-Metamorphic Frog Movement Behavior.** *Frontiers in Ecology and Evolution*, Online, April 2 2019.

<https://www.frontiersin.org/articles/10.3389/fevo.2019.00097/abstract>

Burns, P. M. Langlois, I. Dunn, M. (2019). **Endoscopic removal of a foreign body in a Mexican axolotl (*Ambystoma mexicanum*) with the use of MS222 induced immobilization.** *Journal of Zoo and Wildlife Medicine* 50(1), pp.282–286.

<https://www.zoowildlifejournal.com/doi/abs/10.1638/2012-0118>

Cádiz, A. Reytor, M. L. Díaz, L. M. Chestnut, T. Burns, J. A. Amato, G. (2019). **The Chytrid Fungus, *Batrachochytrium dendrobatidis*, is Widespread Among Cuban Amphibians.** *EcoHealth* 16(1), pp.128–140.

<https://www.ncbi.nlm.nih.gov/pubmed/30377876>

Canessa, S. Bozzuto, C. Pasmans, F. Martel, A. (2019). **Quantifying the burden of managing wildlife diseases in multiple host species.** *Conservation Biology*, 0(0), pp.1–10.

<https://onlinelibrary.wiley.com/doi/pdf/10.1111/cobi.13313>

Carmo, L. F. Miguel, I. R. Pinna, P. H. Fernandes, D. S. Woitovicz-Cardoso, M. (2019). **Amphibians of the Parque Nacional da Restinga de Jurubatiba, a sandy coastal environment in southeastern Brazil.** *Biota Neotropica; Campinas* 19(2), pp.1-12.

http://www.scielo.br/scielo.php?script=sci_arttext&pid=S1676-06032019000200304

Caty, S. N. Alvarez-Buylla, A. Byrd, G. D. Vidoudez, C. Roland, A. B. Tapia, E. E. Bodnik, B. Trauger, S. A. Coloma, L. A. O'Connell, L. A. (2019). **Molecular physiology of chemical defenses in a poison frog.** *BioRxiv*, Preprint.

<https://www.biorxiv.org/content/biorxiv/early/2019/03/27/591115.full.pdf>

Cayueta, H. Griffiths, R. A. Zakaria, N. Arntzen, J. W. Priol, P. Léna, J.-P. Besnard, A. Joly, P. (2019). **Drivers of amphibian population dynamics and asynchrony at local and continental scales.** *BioRxiv*, Online.

<https://www.biorxiv.org/content/biorxiv/early/2019/03/30/592683.full.pdf>

Clarke, G. Phillips, B. Shine, R. (2019). **Clipping the Tail Fin Enables Cohort Identification of Small Anuran Tadpoles.** *Copeia*, 107(1), pp.71-77.

<https://www.asihcopeiaonline.org/doi/abs/10.1643/CE-18-128>

Cohen, J. M. Civitello, D. J. Venesky, M. D. McMahon, T. A. Rohr, J. R. (2019). **An interaction between climate change and infectious disease drove widespread amphibian declines.** *Global Change Biology*, 25, pp.927-937.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/gcb.14489>

Cunningham, A. A. Smith, F. McKinley, T. J. Perkins, M. W. Fitzpatrick, L. D. Wright, O. N. Lawson, B. (2019). **Apparent absence of *Batrachochytrium salamandrivorans* in wild urodeles in the United Kingdom.** *Scientific Reports*, 9, Article number: 2831.

<https://www.nature.com/articles/s41598-019-39338-4>

Da Silva Neto, J. G. Sutton, W. B. Freake, M. J. (2019). **Life-Stage Differences in Microhabitat Use by Hellbenders (*Cryptobranchus alleganiensis*).** *Herpetologica*, 75(1), pp.21-29.

<https://bioone.org/journals/Herpetologica/volume-75/issue-1/D-17-00072/Life-Stage-Differences-in-Microhabitat-Use-by-Hellbenders-iCryptobranchus-alleganiensis/10.1655/D-17-00072.short>

Da Silva, N. R. Neto, J. A. Prado, C. P. A. Mott, T. (2019). **Reproductive biology of *Dendropsophus haddadi* (Bastos and Pombal, 1994), a small treefrog of the Atlantic forest.** *Herpetology Notes* 12, pp.319-325.

<https://www.biotaxa.org/hn/article/view/39577>

De Almeida, C. D. A. Dietz, J. C. de Oliveira, B. F. Vieira, J. D. G. Magalhães, M. R. Jesuíno, R. S. A. (2019). **Antibacterial activity of the skin secretion of *Phyllomedusa azurea* (Anura: Hylidae) from the Central Brazil.** *International Journal of Tropical Biology* 67(1) pp.1-10.

https://www.researchgate.net/publication/330857859_Antibacterial_activity_of_the_skin_secretion_of_Phyllomedusa_azurea_Anura_Hylidae_from_the_Central_Brazil_Cerrado

de Andrade, F. S. da Silva, L. A. Koroiva, R. Fadel, R. M. Santana, D. J. (2019). **A New Species of *Pseudopaludicola Miranda-Ribeiro, 1926* (Anura: Leptodactylidae: Leiuperinae) from an Amazonia-Cerrado Transitional Zone, State of Tocantins, Brazil.** *Journal of Herpetology*, 53(1), pp.68-80.

https://www.researchgate.net/publication/331070285_A_New_Species_of_Pseudopaludicola_Miranda-Ribeiro_1926_Anura_Leptodactylidae_Leiuperinae_from_an_Amazonia-Cerrado_Transitional_Zone_State_of_Tocantins_Brazil

Deef, L. E. M. (2019). **Genetic diversity of Egyptian populations of the African Common Toad (*Sclerophrys regularis*, Reuss 1833).** *Amphibian & Reptile Conservation*, 13(1), pp.104–110 (e171).

https://www.researchgate.net/publication/331716032_Genetic_diversity_of_Egyptian_populations_of_the_African_Common_Toad_Sclerophrys_regularis_Reuss_1833

Denoël, M. Drapeau, L. Oromi, N. Winandy, L. (2019). **The role of predation risk in metamorphosis versus behavioural avoidance: a sex-specific study in a facultative paedomorphic amphibian (Book review)**. *Oecologia*, 189(3), pp.637-645.

<https://www.ncbi.nlm.nih.gov/pubmed/30809707>

Duarte, M. H. L. Caliar, E. P. Viana, Y. P. Nascimento, L. B. (2019). **A natural orchestra: how are anuran choruses formed in artificial ponds in southeast Brazil?** *Amphibia Reptilia – Advance Articles*.

<https://brill.com/view/journals/amre/aop/article-10.1163-15685381-20191079.xml>

Edgington, H. Taylor, D. (2019). **Ecological contributions to body shape evolution in salamanders of the genus Eurycea (Plethodontidae)**. *PLoS One*, 14(5), p.e0216754

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0216754>

Falfushynska, H. Gnatyshyna, L. Horyn, O. Shulgai, A. Stoliar, O. (2019). **A calcium channel blocker nifedipine distorts the effects of nano-zinc oxide on metal metabolism in the marsh frog Pelophylax ridibundus (Book review)**. *Saudi Journal of Biological Sciences*, 26(3), pp.481-489.

<https://www.sciencedirect.com/science/article/pii/S1319562X17302413>

Ga-Perez, A. H. Diaz de La V. Imenez-Arcos, V. H. Centenero-Alcala, E. Ruz, F. R. Mendez-de La ruz, Ngo, A. (2019). **Diversity and conservation of amphibians and reptiles of a protected and heavily disturbed forest of central Mexico**. *ZooKeys*, 1, p.111(15).

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6428800/>

Gade, M. Peterman, W. (2019). **Multiple environmental gradients influence the distribution and abundance of a key forest-health indicator species in the Southern Appalachian Mountains, USA**. *Landscape Ecology*, March 2019, pp.1-14.

<https://link.springer.com/article/10.1007/s10980-019-00792-0>

Glaberman, S. Kiwiet, J. Aubee, C. (2019). **Evaluating the Role of Fish as Surrogates for Amphibians in Pesticide Ecological Risk Assessment**. *BioRxiv*, Preprint.

<https://www.biorxiv.org/content/10.1101/584417v1.abstract>

Goldberg, S. R. (2019). **Notes on Reproduction of Green Toads, *Anaxyrus debilis* (Anura: Bufonidae), from New Mexico.** *Sonoran Herpetologist* 32(1), pp.1-5.

https://www.researchgate.net/profile/Stephen_Goldberg/publication/331812593_Notes_on_reproduction_of_green_toads_Anaxyrus_debilis_Anura_Bufonidae_from_New_Mexico/links/5c8d4a25a6fdcc381756f1dd/Notes-on-reproduction-of-green-toads-Anaxyrus-debilis-Anura-Bufonidae-from-New-Mexico.pdf

Goldspiel, H. B. Newhouse, A. E. Powell, W. A. Gibbs, J. P. (2019). **Effects of transgenic American chestnut leaf litter on growth and survival of wood frog larvae.** *Restoration Ecology*, 27(2), pp.371-378.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/rec.12879>

Gould, J. Valdez, J. W. Stockwell, M. P. Clulow, S. Mahony, M. J. (2019). **Mosquitoes as a potential vector for the transmission of the amphibian chytrid fungus.** *Preprints* 2019, 2019030234 (doi: 10.20944/preprints201903.0234.v1).

<https://www.preprints.org/manuscript/201903.0234/v1>

Goutte, S. Mason, M. J. Antoniazzi, M. M. Jared, C. Merle, D. Cazes, L. Toledo, L. F. El-Hafci, H. Pallu, S. Portier, H. Schramm, S. Gueriau, P. Thoury, M. (2019). **Intense bone fluorescence reveals hidden patterns in pumpkin toadlets.** *Scientific Reports*, 9.

<https://www.nature.com/articles/s41598-019-41959-8>

Greenberg, D. A. Palen, W. J. (2019). **A deadly amphibian disease goes global** (Book review). *Science*, 363(6434), pp.1386-1388.

<https://science.sciencemag.org/content/363/6434/1386>

Guéguinou, N. Jeandel, J. Kaminski, S. Baatout, S. Ghislin, S. Fripiat, J. P. (2019). **Modulation of Iberian Ribbed Newt Complement Component C3 by Stressors Similar to those Encountered during a Stay Onboard the International Space Station.** *International Journal of Molecular Sciences*, 20(7), p.1579

<https://www.mdpi.com/1422-0067/20/7/1579>

Heiss, E. Schwarz, D. Konow, N. (2019). **Chewing or not? Intraoral food processing in a salamandrid newt.** *The Journal of Experimental Biology*, 222(6): jeb189886 DOI: 10.1242/jeb.189886

<http://jeb.biologists.org/content/222/6/jeb189886>

Henrique, R. S. Grant, T. (2019). **Influence of Environmental Factors on Short-Term Movements of Butter Frogs (*Leptodactylus latrans*)**. *Herpetologica*, 75(1), pp.38-46.

https://www.researchgate.net/publication/330766451_Influence_of_Environmental_Factors_on_Short-Term_Movements_of_Butter_Frogs_Leptodactylus_latrans

Hobbs, J. Round, J. M. Allison, M. J. Helbing, C. C. (2019). **Expansion of the known distribution of the coastal tailed frog, *Ascaphus truei*, in British Columbia, Canada, using robust eDNA detection methods**. *PLoS One*, pp.1-16.

<https://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0213849&type=printable>

Hu, J. Huang, Y. Jiang, J. Guisan, A. (2019). **Genetic diversity in frogs linked to past and future climate change on the roof of the world**. *Journal of Animal Ecology*, Online.

<https://besjournals.onlinelibrary.wiley.com/doi/pdf/10.1111/1365-2656.12974>

Hubáček, J. Šugerková, M. Gvoždík, L. (2019). **Underwater sound production varies within not between species in sympatric newts**. *PeerJ*, Online.

<https://peerj.com/articles/6649/>

Ibragimova, D. V. Lyapkov, S. M. (2019). **Demographic and Morphometric Characteristics of the Moor Frog *Rana arvalis* from a Transformed Habitat in the Khanty-Mansi Autonomous Region—Yugra**. *Biology Bulletin* 45(8), pp.831-838.

<https://link.springer.com/article/10.1134/S1062359018080046>

Jara, F. G. Thurman, L. L. Montiglio, P-O. Sih, A. Garcia, T. S. (2019). **Warming-induced shifts in amphibian phenology and behavior lead to altered predator–prey dynamics**. *Oecologia*, 189(3), pp.803–813.

<https://link.springer.com/article/10.1007/s00442-019-04360-w>

Jeliazkov, A. Lorrillière, R. Besnard, A. Garnier, J. Silvestre, M. Chiron, F. (2019). **Cross-scale effects of structural and functional connectivity in pond networks on amphibian distribution in agricultural landscapes**. *Freshwater Biology*, 64(5), pp.997-1014.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/fwb.13281>

Jiang, D. Jiang, K. Ren, J. Wu, J. Li, J. (2019). **Resurrection of the Genus *Leptomantis*, with Description of a New Genus to the Family Rhacophoridae (Amphibia: Anura)**. *Asian Herpetological Research*, 10(1): 1–12.

<http://www.ahr-journal.com/oa/DArticle.aspx?type=view&id=20190101>

Jiang, K. Wang, K. Wang, Y.-F. Li, C. Che, J. (2019). **A new species of the endemic Himalayan genus Liurana (Anura, Ceratobatrachidae) from southeastern Tibet, China, with comments on the distribution, reproductive biology, and conservation of the genus.** *Zoological Research* 40(3), pp.175-184.

https://www.researchgate.net/profile/Kai_Wang106/publication/331959640_A_new_species_of_the_endemic_Himalayan_genus_Liurana_Anura_Ceratobatrachidae_from_southeastern_Tibet_China_with_comments_on_the_distribution_reproductive_biology_and_conservation_of_the_genus/links/5c94e8fea6fdccd46033593c/A-new-species-of-the-endemic-Himalayan-genus-Liurana-Anura-Ceratobatrachidae-from-southeastern-Tibet-China-with-comments-on-the-distribution-reproductive-biology-and-conservation-of-the-genus.pdf

Khazan, E. S. Verstraten, T. Moore, M. P. Dugas, M. B. (2019). **Nursery crowding does not influence offspring, but might influence parental, fitness in a phytotelm-breeding frog.** *Behavioral Ecology and Sociobiology*, 73(33), pp.1-8.

<https://link.springer.com/article/10.1007/s00265-019-2642-7>

Khoshnamvand, H. Malekian, M. Keivani, Y. Goudarzi, F. (2019). **DNA barcoding of the Luristan newt (Neurergus kaiseri) in south-western Iran.** *Journal of Wildlife and Biodiversity*, 3(2), pp.11-17.

http://jwb.araku.ac.ir/article_34933_b8afe56d79c55f84805129efbef43007.pdf

Kissel, A. M. Palen, W. J. Ryan, M. E. Adams, M. J. (2019). **Compounding effects of climate change reduce population viability of a montane amphibian** (Book review). *Ecological Applications*, 29(2), p.e01832.

<https://esajournals.onlinelibrary.wiley.com/doi/pdf/10.1002/eap.1832>

Klonoski, K. Bi, K. Rosenblum, E. (2019). **Phenotypic and genetic diversity in aposematic Malagasy poison frogs (genus Mantella).** *Ecology and Evolution*, 9(5), pp.2725-2742.

<https://onlinelibrary.wiley.com/doi/10.1002/ece3.4943>

Knight, K. (2019). **Newt chewing is all in the tongue.** *Journal of Experimental Biology*, 222: jeb202549 doi: 10.1242/jeb.202549.

https://jeb.biologists.org/content/222/6/jeb202549?utm_source=TrendMD&utm_medium=cpc&utm_campaign=J_Exp_Biol_TrendMD_0

Kostanjšek, R. Prodan, Y. Stres, B. Trontelj, P. (2019). **Composition of the cutaneous bacterial community of a cave amphibian, *Proteus anguinus***. *FEMS Microbiology Ecology*, 95(3) pp.1-7.

<https://academic.oup.com/femsec/article-abstract/95/3/fiz007/5288338>

Kotze, A. Ralph, T. M. C. Barrow, L. N. Tarrant, J. du Preez, L. Madisha, M. T. Dalton, D. L. (2019). **Lack of phylogeographic structure in the endangered Pickersgill's Reed Frog; *Hyperolius pickersgilli* (Raw, 1982)**. *African Journal of Herpetology*. DOI: 10.1080/21564574.2018.1462064.

https://www.researchgate.net/profile/M_Madisha/publication/331624501_Lack_of_phylogeographic_structure_in_the_endangered_Pickersgill%27s_Reed_Frog_Hyperolius_pickersgilli_Raw_1982/links/5c88be0192851c1df93d603e/Lack-of-phylogeographic-structure-in-the-endangered-Pickersgills-Reed-Frog-Hyperolius-pickersgilli-Raw-1982.pdf

Krstičić Račković, J. Tomašević Kolarov, N., Labus, N. Yukov, T. (2019). **Interspecific size- and sex-related variation in the cranium of European brown frogs (Genus *Rana*)**. *Zoomorphology*, Online, pp 1–10.

<https://link.springer.com/article/10.1007/s00435-019-00441-9>

Kueneman, J. G. Bletz, M. C. McKenzie, V. J. Becker, C. G. Joseph, M. B. Abarca, J. G. Archer, H. Arellano, A. L. Bataille, A. Becker, M. et al. (2019). **Community richness of amphibian skin bacteria correlates with bioclimate at the global scale**. *Nature Ecology & Evolution*, 3, pp.381–389.

<https://www.nature.com/articles/s41559-019-0798-1>

Lara-Jacobo, L. R. Willard, B. Wallace, S. J. Langlois, V. S. (2019). **Cytochrome P450 1A transcript is a suitable biomarker of both exposure and response to diluted bitumen in developing frog embryos**. *Environmental Pollution*, 246, pp.501-508.

<https://www.ncbi.nlm.nih.gov/pubmed/30583158>

Le Sage, M. J. Towey, B. D. Brunner, J. L. (2019). **Do scavengers prevent or promote disease transmission? The effect of invertebrate scavenging on Ranavirus transmission**. *Functional Ecology*, pp.1–9, Online.

<https://besjournals.onlinelibrary.wiley.com/doi/abs/10.1111/1365-2435.13335>

Lee, K.-H. Chen, T.-H. Shang, G. Clulow, S. Yang, Y.-J. Lin, S.-M. (2019). **A check list and population trends of invasive amphibians and reptiles in Taiwan**. *ZooKeys*, 3, p.85(46)

<https://zookeys.pensoft.net/article/27535/>

Lemos-Espinal, J. A. Smith, G. R. Rorabaugh, J. C. (2019). **A conservation checklist of the amphibians and reptiles of Sonora, Mexico, with updated species lists.** *ZooKeys*, 3, p.131-160.

<https://zookeys.pensoft.net/article/32146/>

Lima, N. G. S. Oliveira, U. Souza, R. C. C. Eterovick, P. C. (2019). **Dynamic and diverse amphibian assemblages: Can we differentiate natural processes from human induced changes?** *PLoS ONE*, 14(3), p.e0214316

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0214316>

Litvinchuk, S. Melnikov, D. Hofmann, J. B. (2019). **Rediscovery of the high altitude lazy toad, *Scutiger occidentalis* Dubois, 1978, in India.** *Russian Journal of Herpetology* 26(1), pp.17-22

<https://www.researchgate.net/publication/331473433> Rediscovery of the high altitude lazy toad *Scutiger occidentalis* Dubois 1978 in India

Lukanov, S. Naumov, B. (2019). **Effect of anthropogenic noise on call parameters of *Hyla arborea* (Anura: Hylidae).** *Ecological Questions*, 30(1), pp.55–60.

<https://www.researchgate.net/publication/331554661> Effect of anthropogenic noise on call parameters of *Hyla arborea* Anura Hylidae

Luría-Manzano, R. Oropeza-Sánchez, M. T. Aguilar-López, J. L. Díaz-García, J. M. Pineda, E. (2019). **Dieta de la rana de hojarasca *Craugastor rhodopis* (Anura: Craugastoridae): una especie abundante en la región montañosa del este de México.** *Revista de Biología Tropical*. 67(1), pp.196-205.

<https://www.researchgate.net/publication/331372513> Dieta de la rana de hojarasca *Craugastor rhodopis* Anura Craugastoridae una especie abundante en la region montanosa del este de Mexico

Lyapkov, S. M. Ermakov, O. A. Titov, S. V. (2019). **Distribution and Origin of Two Forms of the Marsh Frog *Pelophylax ridibundus* Complex (Anura, Ranidae) from Kamchatka Based on Mitochondrial and Nuclear DNA Data.** *Biology Bulletin* 45(7), pp.699–705.

<https://link.springer.com/article/10.1134/S1062359018070117>

Madelaire, C. B. Cassettari, B. de O. Gomes, F. R. (2019). **Immunomodulation by testosterone and corticosterone in toads: Experimental evidences from transdermal application.** *General and Comparative Endocrinology*, 273, pp.227-235.

<https://www.sciencedirect.com/science/article/pii/S0016648017306767>

Maerz, J. C. Wilde, S. B. Terrell, V. K. Haram, B. Trimmer, R. C. Nunez, C. Cork, E. Pessier, A. Lannoo, S. Lannoo, M. J. Diamond, S. L. (2019). **Seasonal and plant specific vulnerability of amphibian tadpoles to the invasion of a novel cyanobacteria.** *Biological Invasions*, 21(3), pp.821–831.

<https://link.springer.com/article/10.1007/s10530-018-1861-6>

McInerney, E. P. Silla, A. J. Byrne, P. G. (2019). **Effect of carotenoid class and dose on the larval growth and development of the critically endangered southern corroboree frog.** *Conservation Physiology*, 7, coz009.

<https://academic.oup.com/conphys/article/7/1/coz009/5397778>

Measey, J. Basson, A. Rebelo, R. D. Nunes, A. L. Vimercati, G. Louw, M. Mohanty, M. P. (2019). **Why Have a Pet Amphibian? Insights from YouTube.** *Frontiers of Ecology and Evolution* 7, Online.

<https://www.frontiersin.org/articles/10.3389/fevo.2019.00052/full>

Mechkarska, M. Kolodziejek, J. Musale, V. Coquet, L. Leprince, J. Jouenne, T. Nowotny, N. Conlon, J. M. (2019). **Peptidomic analysis of the host-defense peptides in skin secretions of *Rana graeca* provides insight into phylogenetic relationships among Eurasian *Rana* species.** *Comparative Biochemistry and Physiology - Part D: Genomics and Proteomics*, 29, pp.228-234.

https://www.researchgate.net/publication/329954689_Peptidomic_analysis_of_the_host-defense_peptides_in_skin_secretions_of_Rana_graeca_provides_insight_into_phylogenetic_relationships_among_Eurasian_Rana_species

Medler, S. (2019). **Anesthetic MS-222 eliminates nerve and muscle activity in frogs used for physiology teaching laboratories.** *Advances in Physiology Education*, 43(1), pp.69-75.

<https://www.ncbi.nlm.nih.gov/pubmed/30694709>

Mendoza-Henao, A. M. Cortes-Gomez, A. M. Gonzalez, M. A. Hernandez-Córdoba, O. D. Acosta-Galvis, A. R. Castro-Herrera, F. et al. (2019). **A morphological database for Colombian anuran species from conservation-priority ecosystems.** *Ecology*, e02685.

<https://esajournals.onlinelibrary.wiley.com/doi/10.1002/ecy.2685>

Moran, D. Petersone, M. Verones, F. (2019). **Do Amphibians and Cash Crops Compete for Scarce Water? A Spatial Correlation Analysis** (Book review). *Sustainability*, 11(6), p.1822.

<https://www.mdpi.com/2071-1050/11/6/1822>

Muletz-Wolz, C. R. Barnett, S. E. Dizenzo, G. V. Zamudio, K. R. Toledo, L. F. James, T. Y. Lips, K. R. (2019). **Diverse genotypes of the amphibian-killing fungus produce distinct phenotypes through plastic responses to temperature.** *Journal of Evolutionary Biology*, 32(3), pp.287-298.

<https://onlinelibrary.wiley.com/doi/10.1111/jeb.13413>

Nneji, L. M. Adeola, A. C. Okeyoyin, A. Onadeko, A. B. et al. (2019). **First record of Foulassi Screeching Frog, *Arthroleptis adelphus* (Perret, 1966) (Anura, Arthroleptidae, Arthroleptinae), from Nigeria, with notes on its phylogenetic position.** *Check List* 15(2), pp.253-259.

<https://checklist.pensoft.net/articles.php?id=32947>

Novikova, P. Y. Brennan, I. G. Booker, W. Mahony, M. Doughty, P. Lemmon, A. R. Lemmon, E. M. Yant, L. Van de Peer, Y. Keogh, J. S. Donnellan, S. C. (2019). **Whole genome duplication potentiates inter-specific hybridisation and niche shifts in Australian burrowing frogs *Neobatrachus*.** *BioRxiv*, Preprint.

<https://www.biorxiv.org/content/10.1101/593699v1.full>

Ocock, J. Brandis, K. Wolfenden, B. Jenkins, K. Wassens, S. (2019). **Gut content and stable isotope analysis of tadpoles in floodplain wetlands.** *Australian Journal of Zoology*, ZO18043.

<http://www.publish.csiro.au/ZO/justaccepted/ZO18043>

Oliveira, C. Ávila, R. Morais, D. (2019). **Helminths Associated with Three *Physalaemus* Species (Anura: Leptodactylidae) from Caatinga Biome, Brazil.** *Acta Parasitologica*, 64(1), pp.205-212.

<https://link.springer.com/article/10.2478/s11686-018-00022-8>

Orchard, D. Tessa, G. Jehle, R. (2019). **Age and growth in a European flagship amphibian: equal performance at agricultural ponds and favourably managed aquatic sites.** *Aquatic Ecology*, 53(1), pp.37-48.

<https://link.springer.com/content/pdf/10.1007%2Fs10452-018-09671-3.pdf>

Ospina-Sarria, J. J. Duellman, W. E. (2019). **Two New Species of *Pristimantis* (Amphibia: Anura: Strabomantidae) from Southwestern Colombia.** *Herpetologica*, 75(1), pp.85-95.

<https://bioone.org/journals/Herpetologica/volume-75/issue-1/D-18-00019/Two-New-Species-of-iPristimantis-i-Amphibia--Anura/10.1655/D-18-00019.short>

Páez-Vacas, M. I. Oleas, N. H. (2019). **Isolation and characterization of 12 microsatellite loci in *Epipedobates anthonyi* (Amphibia: Anura: Dendrobatidae) for population genetic analysis.** *Molecular Biology Reports*, Online, pp.1–4.

<https://link.springer.com/article/10.1007/s11033-019-04771-1>

Penny, E. Brunetti, C. (2019). **Localization of Frog Virus 3 Conserved Viral Proteins 88R, 91R, and 94L** (Book review). *Viruses*, 11(3), p.276.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6466111/>

Phaka, F. M. Netherlands, E. C. Kruger, D. J. D. Du Preez, L. H. (2019). **Folk taxonomy and indigenous names for frogs in Zululand, South Africa.** *Journal of Ethnobiology and Ethnomedicine*, 15(1), pp.1-8.

<https://ethnobiomed.biomedcentral.com/track/pdf/10.1186/s13002-019-0294-3>

Qi, R-H. Chen, Y. Guo, Z-L. Zhang, F. Fang, Z. Huang, K. Yu, H-N. Wang, Y-P. (2019). **Identification and characterization of two novel cathelicidins from the frog *Odorrana livida*.** *Zoological Research*, 40(2), pp.94–101.

<https://www.ncbi.nlm.nih.gov/pubmed/30127328>

Quiroga, L. B. Sanabria, E. A. Fornés, M. W. Bustos, D. A. Tejado, M. (2019). **Sublethal concentrations of chlorpyrifos induce changes in the thermal sensitivity and tolerance of anuran tadpoles in the toad *Rhinella arenarum*?** *Chemosphere*, 219, pp.671-677.

<https://www.sciencedirect.com/science/article/pii/S0045653518323816>

Ramos, E. K. S. Magalhães, R. F. de. Marques, N. C. S. Baêta, D. Garcia, P. C. A. Santos, F. R. (2019). **Cryptic diversity in Brazilian endemic monkey frogs (Hylidae, Phyllomedusinae, Pithecopus) revealed by multispecies coalescent and integrative approaches.** *Molecular Phylogenetics and Evolution*, 132, pp.105-116.

<https://www.sciencedirect.com/science/article/pii/S1055790318300770>

Rebelo, A. D. Measey, J. (2019). **Locomotor performance constrained by morphology and habitat in a diverse clade of African frogs (Anura: Pyxicephalidae).** *Biological Journal of the Linnean Society*, 2019, XX, 1–14.

<https://academic.oup.com/biolinnean/advance-article-abstract/doi/10.1093/biolinnean/blz007/5370278>

Rebollar, E. A. Bridges, T, Hughey, M. C. Medina, D. Belden L. K. Harris, R. N. (2019). **Integrating the role of antifungal bacteria into skin symbiotic communities of three Neotropical frog species.** *The ISME Journal*, Online.

<https://www.nature.com/articles/s41396-019-0388-x>

Reilly, S. B. Stubbs, A. L. Karin, B. R. Arida, E. Iskandar, D. T. McGuire, J. A. (2019). **Recent and rapid colonization of the Lesser Sundas Archipelago from adjacent Sundaland by seven amphibian and reptile species.** *BioRxiv*, Preprint.

<https://www.biorxiv.org/content/biorxiv/early/2019/03/09/571471.full.pdf>

Reyes-Puig, C. Reyes-Puig, J. P. Velarde-Garcéz, D. A. Dávalos, N. Mancero, E. Navarrete, M. J. Yáñez-Muñoz, M. H. Cisneros-Heredia, D. F. Ron, S. R. (2019). **A new species of terrestrial frog *Pristimantis* (*Strabo mantidae*) from the upper basin of the Pastaza River, Ecuador.** *ZooKeys* 832, pp. 113-133.

<https://zookeys.pensoft.net/articles.php?id=30874>

Robert, J. McGuire, C. C. Nagel, S. Lawrence, B. P. Andino, F. D. J. (2019). **Developmental exposure to chemicals associated with unconventional oil and gas extraction alters immune homeostasis and viral immunity of the amphibian *Xenopus*.** *Science of the Total Environment* 671, pp.644–654.

https://www.researchgate.net/profile/Jacques_Robert/publication/332001516_Developmental_exposure_to_chemicals_associated_with_unconventional_oil_and_gas_extraction_alters_immune_homeostasis_and_viral_immunity_of_the_amphibian_Xenopus/links/5ca337ab299bf1b86d5e55d4/Developmental-exposure-to-chemicals-associated-with-unconventional-oil-and-gas-extraction-alters-immune-homeostasis-and-viral-immunity-of-the-amphibian-Xenopus.pdf

Rollins-Smith, L. A. Ruzzini, A. C. Fites, J. S. Reinert, L. K. Hall, E. M. Joosse, B. A. Ravikumar, V. I. Huebner, M. I. Aka, A. Kehs, M. H. Gillard, B. M. Doe, E. Tasca, J. A. Umile, T. P. Clardy, J. Minbiole, K. P. C. (2019). **Metabolites involved in immune evasion by *Batrachochytrium dendrobatidis* include the polyamine spermidine.** *Infection & Immunity*. pp.1-33. doi:10.1128/IAI.00035-19

<https://iai.asm.org/content/early/2019/02/27/IAI.00035-19>

Romanova, E. B. Shapovalova, K. V. Mar'in, I. A. (2019). **Myelograms of Marsh (*Pelophylax ridibundus*) and Pool (*Pelophylax lessonae*) Frogs (Amphibia: Ranidae) from Conventionally "Intact" Reservoir of Nizhni Novgorod Region and from Reservoir Transformed by Human Activity.** *Biology Bulletin* 45(10), pp 1250–1256.

<https://link.springer.com/article/10.1134/S1062359018100254>

Roncevic, T. Krce, L. Gerdol, M. Pacor, S. Benincasa, M. Guida, F. Aviani, I. Cikes-Culic, V. Pallavicini, A. Maravic, A. Tossi, A. (2019). **Membrane-active antimicrobial peptide identified in *Rana arvalis* by targeted DNA sequencing.** (Report). *BBA - Biomembranes*, 1861(3), p.651.

<https://www.sciencedirect.com/science/article/pii/S000527361830364X>

Ruchin, A. B. (2019). **The effect of illumination and light spectrum on growth and larvae development of *Pelophylax ridibundus* (Amphibia: Anura).** *Biological Rhythm Research*, Online, p.1-12.

<https://www.tandfonline.com/doi/abs/10.1080/09291016.2019.1594126?af=R&journalCode=nbr20>

Sánchez-Nivicela, J. C. Urgiles, V. L. Navarrete, M. J. Yáñez-Muñoz, M. H. Ron, S. (2019). **A bizarre new species of *Lynchius* (Amphibia, Anura, Strabomantidae) from the Andes of Ecuador and first report of *Lynchius parkeri* in Ecuador.** *Zootaxa* 4567(1):1

https://www.researchgate.net/publication/331743440_A_bizarre_new_species_of_Lynchius_Amphibia_Anura_Strabomantidae_from_the_Andes_of_Ecuador_and_first_report_of_Lynchius_parkeri_in_Ecuador

Santos, T. A. P. Argolo, E. G. G. Santos, A. N. Rodrigues, A. R. O. González, C. E. Santos, J. N. Melo, F. T. V. (2019). **A new species of *Parapharyngodon Chatterji, 1933* (Oxyuroidea: Pharyngodonidae), parasitic in *Osteocephalus taurinus* (Anura: Hylidae) from Brazil** (Book review). *Journal of Helminthology*, 93(2), pp.220-225.

<https://www.cambridge.org/core/journals/journal-of-helminthology/article/new-species-of-parapharyngodon-chatterji-1933-oxyuroidea-pharyngodonidae-parasitic-in-osteocephalus-taurinus-anura-hylidae-from-brazil/EF3628BCF9F39DE5F9FF8C60E9CFD00F>

Saucedo, B. Garner, T. W. J. Kruithof, N. Allain, S. J. R. Goodman, M. J. Cranfield, R. J. Sergeant, C. Vergara, D. A. Kik, M. J. L. Forzán, M. J. van Beurden, S. J. Gröne, A. (2019). **Common midwife toad ranaviruses replicate first in the oral cavity of smooth newts (*Lissotriton vulgaris*) and show distinct strain-associated pathogenicity.** *Scientific Reports*, 9, Article number: 4453, Online, pp.1-10.

<https://www.nature.com/articles/s41598-019-41214-0.pdf>

Scaia, M. F. Volonteri, M. C. Czuchlej, S. C. Ceballos, N. R. (2019). **Estradiol and reproduction in the South American toad *Rhinella arenarum* (Amphibian, Anura).** *General and Comparative Endocrinology*, 273, pp.20-31.

<https://www.sciencedirect.com/science/article/pii/S001664801730847X>

Scheele, B. C. Pasmans, F. Skerratt, L. F. Berger, L. Martel, A. Beukema, W. Acevedo, A. A. Burrowes, P. A. et al. (2019). **Amphibian fungal panzootic causes catastrophic and ongoing loss of biodiversity.** *Science* 363(6434), pp. 1459-1463.

<http://science.sciencemag.org/content/363/6434/1459>

Scherz, M. D. Hutter, C. R. Rakotoarison, A. Riemann, J. C. Rödel, M. O. Ndriantsoa, S. H. Glos, J. Roberts, S. H. Crottini, A. Vences, M. Glaw, F. (2019) **Morphological and ecological convergence at the lower size limit for vertebrates highlighted by five new miniaturised microhylid frog species from three different Madagascan genera.** *PLoS ONE* 14: e0213314.

<https://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0213314&type=printable>

Schmidt, K. Pearson, R. G. Alford, R. A. Puschendorf, R. (2019). **Tadpole species have variable roles in litter breakdown, sediment removal, and nutrient cycling in a tropical stream.** *Freshwater Science*, 38(1), pp.103-112.

<https://www.journals.uchicago.edu/doi/pdfplus/10.1086/701673>

Sclavi, B. Herrick, J. (2019). **Genome size variation and species diversity in salamanders.** *Journal of Evolutionary Biology*, 32(3), p.278-286.

<https://onlinelibrary.wiley.com/doi/10.1111/jeb.13412>

Shu, Y. Hong, P. Yu, Q. Wang, G. Zhang, J. Donde, O. O. Xiao, B. Wu H. (2019). **High-Throughput Sequencing Analysis Reveals Correlations between Host Phylogeny, Gut Microbiota, and Habitat of Wild Frogs from a Mountainous Area.** *Copeia*, 107(1), pp.131-137.

<https://bioone.org/journals/Copeia/volume-107/issue-1/OT-18-040/High-Throughput-Sequencing-Analysis-Reveals-Correlations-between-Host-Phylogeny-Gut/10.1643/OT-18-040.short>

Siegel, D. S. Long, C. L. Herrboldt, M. Trauth, S. E. (2019). **Comparative Histomorphology of Oviducts from Metamorphic and Paedomorphic *Ambystoma talpoideum* (Caudata: Ambystomatidae).** *Copeia; North Miami*, 107.

<https://www.asihcopeiaonline.org/doi/abs/10.1643/CG-18-146>

Slaby, S. Titran, P. Marchand, G. Hanotel, J. Lescuyer, A. Leprêtre, A. Bodart, J-F. Marin, M. Lemiere, S. (2019). **Effects of glyphosate and a commercial formulation Roundup® exposures on maturation of *Xenopus laevis* oocytes.** *Environmental Science and Pollution Research International*, March 2019, Online, pp.1-9.

<https://www.ncbi.nlm.nih.gov/pubmed/30835066>

Spring, S. Lehner, M. Huber, L. Ringler, E. (2019). **Oviposition and father presence reduce clutch cannibalism by female poison frogs.** *Frontiers in Zoology* 16(8), pp.1-9.

<https://frontiersinzoology.biomedcentral.com/track/pdf/10.1186/s12983-019-0304-2>

Swanson, J. E. Pierce, C. L. Dinsmore, S. J. Smalling, K. L. Vandever, M. W. Stewart, T. W. Muths, E. (2019). **Factors Influencing Anuran Wetland Occupancy in an Agricultural Landscape.** *Herpetologica*, 75(1), pp.47-56.

https://www.researchgate.net/publication/330771845_Factors_Influencing_Anuran_Wetland_Occupancy_in_an_Agricultural_Landscape

Szuroczki, D. Koprivnikar, J. Baker, R.L. (2019). **Effects of dietary antioxidants and environmental stressors on immune function and condition in Lithobates (Rana) sylvaticus.** *Comparative Biochemistry and Physiology, Part A*, 229, pp.25-32.

<https://www.ncbi.nlm.nih.gov/pubmed/30502473>

Tereshina, M. B Ivanova, A. S. Eroshkin, F. M. Korotkova, D. D. Nesterenko, A. M. Bayramov, A. V. Solovieva, E. A. Parshina, E. A. Orlov, E. E. Martynova, N. Y. Zaraisky, A. G. (2019). **Agr2-interacting Prod1-like protein Tfp4 from Xenopus laevis is necessary for early forebrain and eye development as well as for the tadpole appendage regeneration.** *Genesis (New York, N.Y. : 2000)*, 26, pp.e23293

https://www.researchgate.net/profile/Andrey_Zaraisky/publication/331990258_Agr2-interacting_Prod1-like_protein_Tfp4_from_Xenopus_laevis_is_necessary_for_early_forebrain_and_eye_development_as_well_as_for_the_tadpole_appendage_regeneration/links/5c9a182a45851506d72c5dde/Agr2-interacting-Prod1-like-protein-Tfp4-from-Xenopus-laevis-is-necessary-for-early-forebrain-and-eye-development-as-well-as-for-the-tadpole-appendage-regeneration.pdf

Tóth, Z. Kurali, A. Móricz, Á. Hettyey, A. (2019). **Changes in Toxin Quantities Following Experimental Manipulation of Toxin Reserves in Bufo bufo Tadpoles.** *Journal of Chemical Ecology*, 45(3), pp.253-263.

<https://link.springer.com/article/10.1007%2Fs10886-019-01045-9>

Theska, T. Wilkinson, M. Gower, D. J. Müller, H. (2019). **Musculoskeletal development of the Central African caecilian *Idiocranium russeli* (Amphibia: Gymnophiona: Indotyphlidae) and its bearing on the re-evolution of larvae in caecilian amphibians.** *Zoomorphology*, 138(1), pp.137–158.

<https://link.springer.com/article/10.1007/s00435-018-0420-0>

Thorp, C. J. Vonesh, J. R. Measey, J. (2019). **Cannibalism or congeneric predation? The African clawed frog, *Xenopus laevis* (Daudin), preferentially predated on larvae of Cape platannas, *Xenopus gilli* Rose & Hewitt.** *African Journal of Ecology*, 57, pp.59-65.

https://www.researchgate.net/profile/G_Measey/publication/329014812_Cannibalism_or_congeneric_predation_The_African_clawed_frog_Xenopus_laevis_Daudin_preferentially_predates_on_larvae_of_Cape_platannas_Xenopus_gilli_Rose_Hewitt/links/5bfcfa28458515b41d108620/Cannibalism-or-congeneric-predation-The-African-clawed-frog-Xenopus-laevis-Daudin-preferentially-predates-on-larvae-of-Cape-platannas-Xenopus-gilli-Rose-Hewitt.pdf

Thygesen, M. M. Lauridsen, H. Pedersen, M. Orlowski, D. Mikkelsen, T. W. Rasmussen, M. M. (2019). **A clinically relevant blunt spinal cord injury model in the regeneration competent axolotl (*Ambystoma mexicanum*) tail.** (Report). *Experimental and Therapeutic Medicine*, 17(3), p.2322(7)

<https://www.spandidos-publications.com/etm/17/3/2322>

Tóth, Z. Kurali, A. Móricz, Á. Hettyey, A. (2019). **Changes in Toxin Quantities Following Experimental Manipulation of Toxin Reserves in *Bufo bufo* Tadpoles.** *Journal of Chemical Ecology*, 45(3), pp.253-263.

<https://link.springer.com/content/pdf/10.1007%2Fs10886-019-01045-9.pdf>

Trochet, A. Deluen, M. Bertrand, R. Calvez, O. Martínez-Silvestre, A. Verdaguer-Foz, I. Mossoll-Torres, M. Souchet, J. Darnet, E. Le Chevalier, H. Guillaume, O. Aubret, F. (2019). **Body Size Increases with Elevation in Pyrenean Newts (*Calotriton asper*).** *Herpetologica*, 75(1), pp.30-37.

<https://bioone.org/journals/Herpetologica/volume-75/issue-1/D-18-00011/Body-Size-Increases-with-Elevation-in-Pyrenean-Newts-iCalotriton-asper/10.1655/D-18-00011.short>

Urošević, A. Tomović, L. Krizmanić, I et al. (2019). **Distribution and diversity of brown frogs (*Rana* spp., *Anura*, *Amphibia*) in Serbia.** *Bulletin of the Natural History Museum*, 11, pp.227-245.

http://ibiss-r.rcub.bg.ac.rs/bitstream/handle/123456789/3292/BullNatHistMuseum_2018_11_227-245.pdf?sequence=1&isAllowed=y

Vijayakumar, S. P. Pyron, R. A. Dinesh, K. P. Torsekar, V. R. Srikanthan, A. N. Swamy, P. Stanley, E. L. Blackburn, D. C. Shanker, K. (2019). **A new ancient lineage of frog (*Anura*: *Nyctibatrachidae*: *Astrobatrachinae* subfam. nov.) endemic to the Western Ghats of Peninsular India.** *PeerJ*, DOI 10.7717/peerj.6457.

<https://peerj.com/articles/6457/>

Villa, A. Delfino, M. Lujan, A. H. Almecija, S. Alba, D. M. (2019). **First record of *Latonia gigantea* (*Anura*, *Alytidae*) from the Iberian Peninsula.** *Historical Biology*, 31(3), pp.371-382.

<https://www.tandfonline.com/doi/abs/10.1080/08912963.2017.1371712?journalCode=ghbi20>

Vo, N. T. K. Moore, L. C. Leis, E. Dewitte-Orr, S. J. (2019). **Class A scavenger receptors mediate extracellular dsRNA sensing, leading to downstream antiviral gene expression in a novel American toad cell line, BufoTad.** *Developmental & Comparative Immunology*, 92, pp. 140-149.

<https://www.ncbi.nlm.nih.gov/pubmed/30452932>

Wang, X. Huang, Y. Zhong, M. Yang, S. Yang, X. Jiang, J. Hu, J. (2019). **Environmental stress shapes life-history variation in the swelled-vented frog (*Feirana quadranus*).** *Evolutionary Ecology*, Online, pp.1-14.

<https://link.springer.com/article/10.1007/s10682-019-09980-5>

Warne, R. W. Kirschman, L. Zeglin, L. (2019). **Manipulation of gut microbiota during critical developmental windows affects host physiological performance and disease susceptibility across ontogeny.** *Journal of Animal Ecology*, Online pp.1-12.

<https://besjournals.onlinelibrary.wiley.com/doi/abs/10.1111/1365-2656.12973>

Wei, L. Shao, W. Fan, X. Flanders, J. Ding, G. Lin, Z. (2019). **Advertisement calls of Guenther's frog *Hylarana guentheri* (Anura: Ranidae) during the breeding season.** *Bioacoustics*, 28(2), p.129-139.

<https://www.tandfonline.com/doi/abs/10.1080/09524622.2017.1408494>

Xie, L. Li, X. Y. Liang, K. Wu, C. Wang, H. Y. Zhang, Y. H. (2019). **Octylphenol influence growth and development of *Rana chensinensis* tadpoles via disrupting thyroid function.** *Ecotoxicology and Environmental Safety*, 169, pp.747-755.

<https://www.ncbi.nlm.nih.gov/pubmed/30502525>

Xiong, J. Lv, Y. Huang, Y. Liu, Q. (2019). **The First Transcriptome Assembly of Yenyuan Stream Salamander (*Batrachuperus yenyuanensis*) Provides Novel Insights into Its Molecular Evolution.** *International Journal of Molecular Sciences*, 20(7), p.1529.

<https://www.mdpi.com/1422-0067/20/7/1529>

Yang, J.-H. Huang, X.-Y. (2019) **A New Species of Scutigera (Anura: Megophryidae) from the Gaoligongshan Mountain Range, China.** *Copeia*, 107(1), pp.10-21.

https://www.researchgate.net/publication/330548414_A_New_Species_of_Scutiger_Anura_Megophryidae_from_the_Gaoligongshan_Mountain_Range_China

Yuan, Z. Liu, X. Wang, K. Wang, J. Chen, J. Jin, J. Wei, P. Zhou, J. Che, J. (2019). **Nidirana chapaensis (Bourret, 1937), one additional anuran species for the amphibian fauna of China.** *Zootaxa* 4571(4), pp.580–588.

https://www.researchgate.net/profile/Kai_Wang106/publication/332059146_Nidirana_chapaensis_Bourret_1937_one_additional_anuran_species_for_the_amphibian_fauna_of_China/links/5ca012c545851506d73621cb/Nidirana-chapaensis-Bourret-1937-one-additional-anuran-species-for-the-amphibian-fauna-of-China.pdf

Zamora-Camacho, F. J. Comas, M. (2019). **Beyond Sexual Dimorphism and Habitat Boundaries: Coloration Correlates with Morphology, Age, and Locomotor Performance in a Toad.** *Evolutionary Biology*, 46(1), pp.60-70.

<https://link.springer.com/article/10.1007/s11692-018-9466-7>

Zhang, W. Chen, L. Xu, Y. Deng, Y. Zhang, L. Qin, Y. Wang, Z. Liu, R. Zhou, Z. Diao, J. (2019). **Amphibian (Rana nigromaculata) exposed to cyproconazole: Changes in growth index, behavioral endpoints, antioxidant biomarkers, thyroid and gonad development.** *Aquatic Toxicology*, 208, pp.62-70.

<https://www.ncbi.nlm.nih.gov/pubmed/30639745>

Zhao, T. Wang, X. Y. Wang, X. G. Wang, S. S. Chen, Y. H. Jiang, J. P. (2019). **Effects of urea on behavior and functional traits of Asiatic toad (Bufo gargarizans) tadpoles.** *Aquatic Ecology*, 53(1), pp.9-19.

<https://link.springer.com/article/10.1007/s10452-018-9669-0>

April

Acosta-Chaves, V. J. Madrigal-Elizondo, V. Chaves, G. Mulberry-Chacón, B. Garcia-Rodriguez. A. Bolaños, F. (2019) **Shifts in the diversity of an amphibian community from a premontane forest of San Ramón, Costa Rica.** *Revista de Biología Tropical* 67(2), pp.259-273.

https://www.researchgate.net/publication/332872944_Shifts_in_the_diversity_of_an_amphibian_community_from_a_premontane_forest_of_San_Ramon_Costa_Rica?fbclid=IwAR0VCZLkbE_PmZ4xqrqYDx067zHc825ryM7PESIXc_3mCfXhG541GAQYLvs

Adelizzi, R. Portmann, J. Van Meter, R. (2019). **Effect of Individual and Combined Treatments of Pesticide, Fertilizer, and Salt on Growth and Corticosterone Levels of Larval Southern Leopard Frogs (Lithobates sphenoccephala).** *Archives of Environmental Contamination and Toxicology*, Online, pp.1–11.

<https://link.springer.com/article/10.1007/s00244-019-00629-6>

Angel, A. Reyes, P. Gubler, U. Monsen, K. Hazard, L. Goodey, N. (2019). **Development of a Rapid, DNA-Based Field Test for Detection of Ranavirus, an Emerging Amphibian Disease.** *Biochemistry and Molecular Biology*, 33(1), Online.

https://www.fasebj.org/doi/abs/10.1096/fasebj.2019.33.1_supplement.635.1

Anzaldua, S. P. Goldberg, J. (2019). **Hotspot of tadpole abnormality in suburban south-west Florida.** *Herpetological Journal*, 29, pp.115-124.

https://www.researchgate.net/profile/Sharon_Pratt_Anzaldua/publication/332144204_Hotspot_of_tadpole_abnormality_in_suburban_south-west_Florida/links/5ca338da299bf1b86d5e5617/Hotspot-of-tadpole-abnormality-in-suburban-south-west-Florida.pdf

Arun, D. Akbarsha, M. A. Oommen, O. V. Divya, L. (2019). **Light and transmission electron microscopic structure of skin glands and dermal scales of a caecilian amphibian *Gegeneophis ramaswamii*, with a note on antimicrobial property of skin gland secretion.** *Microscopy Research and Technique*, Early View, Online.

<https://onlinelibrary.wiley.com/doi/pdf/10.1002/jemt.23276>

Babangenge, G. B. Jocqué, R. Masudi, F. M. Rödel, M-O. Burger, M. Gvoždík, V. Pauwels, O. S. G. (2019). **Frog-eating Spiders in the Afrotropics: An Analysis of Published and New Cases.** *Bulletin of the Chicago Herpetological Society* 54(3):57-63.

https://www.researchgate.net/profile/Olivier_Pauwels/publication/332031076_Frog-eating_Spiders_in_the_Afrotropics_an_analysis_of_published_and_new_cases/links/5c9bc7ec299bf111694bc0b1/Frog-eating-Spiders-in-the-Afrotropics-an-analysis-of-published-and-new-cases.pdf

Bell, B. D. Easton, L. J. Walker, K. J. Woolley, C. K. (2019). **Physical contact between a native frog (*Leiopelma pakeka*) and a carnivorous land snail (*Powelliphanta hochstetteri obscura*): what was going on?** *New Zealand Journal of Zoology*, 46(2), p.182-187.

<https://www.tandfonline.com/doi/abs/10.1080/03014223.2018.1538055?journalCode=tnzz20>

Borzée, A. Yikweon, J. (2019). **Policy recommendation for the conservation of the Suweon Treefrog (*Dryophytes suweonensis*) in the Republic of Korea.** *Frontiers in Environmental Science*, Policy Brief, DOI: 10.3389/fenvs.2019.00039.

https://www.researchgate.net/publication/331715567_Policy_recommendation_for_the_conservation_of_the_Suweon_Treefrog_Dryophytes_suweonensis_in_the_Republic_of_Korea?fbclid=IwAR27vSMHB8ECh5tNPnctI3NFsKywpQ42rU1TE1mllweNtxDsbo6cbmk74A

Bosch, J. Bielby, J. Martin-Beyer, B. Rincon, P. Correa-Araneda, F. Boyero, L. (2019). **Eradication of introduced fish allows successful recovery of a stream-dwelling amphibian.** *PLoS ONE* 14(4), e0216204.

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0216204>

Box, J. Harpham, E. Jackson, R. (2019). **Translocation of a large population of great crested newts.** *The Herpetological Journal*, 29(2), pp.82-94.

https://www.researchgate.net/publication/332329841_Translocation_of_a_large_population_of_great_crested_newts

Brannelly, L. A. Ohmer, M. E. B. Richards-Zawacki, C. L. (2019). **Artificial reproduction using leuprolide acetate in the frog *Rana pipiens*.** *Herpetological Journal*, 29(2), pp.125-130.

https://www.researchgate.net/publication/332139500_Artificial_reproduction_using_leuprolide_acetate_in_the_frog_Rana_pipiens

Bredeweg, E. M. Urbina, J. Morzillo, A. T. Garcia, T. S. (2019). **Starting on the Right Foot: Carryover Effects of Larval Hydroperiod and Terrain Moisture on Post-Metamorphic Frog Movement Behavior.** *Frontiers in Ecology and Evolution*, 7, Article 97, pp.1-10.

https://www.frontiersin.org/articles/10.3389/fevo.2019.00097/full?utm_source=F-DTF&utm_medium=EMLX&utm_campaign=PRD_FEOPS_20170000_ARTICLE

Briand, A. Laidebeure, S. Lécuyer, A. Lemberger, K. Nicolier, A. Wohltmann, A. Guillot, J. (2019). **Intradermal infection by chigger mites (*Endotrombicula madagascariensis*) in a group of *Mantella baroni* frogs illegally imported from Madagascar.** *Journal of Exotic Pet Medicine*, 29, pp.131-135.

https://www.researchgate.net/publication/329053990_Intradermal_infection_by_chigger_mites_Endotrombicula_madagascariensis_in_a_group_of_Mantella_baroni_frogs_illegally_imported_from_Madagascar

Buss, N. Wersebe, M. Hua, J. (2019). **Direct and indirect effects of a common cyanobacterial toxin on amphibian-trematode dynamics.** *Chemosphere*, 220, pp.731-737.

<https://www.ncbi.nlm.nih.gov/pubmed/30611071>

Caballero-Gini, A. Vera-Jiménez, M. Silla, F. (2019). **Composition of Terrestrial Anurans in Areas with Different Degrees of Alteration in San Rafael National Park (Paraguay).** *South American Journal of Herpetology*, 14(1), pp.48-57.

<https://bioone.org/journals/South-American-Journal-of-Herpetology/volume-14/issue-1/SAJH-D-17-00050.1/Composition-of-Terrestrial-Anurans-in-Areas-with-Different-Degrees-of/10.2994/SAJH-D-17-00050.1.short>

Caldart, V. M. Loebens, L. Brum, A. J. C. Bataioli, L. Cechin, S. Z. (2019). **Reproductive Cycle, Size and Age at Sexual Maturity, and Sexual Dimorphism in the Stream-Breeding Frog *Crossodactylus schmidti* (Hylodidae)**. *South American Journal of Herpetology*, 14(1), pp.1-11.

<https://bioone.org/journals/South-American-Journal-of-Herpetology/volume-14/issue-1/SAJH-D-17-00060.1/Reproductive-Cycle-Size-and-Age-at-Sexual-Maturity-and-Sexual/10.2994/SAJH-D-17-00060.1.short>

Carvalho, W. F. Ruiz de Arcaute, C. Pérez-Iglesias, J. M. Laborde, M. R. R. Soloneski, S. Larramendy, M. L. (2019). **DNA damage exerted by mixtures of commercial formulations of glyphosate and imazethapyr herbicides in *Rhinella arenarum* (Anura, Bufonidae) tadpoles** (Book review). *Ecotoxicology*, 28(3), pp 367–377.

<https://link.springer.com/article/10.1007/s10646-019-02029-x>

Casey, B. Shimeta, J. Hughes, J. (2019). **Daily and seasonal calling activity of the growling grass frog '*Litoria raniformis*' in northern suburban Melbourne**. *The Victorian Naturalist*, 136(2), pp.64-69.

<https://search.informit.com.au/documentSummary;dn=418446340361984;res=IELHSS>

Castro, M. S. Kaumeyer, M. Hilderbrand, R. H. (2019). **Variations in Tissue Mercury Contents in Three Species of Adult Salamanders in Streams in Western Maryland** (Book review). *Archives of Environmental Contamination and Toxicology*, 76(3), pp.435-441.

<https://link.springer.com/article/10.1007%2Fs00244-019-00606-z>

Catenazzi, A. Ttito, A. (2019). ***Noblella thiuni* sp. n., a new (singleton) species of minute terrestrial-breeding frog (Amphibia, Anura, Strabomantidae) from the montane forest of the Amazonian Andes of Puno, Peru**. *PeerJ*, Online, pp1-18.

https://peerj.com/articles/6780/?utm_source=TrendMD&utm_campaign=PeerJ_TrendMD_0&utm_medium=TrendMD

Childers, C. Storey, K. (2019). **Purification and characterization of a urea sensitive lactate dehydrogenase from skeletal muscle of the African clawed frog, *Xenopus laevis***. *Journal of Comparative Physiology. B, Biochemical, Systemic, and Environmental Physiology*, 189(2), pp.271-281.

https://www.researchgate.net/profile/Barbara_Katzenback/publication/260998362_Purification_and_characterization_of_a_urea_sensitive_lactate_dehydrogenase_from_the_liver_of_the_African_clawed_frog_Xenopus_laevis/links/00b7d533c3a82c6d7d000000.pdf

Christie, K. Schul, J. Feng, A. (2019). **Differential effects of sound level and temporal structure of calls on phonotaxis by female gray treefrogs, *Hyla versicolor*.** *Journal of Comparative Physiology*, 205(2), pp.223-238.

<https://link.springer.com/article/10.1007/s00359-019-01325-5>

Cohen, K. L. Piacentino, M. L. Warkentin, K. M. (2019). **Two types of hatching gland cells facilitate escape-hatching at different developmental stages in red-eyed treefrogs, *Agalychnis callidryas* (Anura: Phyllomedusidae).** *Biological Journal of the Linnean Society*, 126(4), pp.751–767.

<https://academic.oup.com/biolinnean/article-abstract/126/4/751/5312889>

Contreras-Calvario, A. I. Mora-Reyes, A. Parra-Olea, G. Mendoza, A. M. (2019). **New record of the introduced species *Eleutherodactylus planirostris* (Anura: Eleutherodactylidae) in the state of Veracruz, Mexico.** *Herpetological Journal*, 28, pp.96-99.

https://www.researchgate.net/profile/Angela_Mendoza16/publication/324227532_New_record_of_the_introduced_species_Eleutherodactylus_planirostris_Anura_Eleutherodactylidae_in_the_state_of_Veracruz_Mexico_Herpetological_Journal/links/5b6b26fd45851546c9f6d1fc/New-record-of-the-introduced-species-Eleutherodactylus-planirostris-Anura-Eleutherodactylidae-in-the-state-of-Veracruz-Mexico-Herpetological-Journal.pdf

Cortazar-Chinarro, M. Meurling, S. Schroyens, L. Siljestam, M. Ritcher-Boix, A. Laurila, A. Höglund, J. (2019). **Latitudinal MHC variation and haplotype associated differential survival in response to experimental infection of two strains of *Batrachochytrium dendrobatitis* (Bd-GPL) in common toads.** *BioRxiv*, Preprint.

<https://www.biorxiv.org/content/10.1101/597559v1.abstract>

Cronin, A. D. Ryan, M. J. Page, R. A. Hunter, K. L. Taylor, R. C. (2019). **Environmental heterogeneity alters mate choice behavior for multimodal signals.** *Behavioral Ecology and Sociobiology* 73(43).

<https://link.springer.com/article/10.1007/s00265-019-2654-3#citeas>

Cryer, J. Wynne, F. Price, S. Puschendorf, R. (2019). **Cryptic diversity in *Lithobates warszewitschii* (Amphibia, Anura, Ranidae).** *ZooKeys*, 838, pp.49-69.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6477815/pdf/zookeys-838-049.pdf>

Didde, R. D. Rivera, G. (2019). **Patterns of fluctuating asymmetry in the limbs of anurans.** *Journal of Morphology*, 280(4), pp.587-592.

<https://onlinelibrary.wiley.com/doi/full/10.1002/jmor.20967>

Ding, G.-H. Chen, Z.-Q. Tang, Y. Lin, Z.-H. (2019). **The advertisement call of *Leptobranchella liui* Fei and Ye, 1990 (Anura: Megophryidae).** *Zootaxa* 4576(3):588.

<https://www.researchgate.net/publication/332181329> The advertisement call of *Leptobranchella liui* Fei and Ye 1990 Anura Megophryidae

Dornas, R. A. P. Teixeira, F. Z. Gonsioroski, G. Nóbrega, R. A. A. (2019). **Strain by the train: Patterns of toad fatalities on a Brazilian Amazonian railroad.** *Science of The Total Environment*, 660, pp.493-500.

<https://www.researchgate.net/publication/330151311> Strain by the train Patterns of toad fatalities on a Brazilian Amazonian railroad

Downie, J. R. Larcombe, V. Stead, J. (2019). **Amphibian conservation in Scotland: A review of threats and opportunities.** *Aquatic Conservation*, 29(4), pp.647-654.

<https://onlinelibrary.wiley.com/doi/abs/10.1002/aqc.3083>

Drillon, O. Dufresnes, G. Perrin, N. Crochet, P.-A. Dufresnes, C. (2019). **Reaching the edge of the speciation continuum: hybridization between three sympatric species of *Hyla* tree frogs.** *Biological Journal of the Linnean Society*, 126(4), pp.743–750.

<https://academic.oup.com/biolinnean/article-abstract/126/4/743/5304792>

Du, X. Yuan, B. Zhou, Y. Zheng, Z. Wu, Y. Qiu, Y. Zhao, J. Yin, G. (2019). **Tissue-Specific Accumulation, Sexual Difference, and Maternal Transfer of Chlorinated Paraffins in Black-Spotted Frogs.** *Environmental Science and Technology*, Online.

<https://pubs.acs.org/doi/pdf/10.1021/acs.est.8b06350>

Edholm, E-S. I. Andino, F, D-J. Yim, J. Woo, K. Robert, J. (2019). **Critical Role of an MHC Class I-Like/Innate-Like T Cell Immune Surveillance System in Host Defense against Ranavirus (Frog Virus 3) Infection.** *Viruses*, 11(4), 330.

<https://www.mdpi.com/1999-4915/11/4/330>

Egeater, B. Roe, C. Peixoto, S. Puppo, P. Easton, L. J. Pinto, J. Bishop, P. J. Robertson, B. C. (2019). **Using molecular diet analysis to inform invasive species management: A case study of introduced rats consuming endemic New Zealand frogs.** *Ecology and Evolution*, 0(0), pp.1-17.

<https://onlinelibrary.wiley.com/doi/epdf/10.1002/ece3.4903?fbclid=IwAR13fUaRmsX6fwJSVi51Hltx3Znyd7HaGADj0GHCU71566e4HrZFdmuF6q8>

Elias-Costa, A. J. Faivovich, J. (2019). **Convergence to the tiniest detail: vocal sac structure in torrent-dwelling frogs.** *Biological Journal of the Linnean Society*, blz068.

<https://academic.oup.com/biolinnean/advance-article-abstract/doi/10.1093/biolinnean/blz068/5532574>

Erişmiş, U. C. (2019). **Potential Distribution of the Amphibian Pathogen, Batrachochytrium dendrobatidis in the Eastern Black Sea Region of Turkey.** *Journal of Limnology and Freshwater Fisheries Research* 5(1), pp.27-33.

<http://www.limnofish.org/download/article-file/679636>

Fernández-Loras, A. Boyero, L. Correa-Araneda, F. Tejedó, M. Hettyey, A. Bosch, J. (2019). **Infection with Batrachochytrium dendrobatidis lowers heat tolerance of tadpole hosts and cannot be cleared by brief exposure to CTmax.** *PLoS One*, Online, pp.1-11.

<https://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0216090&type=printable>

Ficetola, G. F. Manenti, R. Taberlet, P. (2019). **Environmental DNA and metabarcoding for the study of amphibians and reptiles: species distribution, the microbiome, and much more.** *Amphibia Reptilia – Advance Article*.

<https://www.nature.com/articles/s41598-019-42978-1>

Fock, E. Lavrova, E. Bachtееva, V. Nikolaeva, S. Parnova, R. (2019). **Suppression of fatty acid beta-oxidation and energy deficiency as a cause of inhibitory effect of E. coli lipopolysaccharide on osmotic water transport in the frog urinary bladder.** *Comparative Biochemistry and Physiology C-Toxicology & Pharmacology*, 218, pp.81-87.

<https://www.sciencedirect.com/science/article/pii/S1532045618301923>

Fouquet, A. Vacher, J.-P. Courtois, E. Deschamps, C. Ouboter, P. E. Jairam, R. Gaucher, P. Dubois, A. Kok, P. J. R. (2019). **A new species of Anomaloglossus (Anura: Aromobatidae) of the stepheni group with the redescription of A. Baeobatrachus (Boistel and de Massary, 1999), and an amended definition of A. Leopardus Ouboter and Jairam, 2012.** *Zootaxa*, 4576(3), pg.439.

<https://www.mapress.com/j/zt/article/view/zootaxa.4576.3.2>

Fratani, J. Ponssa, M. L. Abdala, V. (2019). **Evolution of tendon shape in an anuran clade and its relation to size, phylogeny and locomotion.** *Journal of Zoology*, 307(4), pp.233-241.

<https://zslpublications.onlinelibrary.wiley.com/doi/pdf/10.1111/jzo.12639>

Gabor, C. R. Perkins, H. R. Heitmann, A. T. Forsburg, Z. R. Aspbury, A. S. (2019). **Roundup™ With Corticosterone Functions as an Infodisruptor to Antipredator Response in Tadpoles.** *Frontiers in Ecology and Evolution*, 7, DOI 10.3389/fevo.2019.00114.

<https://www.frontiersin.org/articles/10.3389/fevo.2019.00114/full>

Galante-Mulki, M. C. Alvear-Santos, Y. Santamaría-Naranjo, A. C. Merino-Viteri, A. Genoy-Puerto, A. (2019). **Radiographic and histological evidence of metabolic bone disease in gliding leaf frogs (*Agalychnis spurrelli*).** *Heliyon*, 5(4), p.e01432

<https://www.sciencedirect.com/science/article/pii/S2405844018330573>

Gao, X.-Y. Dong, B.-J. Li, J.-T. Wang, G. Jiang, J.-P. Yang, B.-T. (2019). **Phylogeographic investigation on the spiny frog *Quasipaa shini* (Amphibia: Anura: Dicoglossidae) using mitochondrial DNA: cryptic species and species complex.** *Mitochondrial DNA Part B*, 4(1) pp.1479–1483.

<https://www.tandfonline.com/doi/full/10.1080/23802359.2019.1580154>

Garcia-Padron, L. Y. Bosch, R.A. (2019). **Anomalous colour in a Cuban cave-dwelling frog: First record of piebaldism in *Eleutherodactylus zeus* (Anura: Eleutherodactylidae).** *The Herpetological Bulletin* 147, pp.1-3.

https://www.researchgate.net/profile/Roberto-Alonso-Bosch/publication/332158442_Garcia-Padron-Alonso-Bosch-2019-Anomalous-colour-in-E-zeus/links/5ca3bb7a299bf1b86d60e054/Garcia-Padron-Alonso-Bosch-2019-Anomalous-colour-in-E-zeus.pdf

Gilbert, E. Goodyear, J. (2019). **Predation of *Xenopeltis unicolor* (Serpentes: Xenopeltidae) on *Kaloula pulchra* (Anura: Microhylidae) in Bangkok, Thailand.** *Tropical Natural History* 19(1), pp.37–38.

https://www.researchgate.net/profile/Edward-Gilbert2/publication/332104549_Predation_of_Xenopeltis-unicolor_Serpentes_Xenopeltidae_on_Kaloula_pulchra_Anura_Microhylidae_in_Bangkok_Thailand/links/5ca09a8192851cf0aea31aa0/Predation-of-Xenopeltis-unicolor-Serpentes-Xenopeltidae-on-Kaloula-pulchra-Anura-Microhylidae-in-Bangkok-Thailand.pdf

Glaw, F. Hawlitschek, O. Glaw, K. Vences, M. (2019). **Integrative evidence confirms new endemic island frogs and transmarine dispersal of amphibians between Madagascar and Mayotte (Comoros archipelago).** *Die Naturwissenschaften*, 106(5-6), p.19.

<https://www.ncbi.nlm.nih.gov/pubmed/31041592>

Goldberg, J. Quinzio, S. Cruz, J. C. Fabrezi, M. (2019). **Intraspecific developmental variation in the life cycle of the Andean Treefrog (*Boana riojana*): A temporal analysis.** *Journal of Morphology* 280(4), pp.480-493.

https://www.researchgate.net/publication/331616487_Intraspecific_developmental_variation_in_the_life_cycle_of_the_Andean_Treefrog_Boana_riojana_A_temporal_analysis

González-Maya, J. F. Gómez-Hoyos, D. A. Seisdedos-de-Vergara, R. Cruz-Lizano, I. Schipper, J. (2019). **Water-bug (*Abedus* sp. Belostomatidae) predation on the critically endangered *Atelopus varius* (Bufonidae) at Las Tablas protected zone, Costa Rica.** *Acta Biológica Colombiana*, DOI: <https://doi.org/10.15446/abc.v24n2.76924>

<https://revistas.unal.edu.co/index.php/actabiol/article/view/76924>

Goudarzi, F. Rancilhac, L. Malekian, M. Fakheran, S. Elmer, K. Steinfartz, S. (2019). **Geographic separation and genetic differentiation of populations are not coupled with niche differentiation in threatened Kaiser's spotted newt (*Neurergus kaiseri*).** *Scientific Reports*, 9, pp.1-12.

<https://www.nature.com/articles/s41598-019-41886-8>

Grant, S. A. Bienentreu, J. F. Vilaça, S. T. Brunetti, C. R. Lesbarrères, D. Murray, D. L. Kyle C. J. (2019). **Low intraspecific variation of Frog virus 3 with evidence for novel FV3-like isolates in central and northwestern Canada.** *Diseases of Aquatic Organisms*, 134(1), pp.1-13.

<https://www.int-res.com/abstracts/dao/v134/n1/p1-13/>

Gray, R. J. (2019). **Biofluorescent lateral patterning on the mossy bushfrog (*Philautus macroscelis*): the first report of biofluorescence in a rhacophorid frog.** *Herpetology Notes*, 12, pp.363-364.

<https://biotaxa.org/hn/article/viewFile/44245/43278>

Grenat, P. R. Pollo, F. E. Ferrero, M. A. Martino, A. L. (2019). **Differential and additive effects of natural biotic and anthropogenic noise on call properties of *Odontophrynus americanus* (Anura, Odontophryinidae): Implications for the conservation of anurans inhabiting noisy environments.** *Ecological Indicators*, 99, pp.67-73.

<https://www.sciencedirect.com/science/article/pii/S1470160X18309464>

Griesbaum, F. Hirschfeld, M. Barej, M. F. Schmitz, A. Rohrmoser, M. Dahmen, M. Mühlberger, F. Liedtke, H. C. Gonwouo, N. L. Doumbia, J. Rödel, M-O. (2019). **Tadpoles of three western African**

frog genera: *Astylosternus* Werner, 1898, *Nyctibates* Boulenger, 1904, and *Scotolepis* Boulenger, 1900 (Amphibia, Anura, Arthroleptidae). *Zoosystematics and Evolution*, 95(1), pp.133–160.

https://www.researchgate.net/publication/332467121_Tadpoles_of_three_western_African_frog_genera_Astylosternus_Werner_1898_Nyctibates_Boulenger_1904_and_Scotolepis_Boulenger_1900_Amphibia_Anura_Arthroleptidae

Guohua, Y. U. Liu, S. Hou, M. Li, S. Yang, J. (2019). **Extension in distribution of *Raorchestes parvulus* (Boulenger, 1893) (Anura: Rhacophoridae) to China.** *Zootaxa* 4577(2), pp.381–391.

https://www.researchgate.net/profile/Mian-Hou-Mian-Hou2/publication/332231476_Extension_in_distribution_of_Raorchestes_parvulus_Boulenger_1893_Anura_Rhacophoridae_to_China/links/5ca06ad92851c64bd59e98b/Extension-in-distribution-of-Raorchestes-parvulus-Boulenger-1893-Anura-Rhacophoridae-to-China.pdf

Gustafson, K. Bly, B. L. Newman, R. A. (2019). **Color and Pigment Polymorphisms of Northern Leopard Frogs on a Prairie Landscape.** *Herpetological Conservation and Biology* 14(1), pp.223-234.

https://www.researchgate.net/publication/332786033_Color_and_Pigment_Polymorphisms_of_Northern_Leopard_Frogs_on_a_Prairie_Landscape

Hadawale, K. N. Sawant, N. S. Sagarkar, S. Sakharkar, A. J. Bhargava, S. Y. (2019). **Sex-specific distribution of Neuropeptide Y (NPY) in the brain of the frog, *Microhyla ornata*.** *Neuropeptides*, 74, pp. 1-10.

<https://www.ncbi.nlm.nih.gov/pubmed/30826125>

Harper, L. R. Handley, L. L. Hahn, C. Boonham, N. Rees, H. C. Lewis, E. Adams, I. P. Brotherton, P. Phillips, S. Hänfling, B. (2019). **Testing ecological hypotheses at the pondscape with environmental DNA metabarcoding: a case study on a threatened amphibian.** *BioRxiv*, Online.

<https://www.biorxiv.org/content/10.1101/278309v4.full>

Hart, S. L. Spicer, M. M. Wrynn, T. Chapman, T. L. Spivey, K. L. et al. (2019). **Palatability and Predator Avoidance Behavior of Salamanders in Response to the Virginia Opossum (*Didelphis virginiana*).** *The American Midland Naturalist; Notre Dame* 181(2), pp.245-258.

<https://bioone.org/journals/The-American-Midland-Naturalist/volume-181/issue-2/0003-0031-181.2.245/Palatability-and-Predator-Avoidance-Behavior-of-Salamanders-in-Response-to/10.1674/0003-0031-181.2.245.short>

Hernández-Gómez, O. Briggler, J. T. Williams, R. N. (2019). **Captivity-Induced Changes in the Skin Microbial Communities of Hellbenders (*Cryptobranchus alleganiensis*)**. *Microbial Ecology*, 77(3), pp.782-793.

<https://www.ncbi.nlm.nih.gov/pubmed/30209587>

Hernández-Guzmán, R. Escalera-Vázquez, L. H. Suazo-Ortuño, I. (2019). **Predicting *Ambystoma ordinarium* distribution under different climate scenarios in central Mexico**. *The Herpetological Journal*, 29(2), pp. 71-81.

<https://thebhs.org/publications/the-herpetological-journal/volume-29-number-2-april-2019>

Hoskins, T. D. Dellapina, M. Papoulias, D. M. Boone, M. D. (2019). **Effects of larval atrazine exposure in mesocosms on Blanchard's cricket frogs (*Acris blanchardi*) reared through overwintering and to reproductive age**. *Chemosphere*, 220, pp.845-857.

<https://www.sciencedirect.com/science/article/pii/S0045653518324408>

Hu, Q. Tian, H. Li, W. Meng, Y. Wang, Q. Xiao, H. (2019). **Identification of critical sex-biased genes in *Andrias davidianus* by de novo transcriptome**. *Molecular Genetics and Genomics*, 294(2), pp. 287–299.

<https://link.springer.com/article/10.1007/s00438-018-1508-4>

Huang, A. Li, H. Luo, H. Ni, Q. Yao, Y. Xu, H. Li, Y. Wei, Z. Zhang, M. (2019). **The complete mitochondrial genome of the tree frog, *Polypedates braueri* (Anura, Rhacophoridae)**. *Mitochondrial DNA Part B*, 4(1).

<https://www.tandfonline.com/doi/full/10.1080/23802359.2019.1607594>

Hughey, M. C. Sokol, E. R. Walke, J. B. Becker, M. H. Belden, L. K. (2019). **Ecological Correlates of Large-Scale Turnover in the Dominant Members of *Pseudacris crucifer* Skin Bacterial Communities**. *Microbial Ecology*, Online, pp1-11.

<https://link.springer.com/article/10.1007/s00248-019-01372-0#citeas>

Ishihara, A. Sapon, M. A. Yamauchi, K. (2019). **Seasonal acclimatization and thermal acclimation induce global histone epigenetic changes in liver of bullfrog (*Lithobates catesbeianus*) tadpole**. *Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology*, 230, pp.39-48.

<https://www.ncbi.nlm.nih.gov/pubmed/30590112>

Jarvis, L. E. Hartup, M. O. Petrovan, S. (2019). **Road mitigation using tunnels and fences promotes site connectivity and population expansion for a protected amphibian.** *European Journal of Wildlife Research*, 65(2), pp1-11.

<https://link.springer.com/article/10.1007/s10344-019-1263-9>

Jin Song, S. Woodhams, D. C. Martino, C. Allaband, C. Mu, A. Javorschi-Miller-Montgomery, S. Suchodolski, J. S. Knight, R. Von Recum, H. (Editor) (2019). **Engineering the microbiome for animal health and conservation.** *Experimental Biology and Medicine*, 244(6), pp.494-504.

<https://journals.sagepub.com/doi/full/10.1177/1535370219830075>

Jongsma, G. F. M. Empey, M. A. Smith, C. M. Bennett, A. M. McAlpine, D. F. (2019). **High prevalence of the amphibian pathogen *Batrachochytrium dendrobatidis* in plethodontid salamanders in protected areas in New Brunswick, Canada.** *Herpetological Conservation and Biology* 14(1), pp.91–96.

https://www.researchgate.net/profile/Amanda_Bennett3/publication/332786381_High_prevalence_of_the_amphibian_pathogen_Batrachochytrium_dendrobatidis_in_Plethodontid_salamanders_in_protected_areas_in_New_Brunswick_Canada/links/5cc9b6a94585156cd7c18f96/High-prevalence-of-the-amphibian-pathogen-Batrachochytrium-dendrobatidis-in-Plethodontid-salamanders-in-protected-areas-in-New-Brunswick-Canada.pdf

Julian, J. T. Brooks, R. P. Glenney, G. W. Coll, J. A. (2019). **State-wide survey of amphibian pathogens in green frog (*Lithobates clamitans melanota*) reveals high chytrid infection intensities in constructed wetlands.** *Herpetological Conservation and Biology* 14(1):199–211.

http://www.herpconbio.org/Volume_14/Issue_1/Julian_etal_2019.pdf

Julian, J. T. Glenney, G. W. Rees, C. (2019). **Evaluating observer bias and seasonal detection rates in amphibian pathogen eDNA collections by citizen scientists.** *Diseases of Aquatic Organisms*, 134(1), pp.15–24.

<https://www.int-res.com/abstracts/dao/v134/n1/p15-24>

Kaefer, I. L. Rojas, R. R. Ferrao, M. Farias, I. P. Lima, A. P. (2019). **A new species of *Amazophrynella* (Anura: Bufonidae) with two distinct advertisement calls.** *Zootaxa* 4577(2), pp.316–334.

https://www.researchgate.net/profile/Albertina_Lima/publication/332219039_A_new_species_of_Amazophrynella_Anura_Bufonidae_with_two_distinct_advertisement_calls/links/5cab6f6c299bf118c4bae81b/A-new-species-of-Amazophrynella-Anura-Bufonidae-with-two-distinct-advertisement-calls.pdf

Kärvemo, S. Laurila, A. Höglund, J. (2019). **Urban environment and reservoir host species are associated with *Batrachochytrium dendrobatidis* infection prevalence in the common toad.** *Diseases of Aquatic Organisms*, 134(1), pp.33–42.

<https://www.int-res.com/abstracts/dao/v134/n1/p33-42/>

Kha, C. X. Guerin, D. J. Tseng, K. A-S. (2019). **Using the Xenopus Developmental Eye Regrowth System to Distinguish Between Developmental Versus Regenerative Mechanisms.** *Frontiers in Physiology*. Provisional Acceptance.

<https://www.frontiersin.org/articles/10.3389/fphys.2019.00502/abstract>

Kim, S. Y. Kundu, J. Williams, A. Yandulskaya, A. S. Monaghan, J. R. Carrier, R. L. Linhardt, R. J. (2019). **Glycosaminoglycans compositional analysis of Urodele axolotl (*Ambystoma mexicanum*) and Porcine Retina.** *Glycoconjugate Journal*, 36(2) pp.165–174.

<https://link.springer.com/article/10.1007/s10719-019-09863-5>

Kpan, T. F. Ernst, R. Kouassi, P. K. Rödel, M-O. (2019). **Prevalence of endoparasitic mites on four West African leaf-litter frogs depends on habitat humidity.** *Biotropica*, Online, pp.1-11

<https://onlinelibrary.wiley.com/doi/abs/10.1111/btp.12649>

Kruger, N. Secondi, J. (2019). **Repeated reduction in parasite diversity in invasive populations of *Xenopus laevis*: a global experiment in enemy release.** *Biological Invasions*, 21(4), pp.1323-1338.

<https://link.springer.com/article/10.1007/s10530-018-1902-1>

Lajmanovich, R. C. Peltzer, P. M. Martinuzzi, C. S. Attademo, A. M. Bassó, A. Colussi, C. L. (2019) **Insecticide pyriproxyfen (Dragón®) damage biotransformation, thyroid hormones, heart rate, and swimming performance of *Odontophrynus americanus* tadpoles.** *Chemosphere*, 220, pp.714-722.

<https://www.ncbi.nlm.nih.gov/pubmed/30611069>

Lau, E. T. C. Leung, K. M. Y. Karrakera, N. E. (2019). **Native amphibian larvae exhibit higher upper thermal limits but lower performance than their introduced predator *Gambusia affinis*.** *Journal of Thermal Biology*, 81, pp.154-161.

<https://www.sciencedirect.com/science/article/pii/S0306456518300469>

Leonhardt, F. Jimenez-Bolaño, J. D. Ernst, R. (2019). **Whistling invaders: Status and distribution of Johnstone's Whistling frog (*Eleutherodactylus johnstonei* Barbour, 1914), 25 years after its introduction to Colombia.** *NeoBiota*, 45, pp.39-54.

<https://neobiota.pensoft.net/article/33515/>

Lindauer, A. I. Voyles, J. (2019). **Out of the frying pan, into the fire? Yosemite toad (*Anaxyrus anorus*) susceptibility to *Batrachochytrium dendrobatidis* after development under drying conditions.** *Herpetological Conservation and Biology* 14(1), pp.185–198.

http://www.herpconbio.org/Volume_14/Issue_1/Lindauer_Voyles_2019.pdf

Longo, A. Fleischer, R. Lips, K. (2019). **Double trouble: co-infections of chytrid fungi will severely impact widely distributed newts.** *Biological Invasions*, Online, pp.1-13.

<https://link.springer.com/article/10.1007/s10530-019-01973-3>

Luong, A. M. Nguyen, H. Q. Le, D. T. Nguyen, S. L. H. Nguyen, T. Q. (2019). **New records of amphibians (Anura: Megophryidae, Ranidae) from Dien Bien Province, Vietnam.** *Herpetology Notes*, 12, pp.375-387.

<https://www.biotaxa.org/hn/article/view/39467/43588>

Lynn, C. S. Dalton, B. Mathis, A. (2019). **Territorial behaviour in southern red-backed and Ozark zigzag salamanders: effects of sex, species and ownership (Book review).** *Behaviour*, Online. pp.1-21.

<https://brill.com/view/journals/beh/aop/article-10.1163-1568539X-00003554.xml?lang=en>

Maceda-Veiga, A. Mac Nally, R. de Sostoa, A. (2019). **Congruence in riverine conditions and associations between native fish and several species of amphibians in a region prone to fish invasions.** *Hydrobiologia* 836, pp.109–122.

<https://link.springer.com/article/10.1007/s10750-019-3945-4>

Maghfiroh, N. Eprilurahman, R. (2019). **Berudu (Amphibia: Anura) di Taman Wisata Air Terjun (TWAT) Kembang Soka, Kulon Progo, Daerah Istimewa Yogyakarta Pada Musim Kemarau.** *Jurnal Biologi Papua*, 11(1), pp.42–50.

https://www.researchgate.net/publication/333478729_Berudu_Amphibia_Anura_di_Taman_Wisata_Air_Terjun_TWAT_Kembang_Soka_Kulon_Progo_Daerah_Istimewa_Yogyakarta_Pada_Musim_Kemarau

Marquis, O. Miaud, C. Gibault, C. Chai, N. (2019). **A first screening of chytrid fungus Batrachochytrium in amphibians in French zoos.** *International Zoo Yearbook*, 53, pp.1–10.

https://www.researchgate.net/profile/Olivier_Marquis/publication/331991145_A_first_screening_of_chytrid_fungus_Batrachochytrium_in_amphibians_in_French_zoos/links/5c9a22e992851cf0ae98c008/A-first-screening-of-chytrid-fungus-Batrachochytrium-in-amphibians-in-French-zoos.pdf

Marshall, A. F. Bardua, C. Gower, D. J. Wilkinson, M. Sherratt, E. Goswami, A. (2019). **High-density three-dimensional morphometric analyses support conserved static (intraspecific) modularity in**

caecilian (Amphibia: Gymnophiona) crania. *Biological Journal of the Linnean Society*, 126(4), pp.721–742.

<https://academic.oup.com/biolinnean/article/126/4/721/5320147>

Matsunami, M. Suzuki, M. Haramoto, Y. Fukui, A. Inoue, T. Yamaguchi, K. Uchiyama, I. Mori, K. Tashiro, K. Ito, Y. Takeuchi, T. Suzuki, K-I. T. Agata, K. Shigenobu, S. Hayashi, T. (2019). **A comprehensive reference transcriptome resource for the Iberian ribbed newt *Pleurodeles waltl*, an emerging model for developmental and regeneration biology.** *DNA Research: An International Journal for Rapid Publication of Reports on Genes and Genomes*, 26(3), p.217-229.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6589553/>

Mcknight, D. T. Lal, M. M. Bower, D. S. Schwarzkopf, L. Alford, R. A. Zenger, K. R. (2019). **The return of the frogs: The importance of habitat refugia in maintaining diversity during a disease outbreak.** *Molecular ecology*, Online.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/mec.15108>

Melnik, K. Menke, M. Rakotoarison, A. Vences, M. Schulz, S. (2019). **Identification and Synthesis of Luteolide, a Highly Branched Macrolide Semiochemical from the Mantellid Frog *Gephyromantis luteus*.** *Organic Letters*, 21(8), pp 2851–2854.

<https://pubs.acs.org/doi/pdf/10.1021/acs.orglett.9b00852>

Michael, D. R. Blanchard, W. Scheele, B. C. Lindenmayer, D. B. (2019). **Comparative use of active searches and artificial refuges to detect amphibians in terrestrial environments** (Book review). *Austral Ecology*, 44(2), pp.327-338.

<https://onlinelibrary.wiley.com/doi/10.1111/aec.12677>

Mihaljevic, J. R. Greer, A. L. Brunner, J. L. (2019). **Evaluating the Within-Host Dynamics of Ranavirus Infection with Mechanistic Disease Models and Experimental Data.** *Viruses*, 11(5), 396, Online, pp1-12.

<https://www.mdpi.com/1999-4915/11/5/396>

Mineo, P. Waldrup, C. Berner, N. Schaeffer, P. (2019). **Differential plasticity of membrane fatty acids in northern and southern populations of the eastern newt (*Notophthalmus viridescens*).** *Journal of Comparative Physiology. B, Biochemical, Systemic, and Environmental Physiology*, 189(2), pp.249-260.

https://www.researchgate.net/profile/Patrick_Mineo/publication/330605499_Differential_plasticity_of_membrane_fatty_acids_in_northern_and_southern_populations_of_the_eastern_newt_Notop

[hthalmus viridescens/links/5c60eed445851582c3dd63e2/Differential-plasticity-of-membrane-fatty-acids-in-northern-and-southern-populations-of-the-eastern-newt-Notophthalmus-viridescens.pdf](https://www.sciencedirect.com/science/article/pii/S0012160618303890?via%3Dihub)

Mitros, T. Lyons, J. B. Session, A.M. Jenkins, J. Shu, S. Kwon, T. Lane, M. Ng, C. Grammer, T. C. Khokha, M. K. Grimwood, J. Schmutz, J. Harland, R. M. Rokhsar, D. S. (2019). **A chromosome-scale genome assembly and dense genetic map for *Xenopus tropicalis***. *Developmental Biology*. In Press.

<https://www.sciencedirect.com/science/article/pii/S0012160618303890?via%3Dihub>

Mohanty, N. Measey, J. (2019). **No survival of native larval frogs in the presence of invasive Indian bullfrog *Hoplobatrachus tigerinus* tadpoles**. *Biological Invasions*, Online, pp.1-6.

https://www.researchgate.net/profile/Nitya_Mohanty/publication/332160223_No_survival_of_native_larval_frogs_in_the_presence_of_invasive_Indian_bullfrog_Hoplobatrachus_tigerinus_tadpoles/links/5ca49cd5299bf1b86d61ca2d/No-survival-of-native-larval-frogs-in-the-presence-of-invasive-Indian-bullfrog-Hoplobatrachus-tigerinus-tadpoles.pdf

Moraga, A. D. Martin, A. E. Fahrig, L. (2019). **The scale of effect of landscape context varies with the species' response variable measured**. *Landscape Ecology*, Online, pp.1-13.

<https://link.springer.com/article/10.1007/s10980-019-00808-9>

Motta-Tavares, T. de Godoy Bergallo, H. Reis, C. N. C. Rocha, C. F. D. (2019). **Geographic and altitudinal distribution of the insular endemic frog *Hylodes fredei* (Anura: Hylodidae) of the Atlantic coast of southeastern Brazil**. *Journal of Coastal Conservation*. In Press.

<https://link.springer.com/article/10.1007/s11852-019-00692-0#citeas>

Muñoz, M. J. R. Martínez, T. A. Acosta, J. C. Blanco, G. M. (2019). **Foam nest construction and first report of agonistic behaviour in *Pleurodema tucumanum* (Anura: Leptodactylidae)**. *Neotropical Biology and Conservation*, 14(1), pp.117-128.

<https://neotropical.pensoft.net/articles.php?id=34841>

Nakaghi, L. S. O. Oliveira-Bahia, V. R. L. De Stefani, M. V. Pizauro, J. M. Khan, K. U. Macente, B. I. Mansano, C. F. M. (2019). **Ontogenetic development of the oral apparatus and oropharyngeal cavity in bullfrog tadpoles (*Lithobates catesbeianus*, Shaw 1802)** (Book review). *Archives of Oral Biology*, 100, C, pp.69-74.

<https://www.sciencedirect.com/science/article/pii/S000399691830760X>

Nascimento, J. S. Abreu, R. O. Menezes, L. Trevisan, C. C. Solé, M. Juncá, F. A. Napoli, M. F. (2019). **The Advertisement Call of *Proceratophrys minuta* Napoli, Cruz, Abreu, and Del Grande, 2011**

(Anura: Odontophrynidae), with Comments on Acoustic Parameters in the Genus. *South American Journal of Herpetology*, 14(1), pp.24-36.

<https://bioone.org/journals/South-American-Journal-of-Herpetology/volume-14/issue-1/SAJH-D-17-00021.1/The-Advertisement-Call-of-iProceratophrys-minuta-i-Napoli-Cruz-Abreu/10.2994/SAJH-D-17-00021.1.short>

Newman, C. E. Austin, C. C. (2019). **Quantifying amphibian range fragmentation in the southeastern United States.** *Frontiers of Biogeography*, 11(1), e37772.

<https://escholarship.org/uc/item/1kz928ng>

Pawlowski, S. Dammann, M. Weltje, L. Champ, S. Mathis, M. Fort, D. J. (2019). **Is normalized hindlimb length measurement in assessment of thyroid disruption in the amphibian metamorphosis assay relevant?** *Journal of Applied Toxicology*, Early View.

<https://onlinelibrary.wiley.com/doi/abs/10.1002/jat.3801>

Pathirana, N. U. K. Meegaskumbura, M. Rajakaruna, R. S. (2019). **Infection sequence alters disease severity—Effects of the sequential exposure of two larval trematodes to Polypedates cruciger tadpoles.** *Ecology & Evolution*, Online, pp.1-11.

<https://onlinelibrary.wiley.com/doi/epdf/10.1002/ece3.5180>

Paz Velez, A. Gonzalez, A. Crawford, A. J. (2019). **Testing effects of Pleistocene climate change on the altitudinal and horizontal distributions of frogs from the Colombian Andes: a species distribution modeling approach.** *Frontiers of Biogeography*, 11(1), pp.1-14.

<https://cloudfront.escholarship.org/dist/prd/content/qt32g8q7x3/qt32g8q7x3.pdf>

Pierson, T. W. Deitloff, J. Sessions, S. K. Kozak, K. H. Fitzpatrick, B. M. (2019). **Morphological Polymorphism Associated with Alternative Reproductive Tactics in a Plethodontid Salamander.** *The American Naturalist*, 193(4), pp.608-618.

<https://www.ncbi.nlm.nih.gov/pubmed/30912974>

Piprek, R. P. Damulewicz, M. Tassan, J-P. Kloc, M. Kubiak, J. Z. (2019). **Transcriptome profiling reveals male- and female-specific gene expression pattern and novel gene candidates for the control of sex determination and gonad development in *Xenopus laevis*.** *Development Genes and Evolution*, Online, pp.1–20.

<https://link.springer.com/content/pdf/10.1007%2Fs00427-019-00630-y.pdf>

Portik, D. M. Bell, R. C. Blackburn, D. C. McGuire, J. A. (2019). **Sexual Dichromatism Drives Diversification within a Major Radiation of African Amphibians.** *Systematic Biology*, Online.

<https://www.biorxiv.org/content/biorxiv/early/2018/07/22/372250.full.pdf>

Pujol-Buxo, E. Riano, G. M. Llorente, G. A. (2019). **Stable isotopes reveal mild trophic modifications in a native-invasive competitive relationship.** *Biological Invasions*, 21(4), pp.1167-1177.

https://www.researchgate.net/publication/329401324_Stable_isotopes_reveal_mild_trophic_modifications_in_a_native-invasive_competitive_relationship

Pujol-Buxó, E. Riaño, G. M. Llorente, G. A. (2019). **Mild segregation in the breeding preferences of an invasive anuran (*Discoglossus pictus*) and its main native competitor (*Epidalea calamita*) in ephemeral ponds.** *Amphibia-Reptilia*, Online, pp.1-11.

<https://brill.com/view/journals/amre/aop/article-10.1163-15685381-20191149.xml>

Puschendorf, R. Wallace, M. Chavarría, M. M. Crawford, A. J. Wynne, F. Knight, M. Janzen, D. H. Hallwachs, W. Palmer, C. V. Price, S. J. (2019). **Cryptic diversity and ranavirus infection of a critically endangered Neotropical frog before and after population collapse.** *Animal Conservation*, Online.

https://www.researchgate.net/publication/332447902_Cryptic_diversity_and_ranavirus_infection_of_a_critically_endangered_Neotropical_frog_before_and_after_population_collapse

Ragalzi, E. Neves, M. O. Montaña, R. Santana, D. J. (2019). **New state record in Brazil and first report to Bolivia of *Scinax constrictus* Lima, Bastos & Giaretta, 2004 (Anura, Hylidae).** *Herpetology Notes*, 12, pp.389-390.

<https://www.biotaxa.org/hn/article/viewFile/40841/43589>

Ramamonjisoa, M. Oiiire, C. Zheng, X. J. Kimura, S. (2019). **Predation decreases cohort foraging activity and growth, yet increases individual size variation in prey.** *Evolutionary Ecology*, 33(2), pp.233–242.

<https://link.springer.com/article/10.1007/s10682-019-09977-0>

Rancilhac, L. Goudarzi, F. Gehara, M. Hemami, M.-R. Elmer, K. R. Vences, M. Steinfarz, S. (2019). **Phylogeny and species delimitation of near Eastern *Neurergus* newts (Salamandridae) based on genome-wide RADseq data analysis.** *Molecular Phylogenetics and Evolution*, 133, pp.189-197.

<https://www.sciencedirect.com/science/article/pii/S1055790318305347>

Rebollar, E. A. Harris, R. N. (2019). **Editorial: Ecology of Amphibian-Microbial Symbioses**. *Frontiers of Microbiology*, 10, Article 766.

<https://www.frontiersin.org/articles/10.3389/fmicb.2019.00766/full>

Rebouças, R. da Silva, H. R. Solé, M. (2019). **Malformations in Insular and Coastal Populations of Toads in Rio de Janeiro, Southeastern Brazil**. *South American Journal of Herpetology*, 14(1), pp.12-18.

<https://bioone.org/journals/South-American-Journal-of-Herpetology/volume-14/issue-1/SAJH-D-17-00031.1/Malformations-in-Insular-and-Coastal-Populations-of-Toads-in-Rio/10.2994/SAJH-D-17-00031.1.short>

Reilly, S. B. Stubbs, A. L. Karin, B. R. Bi, K. Arida, E. Iskandar, D. T. Mcguire, J. A. (2019). **Leap-frog dispersal and mitochondrial introgression: Phylogenomics and biogeography of Limnonectes fanged frogs in the Lesser Sundas Archipelago of Wallacea** (Book review). *Journal of Biogeography*, 46(4), pp.757-769.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/jbi.13526?af=R>

Rosa, G. M. Bosch, J. Martel, A. Pasmans, F. Rebelo, R. Griffiths, R. A. Garner, T. W. J. (2019). **Sex-biased disease dynamics increase extinction risk by impairing population recovery**. *Animal Conservation*. Online.

https://www.researchgate.net/publication/332576392_Sex-biased_disease_dynamics_increase_extinction_risk_by_impairing_population_recovery/stats

Rowe, J. C. Duarte, A. Pearl, C. A. McCreary, B. Galvan, S. K. Peterson, J. T. Adams, M. J. (2019). **Disentangling effects of invasive species and habitat while accounting for observer error in a long-term amphibian study**. *Ecosphere*, 10(4), e02674.

<https://esajournals.onlinelibrary.wiley.com/doi/pdf/10.1002/ecs2.2674>

Rowley, J. J. L. Callaghan, C. T. Cutajar, T. Portway, C. Potter, K. Mahony, S. Trembath, D. F. Flemons, P. Woods, A. (2019). **FrogID: Citizen scientists provide validated biodiversity data on frogs of Australia**. *Herpetological Conservation and Biology* 14(1), pp.155-170.

http://www.herpconbio.org/Volume_14/Issue_1/Rowley_etal_2019.pdf

Sabino-Pinto, J. Martel, A. Pasmans, F. Steinfartz, S. Vences, M. (2019): **Pooling skin swabs does not inhibit qPCR detection of amphibian chytrid infection**. *PLoS ONE* 14: e0214405.

http://www.mvences.de/p/p1/Vences_A423.pdf

Sai, L. Qu, B. Zhang, J. Liu, J. Jia, Q. Bo, C. Zhang, Y. Yu, G. Han, R. Peng, C. (2019). **Analysis of long non-coding RNA involved in atrazine-induced testicular degeneration of *Xenopus laevis*.** *Environmental Toxicology*, 34(4), pp.505-512.

<https://www.ncbi.nlm.nih.gov/pubmed/30675760>

Saito, N. Nishimura, K. Makanae, A. Satoh, A. (2019). **Fgf- and Bmp-signaling regulate gill regeneration in *Ambystoma mexicanum*.** *Developmental Biology*, Online, pp.1-10.

<https://reader.elsevier.com/reader/sd/pii/S0012160618307875?token=7959320C882343004D1BA262DD0CBF7E638CF6B736FAF518494CB6DC87EEB0F5D236C04165735C6EB8A3121B14BAF26E>

Sánchez-Montes, S. Belemlsaak-Delgado, A. Guzmán-Cornejo, C. Rendón-Franco, E. Muñoz-García, C. I. Bermúdez, S. Morales-Díaz, J. Cruz-Romero, A. Romero-Salas, D. Dzul-Rosado, K. Lugo-Caballero, C. Colunga-SalasalIngeborg, P. Becker, I. (2019). **Rickettsia species in ticks that parasitize amphibians and reptiles: Novel report from Mexico and review of the worldwide record.** *Ticks and Tick-borne Diseases*, In Press.

<https://www.sciencedirect.com/science/article/abs/pii/S1877959X18302747>

Saporito, R. A. Russell, M. W. Richards-Zawacki, C. L. Dugas, M. B. (2019). **Experimental evidence for maternal provisioning of alkaloid defenses in a dendrobatid frog.** *Toxicon : official journal of the International Society on Toxinology*, 161, pp.40-43.

<https://www.ncbi.nlm.nih.gov/pubmed/30790578>

Savage. A. E. Muletz-Wolz, C. R. Grant, E. H. C. Fleischer, R. C. Mulder, K. P. (2019). **Functional variation at an expressed MHC class II β locus associates with Ranavirus infection intensity in larval anuran populations.** *Immunogenetics* 71(4), pp.335-346.

<https://link.springer.com/article/10.1007/s00251-019-01104-1>

Schmidt, K. Richards, S. Pearson, R. G. Alford, R. A. Puschendorf, R. (2019). **Seasonal, annual and decadal change in tadpole populations in tropical Australian streams.** *Amphibia-Reptilia*, Advance Articles.

<https://brill.com/view/journals/amre/aop/article-10.1163-15685381-20191168.xml>

Seaborn, T. Hauser, S. S. Konrade, L. Waits, L. P. Goldberg, C. S. (2019). **Landscape genetic inferences vary with sampling scenario for a pond-breeding amphibian.** *Ecology and Evolution - Early View*.

<https://onlinelibrary.wiley.com/doi/pdf/10.1002/ece3.5023>

Senanayake, U. I. Siriwardana, S. Weerakoon, D. K. Wijesinghe, M. R. (2019). **Combating Extreme tropical Seasonality: Use of rock Crevices by the Critically Endangered frog *Nannophrys marmorata* in Sri Lanka Herpetological.** *Conservation and Biology* 14(1), pp.261-268.

https://www.researchgate.net/publication/332961508_Combating_Extreme_tropical_Seasonality_Use_of_rock_Crevices_by_the_Critically_Endangered_frog_Nannophrys_marmorata_in_Sri_lanka

Shu, Y. Zhang, H. Cai, Q. Tang, D. Wang, G. Liu, T. Lv, B. Wu, H. (2019). **Integrated mRNA and miRNA expression profile analyses reveal the potential roles of sex-biased miRNA–mRNA pairs in gonad tissues of the Chinese concave-eared torrent frog (*Odorrana tormota*).** *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution*. Early View.

<https://onlinelibrary.wiley.com/doi/abs/10.1002/jez.b.22851>

Sievers, M. Hale, R. Swearer, S. E. Parris, K. M. (2019). **Frog occupancy of polluted wetlands in urban landscapes.** *Conservation Biology*, 33(2), pp.389-402.

<https://www.ncbi.nlm.nih.gov/pubmed/30151963>

Silvester, R. Greenlees, M. Shine, R. Oldroyd, B. (2019). **Behavioural tactics used by invasive cane toads (*Rhinella marina*) to exploit apiaries in Australia.** *Austral Ecology*, 44(2), pp.237-244.

<https://onlinelibrary.wiley.com/doi/10.1111/aec.12668>

Sinai, I. Segev, O. Weil, G. Oron, T. Merilä, J. Templeton, A. Blaustein, L. Greenbaum, G. Blank, L. (2019). **The role of landscape and history on the genetic structure of peripheral populations of the Near Eastern fire salamander, *Salamandra infraimmaculata*, in Northern Israel.** *Conservation Genetics*, Online, pp.1-15

<https://link.springer.com/article/10.1007/s10592-019-01181-5>

Skandhan, K. P. Valsa, J. Sumangala, B. Jaya, V. (2019). **Gold in male reproductive tract of frog (*Rana tigrina*): a chronobiological study.** *Biological Rhythm Research*, Online.

<https://www.tandfonline.com/doi/full/10.1080/09291016.2019.1576280>

Slater, P. G. Cammarata, G. M. Monahan, C. Bowers, J. T. Yan, O. Lee, S. Lowery, L. A. (2019). **Characterization of *Xenopus laevis* guanine deaminase reveals new insights for its expression and function in the embryonic kidney.** *Developmental Dynamics*, 248(4), pp.296-305.

https://www.researchgate.net/publication/330641672_Characterization_of_Xenopus_laevis_Guanine_Deaminase_reveals_new_insights_for_its_expression_and_function_in_the_embryonic_kidney

Stokol, T. Fefer, G. Lejeune, M. Steeil, J. Neiffer, D. (2019). **What is your diagnosis? Swab of an eyelid swelling from a tomato frog** (Book review). *Veterinary Clinical Pathology*, Online.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/vcp.12737>

Storey, K. B. Storey, J. M. (2019). **Mitochondria, metabolic control and microRNA: Advances in understanding amphibian freeze tolerance**. *BioFactors*, Online, pp.1-9.

<https://iubmb.onlinelibrary.wiley.com/doi/pdf/10.1002/biof.1511>

Subramaniam, K. Waltzek, T. B. Chinchar, V. G. (2019). **Genomic sequence of a Bohle iridovirus strain isolated from a diseased boreal toad (*Anaxyrus boreas boreas*) in a North American aquarium**. *Archives of Virology*, Online, pp.1-4.

<https://link.springer.com/article/10.1007/s00705-019-04244-7>

Sunny, A. Duarte-de Jesus, L. Aguilera-Hernández, A. Ramírez-Corona, F. Suárez-Atilano, M. Percino-Daniel, R. Manjarrez, J. Monroy-Vilchis, O. González-Fernández, A. (2019). **Genetic diversity and demography of the critically endangered Roberts' false brook salamander (*Pseudoeurycea robertsi*) in Central Mexico**. *Genetica*, 147(2), pp.149-164.

<https://link.springer.com/article/10.1007/s10709-019-00058-2>

Talarico, L. Babik, W. Marta, S. Pietrocini, V. Mattocchia, M. (2019). **MHC structuring and divergent allele advantage in a urodele amphibian: a hierarchical multi-scale approach**. *Nature - Heredity*. Online, pp.1-15

<https://www.nature.com/articles/s41437-019-0221-3>

Tamukai, K. Sugiyama, J. Nagata, Y. Tsutomu, O. Katayama, Y. Mizutani, T. Kimura, M. Une, Y. (2019). **Epidemic nodular facial myxomatous dermatitis in juvenile Cranwell's horned frogs *Ceratophrys cranwelli***. *Diseases of Aquatic Organisms*, 134(1), pp.57-64.

<https://www.int-res.com/abstracts/dao/v134/n1/p57-64/>

Tavares, H. N. da Silva, F. R. (2019). **Species turnover drives the spatial distribution of frog beta diversity in farmland ponds**. *Journal of Tropical Ecology*. In Press.

<https://www.cambridge.org/core/journals/journal-of-tropical-ecology/article/species-turnover-drives-the-spatial-distribution-of-frog-beta-diversity-in-farmland-ponds/3425591FC7C695CE68FB1C365FDD722D>

Thambirajah, A. A. Koide, E. M. Imbery, J. J. Helbing, C. C. (2019). **Contaminant and environmental influences on thyroid hormone action in amphibian metamorphosis.** *Frontiers in Endocrinology*, Online, doi: 10.3389/fendo.2019.00276

<https://www.frontiersin.org/articles/10.3389/fendo.2019.00276/abstract>

Vági, B. Végvári, Z. Liker, A. Freckleton, R. P. Székely, T. (2019). **Parental care and the evolution of terrestriality in frogs.** *Proceedings of the Royal Society B*, 286(1900).

<https://royalsocietypublishing.org/doi/pdf/10.1098/rspb.2018.2737>

Valdez, J. W. Klop-Toker, K. Stockwell, M. P. Fardell, L. Clulow, S. Clulow, J. Mahony, M. J. (2019). **Informing compensatory habitat creation with experimental trials: a 3-year study of a threatened amphibian.** *Oryx*, 53(2), pp.310-320.

<https://www.cambridge.org/core/journals/oryx/article/informing-compensatory-habitat-creation-with-experimental-trials-a-3year-study-of-a-threatened-amphibian/6F894879A6B508E9AFC30CFE703C29E1>

Valencia-Valdez, J. M. Cruz-Sáenz, D. Villarreal-Hernández, H. Hernández-Dávila, L. A. de Luna, M. Alcalá-Beltrán, L. A. Lazcano, D. (2019). **Notes on the herpetofauna of Western Mexico 22: a new food item for the Mexican leaf frog, *Agalychnis dacnicolor*: the *Tarantula bonnetina* sp. (Mexican blue beauty).** *Bulletin of the Chicago Herpetological Society* 54(3), pp.49-56.

https://www.researchgate.net/profile/Daniel-Cruz-Saenz2/publication/332158889_Notes_on_the_Herpetofauna_of_Western_Mexico_22_A_New_Food_Item_for_the_Mexican_Leaf_Frog_Agalychnis_dacnicolor_The_Tarantula_Bonnetina_sp_Mexican_Blue_Beauty/links/5ca3e496299bf1b86d60e755/Notes-on-the-Herpetofauna-of-Western-Mexico-22-A-New-Food-Item-for-the-Mexican-Leaf-Frog-Agalychnis-dacnicolor-The-Tarantula-Bonnetina-sp-Mexican-Blue-Beauty.pdf

Valenzuela-Sánchez, A. Cayuela, H. Schmidt, B. R. Cunningham, A. A. Soto-Azat, C. (2019). **Slow natal dispersal across a homogeneous landscape suggests the use of mixed movement behaviours during dispersal in the Darwin's frog.** *Animal Behaviour*, 150, pp.77-86.

<https://www.sciencedirect.com/science/article/pii/S0003347219300387>

Vassilieva, A. B. (2019). **Larval morphology of *Hylarana lateralis* (Boulenger) (Anura: Ranidae) from southern Vietnam.** *Zootaxa*, 4612(1), pp.138-140.

https://www.researchgate.net/publication/333421330_Larval_morphology_of_Hylarana_lateralis_Boulenger_Anura_Ranidae_from_southern_Vietnam

Wang, Y. Lan, J. Zhou, H. Guan, L. Wang, Y. Han, Y. Qu, J. Shah, S. H. Kong, Y. (2019). **Investigating the Effectiveness of Road-related Mitigation Measures under Semi-controlled Conditions: A Case Study on Asian Amphibians**. *Asian Herpetological Research* 10(1), pp.62-68.

https://www.researchgate.net/profile/Yun_Wang90/publication/332440012_Investigating_the_Effectiveness_of_Road-related_Mitigation_Measures_under_Semi-controlled_Conditions_A_Case_Study_on_Asian_Amphibians/links/5cb56ca74585156cd79af819/Investigating-the-Effectiveness-of-Road-related-Mitigation-Measures-under-Semi-controlled-Conditions-A-Case-Study-on-Asian-Amphibians.pdf

Warkentin, K. Jung, J. Rueda Solano, L. McDaniel, J. (2019). **Ontogeny of escape-hatching decisions: vibrational cue use changes as predicted from costs of sampling and false alarms**. *Behavioral Ecology and Sociobiology*, 73(4), pp.1-14.

https://www.researchgate.net/publication/332050471_Ontogeny_of_escape-hatching_decisions_vibrational_cue_use_changes_as_predicted_from_costs_of_sampling_and_false_alarms

Wielstra, B. McCartney-Melstad, E. Arntzen, J. W. Butlin, R. K. Shaffer, H. B. (2019). **Phylogenomics of the adaptive radiation of Triturus newts supports gradual ecological niche expansion towards an incrementally aquatic lifestyle**. *Molecular Phylogenetics and Evolution*, 133, pp.120-127.

<https://www.biorxiv.org/content/10.1101/463752v1>

Wilburn, D. B. Feldhoff, R. C. (2019). **An annual cycle of gene regulation in the red-legged salamander mental gland: from hypertrophy to expression of rapidly evolving pheromones**. *BMC Developmental Biology*, 19(1), pp.1-21.

<https://bmcddevbiol.biomedcentral.com/articles/10.1186/s12861-019-0190-z>

Willoughby, J. R. Christie, M. R. (2019). **Long-term demographic and genetic effects of releasing captive-born individuals into the wild**. (Report). *Conservation Biology*, 33(2), p.377(12).

<https://onlinelibrary.wiley.com/doi/abs/10.1111/cobi.13217>

Zhao, X. Du, Z. Chen, J. Wang, R. Zhou, Y. Lai, R. (2019). **Bacterial Community Analysis on the Skin of Odorrana grahami and Proposal of Comamonas aquatica subsp. aquatica subsp. nov. and Comamonas aquatica subsp. rana subsp. nov.** *Current Microbiology*, 76(4), pp.470-477.

<https://link.springer.com/article/10.1007/s00284-019-01648-1>

Zornosa-Torres, C. Toledo, L. F. (2019). **Courtship Behavior and Advertisement Call Geographic Variation of Bokermannohyla luctuosa (Pombal Jr. and Haddad, 1993) (Hylidae, Cophomantini)**. *South American Journal of Herpetology*, 14(1), pp.71-79.

<https://bioone.org/journals/South-American-Journal-of-Herpetology/volume-14/issue-1/SAJH-D-16-00057.1/Courtship-Behavior-and-Advertisement-Call-Geographic-Variation-of-iBokermannohyla-luctuosa/10.2994/SAJH-D-16-00057.1.short?fbclid=IwAR1N96G393SbdjkiA0yAu3ky2Qqr7No-y3enOv4BBu9ozSB1iYPvOzTILYU>

Zumbado-Ulate, H. García-Rodríguez, A. Vredenburg, V. T. Searle, C. (2019). **Infection with *Batrachochytrium dendrobatidis* is common in tropical lowland habitats: Implications for amphibian conservation.** *Ecology and Evolution*, 9, pp.4917–4930.

<https://onlinelibrary.wiley.com/doi/pdf/10.1002/ece3.5098>

May

Abney, C. R. Balzer, S. W. Dueckman, A. Baylis, A. Clements, D. R. (2019). **Early Spring and Early Vanishing Wetlands as Harbingers of the Future? The Climate Change Trap for Ephemeral Pond-Breeding Frogs.** *Northwest Science*, 93(1), pp.52-65.

<https://bioone.org/journals/Northwest-Science/volume-93/issue-1/046.093.0105/Early-Spring-and-Early-Vanishing-Wetlands-as-Harbingers-of-the/10.3955/046.093.0105.short>

Acevedo, A. A. Armesto, O. Meza-Joya, F. L. (2019). **First record and conservation status of *Allobates algorei* (Anura: Aromobatidae) in Colombia.** *Zootaxa* 4608(1), pp.183–186.

https://www.researchgate.net/profile/Aldemar_Acevedo2/publication/333150130_First_record_and_conservation_status_of_Allobates_algorei_Anura_Aromobatidae_in_Colombia/links/5cddedce92851c4eaba68be1/First-record-and-conservation-status-of-Allobates-algorei-Anura-Aromobatidae-in-Colombia.pdf

Agudelo-Cantero, G. A. Navas, C. A. (2019). **Interactive effects of experimental heating rates, ontogeny and body mass on the upper thermal limits of anuran larvae.** *Journal of Thermal Biology*, 82, C, pp.43-51.

<https://www.sciencedirect.com/science/article/pii/S0306456518305023>

Aguirre, K. Spiegel, H. Pecos, C. Carr, J. Harris, B. (2019). **The plus maze and scototaxis test are not valid behavioral assays for anxiety assessment in the South African clawed frog.** *Journal of Comparative Physiology A*, pp.1-16

<https://link.springer.com/article/10.1007/s00359-019-01351-3>

Allison, R. J. Kouba, A. J. Kabelik, D. Feugang, J. M. Willard, J. T. Kouba, C. K. (2019). **Nasal administration of gonadotropin releasing hormone (GnRH) elicits sperm production in Fowler's toads (*Anaxyrus fowleri*).** *BMC Zoology*, 4(1), pp.1-10.

<https://bmczool.biomedcentral.com/articles/10.1186/s40850-019-0040-2>

Amer, S. A. M. Al-Qahtani, A. R. (2019). **First molecular identification of *Euphlyctis ehrenbergii* (Anura: Amphibia) inhabiting southwestern Saudi Arabia.** *The European Zoological Journal*, 86(1), Online.

<https://tandfonline.com/doi/full/10.1080/24750263.2019.1609104>

Arias, E. Chaves, G. Salazar, S. Salazar-Zúñiga, J. A. García-Rodríguez, A. (2019). **A new species of dink frog, genus *Diasporus* (Anura: Eleutherodactylidae), from the Caribbean foothills of the Cordillera de Talamanca, Costa Rica.** *Zootaxa*, 4609(2),

<https://www.biotaxa.org/Zootaxa/article/view/zootaxa.4609.2.4>

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(1), pp.173–197 (e176).

[http://amphibian-reptile-conservation.org/pdfs/Volume/Vol_13_no_1/ARC_13_1_\[General_Section\]_173-197_e176_low_res.pdf](http://amphibian-reptile-conservation.org/pdfs/Volume/Vol_13_no_1/ARC_13_1_[General_Section]_173-197_e176_low_res.pdf)

Arif, S. M. (2019). **Endoparasitic nematohelminthes collected from inside frog *Rana ridibunda* (Pallas, 1771) in two rivers near Baghdad/Iraq.** *Journal of Pharmaceutical Sciences and Research*, 11(5), pp.2080-2083.

<https://www.jpssr.pharmainfo.in/Documents/Volumes/vol11issue05/jpsr11051974.pdf>

Bacigalupe, L. D. Vásquez, I. A. Estay, S. A. Valenzuela-Sánchez, A. Alvarado-Rybak, M. Peñafiel-Ricaurte, A. Cunningham, A. A. Soto-Azat, C. (2019). **The amphibian-killing fungus in a biodiversity hotspot: identifying and validating high-risk areas and refugia.** *Ecosphere* 10(5), e02724.

<https://esajournals.onlinelibrary.wiley.com/doi/epdf/10.1002/ecs2.2724>

Bailey, L. L. Jones, P. Thompson, K. G. Foutz, H. P. Logan, J. M. Wright, F. B. Crockett, H. J. (2019). **Determining Presence of Rare Amphibian Species: Testing and Combining Novel Survey Methods.** *Journal of Herpetology*, 53(2), pp.115-124.

<https://bioone.org/journals/Journal-of-Herpetology/volume-53/issue-2/18-122/Determining-Presence-of-Rare-Amphibian-Species--Testing-and-Combining/10.1670/18-122.short>

Balaguera-Reina, S. A. Bustillo, S. Zarrate-Charry, D. A. Charry, F. Cepeda-Mercado, A. A. González-Maya, J. F. (2019). **Conservation Status and Distribution Based on a Species Distribution Model of the Endemic Yellow-striped Poison Frog, *Dendrobates truncatus* (Cope, 1861), in Colombia.** *Herpetological Review* 50(1), pp.52–57.

https://www.researchgate.net/profile/Sergio_Balaguera-Reina/publication/331876645_Conservation_Status_and_Distribution_Based_on_a_Species_Distribution_Model_of_the_Endemic_Yellow-striped_Poison_Frog_Dendrobates_truncatus_Cope_1861_in_Colombia/links/5cc612ba92851c8d220c5f01/Conservation-Status-and-Distribution-Based-on-a-Species-Distribution-Model-of-the-Endemic-Yellow-striped-Poison-Frog-Dendrobates-truncatus-Cope-1861-in-Colombia.pdf

Bardua, C. Evans, S. E. Goswami, A. Porro, L. (2019). **Phylogeny, ecology and deep time: 2D outline analysis of anuran skulls from the Early Cretaceous to the Recent** (Book review). *Palaeontology*, 62(3), pp.417-431.

<https://onlinelibrary.wiley.com/doi/full/10.1111/pala.12405>

Barrasso, D. A. Basso, N. G. (2019). **Low genetic divergence but many names in the endemic Patagonian frogs of the genus *Atelognathus* (Anura, Batrachylidae): A molecular genetic and morphological perspective** (Book review). *Journal of Zoological Systematics and Evolutionary Research*, 57(2), pp.383-399.

<https://onlinelibrary.wiley.com/doi/full/10.1111/jzs.12259>

Basanta, M. D. (2019). **Ecology and evolution of emerging diseases in amphibians: a review of ranavirus and chytridiomycosis.** *Revista Latinoamericana de Herpetologia*, 2(1), pp.9-25.

<http://herpetologia.fcienas.unam.mx/index.php/revista/article/view/74/30>

Bernard, R. F. Grant, E. H. C. (2019). **Identifying Common Decision Problem Elements for the Management of Emerging Fungal Diseases of Wildlife.** *Society and Natural Resources*, Online.

<https://www.tandfonline.com/doi/abs/10.1080/08941920.2019.1610820?journalCode=usnr20>

Blackburn, D. C. Paluh, D. J. Krone, I. Roberts, E. M. Stanley, E. L. Stevens, N. J. (2019). **The Earliest Fossil of the African Clawed Frog (Genus *Xenopus*) from Sub-Saharan Africa.** *Journal of Herpetology*, 53(2), pp.125-130.

<https://bioone.org/journals/Journal-of-Herpetology/volume-53/issue-2/18-139/The-Earliest-Fossil-of-the-African-Clawed-Frog-Genus-iXenopus/10.1670/18-139.short>

Bolis, A. Pellitteri-Rosa, D. Bellati, A. (2019). **Cross-specific mortality and differential occurrence of aberrant phenotypes in tadpoles of the *Pelophylax kl. esculentus* hemiclone assortment.** *Salamandra*, 55(2), pp. 127-130.

<http://www.salamandra-journal.com/index.php/home/contents/2019-vol-55/1938-bolis-a-d-pellitteri-rosa-a-bellati/file>

Bornschein, M. R. Teixeira, L. Ribeiro, L. F. (2019). **New record of *Brachycephalus fuscolineatus* Pie, Bornschein, Firkowski, Belmonte-Lopes & Ribeiro, 2015 (Anura, Brachycephalidae) from Santa Catarina state, Brazil.** *Check List* 15(3), pp.379–385.

<https://checklist.pensoft.net/article/33811/>

Bower, D. Lips, K. Amepou, Y. Richards, S. Dahl, C. Nagombi, A. et al. (2019). **Island of opportunity: Can New Guinea protect amphibians from a globally emerging pathogen?** *Frontiers in Ecology and the Environment*, In Press.

<https://researchoutput.csu.edu.au/en/publications/island-of-opportunity-can-new-guinea-protect-amphibians-from-a-gl>

Bower, D. S. Brannelly, L. A. McDonald, C. A. Webb, R. J. Greenspan, S. E. Vickers, M. Gardner, M. G. Greenlees, M. J. (2019). **A review of the role of parasites in the ecology of reptiles and amphibians (Book review).** *Austral Ecology*, 44(3), pp.433-448.

https://www.researchgate.net/profile/Laura_Brannelly/publication/329807227_A_review_of_the_role_of_parasites_in_the_ecology_of_reptiles_and_amphibians/links/5c403f55a6fdccd6b5b2defa/A-review-of-the-role-of-parasites-in-the-ecology-of-reptiles-and-amphibians.pdf

Boyd, S. K. (2019). **Effects of intracerebroventricular arginine vasotocin on a female amphibian proceptive behaviour.** *Journal of Comparative Physiology A*, Online, pp.1–9.

<https://link.springer.com/article/10.1007/s00359-019-01340-6>

Burakova, A. V. Baitimirova, E. A. Kshnyasev, I. A. Zubarev, I. V. (2019). **Urinal Sperm Motility and Parasite Load in Anuran Amphibians (Anura).** *Russian Journal of Herpetology*, 26(2).

<http://www.rjh.folium.ru/index.php/rjh/article/view/1184>

Calderon, M. González, P. Jofré, M. (2019). **Influence of water quality and habitat conditions on amphibian community metrics in rivers affected by urban activity.** *Urban Ecosystems*, May 2019, pp.1-13

<https://link.springer.com/article/10.1007/s11252-019-00862-w>

Çamlıca, Y. Bediz, S. C. Çömelekoğlu, Ü. Yılmaz, Ş. N. (2019). **Toxic effect of acetamiprid on Rana ridibunda sciatic nerve (electrophysiological and histopathological potential)**. *Drug and chemical toxicology*, 42(3), pp.264-269.

<https://www.ncbi.nlm.nih.gov/pubmed/29536770>

Campbell, L. J. Garner, T. W. Hopkins, K. Griffiths, A. G. Harrison (2019). **Outbreaks of an emerging viral disease covary with differences in the composition of the skin microbiome of a wild UK amphibian**. *Frontiers in Microbiology*, Online, doi: 10.3389/fmicb.2019.01245

<https://www.frontiersin.org/articles/10.3389/fmicb.2019.01245/abstract>

Carrillo, J. F. C. Dena, S. (2019). **Distress calls of Leptodactylus knudseni Heyer, 1972 (Anura, Leptodactylidae)**. *Herpetozoa* 32(2–3), pp.7-10.

https://www.researchgate.net/publication/333093550_Distress_calls_of_Leptodactylus_knudseni_Heyer_1972_Anura_Leptodactylidae

Cayuela, H. Gillet, L. Laudelout, A. Besnard, A. Bonnaire, E. Levionnois, P. Muths, E. Dufrêne, M. Kinet, T. (2019). **Survival cost to relocation does not reduce population self-sustainability in an amphibian**. *Ecological Applications*, p.e01909.

<https://esajournals.onlinelibrary.wiley.com/doi/abs/10.1002/eap.1909>

Chan K. O. Brown, R. M. (2019). **Linking patterns of genetic variation to processes of diversification in Malaysian torrent frogs (Anura: Ranidae: Amolops): a landscape genomics approach**. *BioRxiv*, Online.

<https://europepmc.org/abstract/ppr/ppr78344>

Chan, K. O. Grismer, L. L. (2019). To split or not to split? **Multilocus phylogeny and molecular species delimitation of southeast Asian toads (family: Bufonidae)**. *BMC Evolutionary Biology*, 19, Online.

<https://bmcevolbiol.biomedcentral.com/track/pdf/10.1186/s12862-019-1422-3>

Chaves, G. García-Rodríguez, A. Arias, E. (2019). **Grouped Perching Behavior in males of Incilius coniferus (Anura: Bufonidae)**. *Revista Latinoamericana de Herpetología*, 2(1), pp.37-38.

https://www.researchgate.net/publication/333562148_2019_Chaves-et-al-GROUPED_PERCHING_BEHAVIOR_IN_MALES_OF_INCILIUS_CONIFERUS

Cisternas-Medina, I. Ortiz, J. C. Ferrada-Fuente, S. (2019). **Development and characterization of microsatellite molecular markers for the eye mask frog *Batrachyla taeniata* (Girard,1855)**. *Genetics and Molecular Research* 18(2): gmr16039960

<https://www.geneticsmr.org/articles/development-and-characterization-of-microsatellite-molecular-markers-for-the-eye-mask-frog-batrachyla-taeniata-girard-18.pdf>

Cohen, J. McMahon, T. Ramsay, C. Roznik, E. Sauer, E. Bessler, S. Civitello, D. Delius, B. Halstead, N. Knutie, S. Nguyen, K. Ortega, N. Sears, B. Venesky, M. Young, S. Rohr, J. (2019). **Impacts of thermal mismatches on chytrid fungus *Batrachochytrium dendrobatidis* prevalence are moderated by life stage, body size, elevation and latitude**. *Ecology Letters*, 22(5), pp.817-825.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/ele.13239>

Coles, R. Reading, C. Jehle, R. (2019). **Linking effective population size dynamics to phenotypic traits in the common toad (*Bufo bufo*)**. *Conservation Genetics*, May 2019, pp.1-9.

<https://link.springer.com/article/10.1007/s10592-019-01185-1>

Collings, A. J. Porro, L. B. Hill, C. Richards, C. T. (2019). **The impact of pelvic lateral rotation on hindlimb kinematics and stride length in the red-legged running frog, *Kassina maculata***. *Royal Society Publishing*,6(5), pp.1-17.

<https://royalsocietypublishing.org/doi/10.1098/rsos.190060>

Cossel, J. O. Twining, J. Di Stefano, K. L. O'Brien, A. Reich, A. Alanis, J. S. (2019). **Vocalizations of five species of frogs in the *Craugastor podiciferus* species group (Anura: Craugastoridae) from Costa Rica**. *Herpetological Conservation and Biology* 14(1), pp.235-249.

https://www.researchgate.net/publication/332786561_Vocalizations_of_five_species_of_frogs_in_the_Craugastor_podiciferus_species_group_Anura_Craugastoridae_from_Costa_Rica

Costa-Campos, C. E. Freire, E. M. X. (2019). **Richness and composition of anuran assemblages from an Amazonian savanna**. *Zookeys* 843, pp.149-169.

https://www.researchgate.net/profile/Eliza_Freire/publication/332901086_Richness_and_composition_of_anuran_assemblages_from_an_Amazonian_savanna/links/5cda63bea6fdccc9ddaab388/Richness-and-composition-of-anuran-assemblages-from-an-Amazonian-savanna.pdf

Costa-Pereira, R. Araújo, M. S. Souza, F. L. Ingram, T. (2019). **Competition and resource breadth shape niche variation and overlap in multiple trophic dimensions**. *Proceedings of the Royal Society B*, 286(1902)

<https://royalsocietypublishing.org/doi/abs/10.1098/rspb.2019.0369>

Crane, A. L. Bairos-Novak, K. R. Jefferson, D. M. Chivers, D. P. Ferrari, M. C. O. (2019). **Survival, behaviour, and morphology of larval wood frogs, *Lithobates sylvaticus*, under threat from an exotic crayfish predator, *Orconectes virilis*.** *Aquatic Ecology*, Online, pp.1–10.

<https://link.springer.com/article/10.1007/s10452-019-09696-2>

Crane, A. L. Chivers, D. P. Ferrari, M. C. O. (2019). **Time-dependent latent inhibition of predator-recognition learning.** *Royal Society Publishing, Biology Letters*, 15(5), pp.1-5.

<https://royalsocietypublishing.org/doi/full/10.1098/rsbl.2019.0183>

de Carvalho, T. R. Cassini, C. S. Taucce, P. P. G. Haddad, C. F. B. (2019). **A New, Morphologically Cryptic Species of *Adenomera* Closely Related to *Adenomera araucaria* from the Atlantic Forest of Southern Brazil (Anura, Leptodactylidae).** *Journal of Herpetology*, 53(2), pp.131-143.

<https://bioone.org/journals/Journal-of-Herpetology/volume-53/issue-2/18-172/A-New-Morphologically-Cryptic-Species-of-Adenomera-i-Closely-Related/10.1670/18-172.short>

Deepak, C. K. Payra, A. Tripathy, B. Chandra, K. (2019). **Observation on rapid physiological color change in Giant tree frog *Rhacophorus smaragdinus* (Blyth, 1852) from Namdapha Tiger Reserve, Arunachal Pradesh, India.** *Herpetozoa* 32, pp.95–99.

<https://herpetozoa.pensoft.net/article/36023/>

Dehling, J. M. Ulrich, S. (2019). **Partitioning of morphospace in larval and adult reed frogs (Anura: Hyperoliidae: *Hyperolius*) of the Central African Albertine Rift.** *Zoologischer Anzeiger*, In Press.

<https://www.sciencedirect.com/science/article/pii/S0044523119300452>

de Moraes Júnior, C. S. Diniz, L. P. Diniz, L. P. Filho, S. L. do N. Brito, M. T. da S. Silva, A. de O. de Moura, G. J. B. de Melo Júnior, M. (2019). **Zooplankton associated with phytotelms and treefrogs in a neotropical forest.** *Iheringia Série Zoologia*, 109, Online, e2019020

http://www.scielo.br/scielo.php?pid=S0073-47212019000100220&script=sci_arttext

Del Valle, J. M. Eisthen, H. L. (2019). **Treatment of Chytridiomycosis in Laboratory Axolotls (*Ambystoma mexicanum*) and Rough-skinned Newts (*Taricha granulosa*).** *Comparative Medicine*, Online.

https://www.researchgate.net/publication/333482317_Treatment_of_Chlytridiomycosis_in_Laboratory_Axolotls_Ambystoma_mexicanum_and_Rough-skinned_Newts_Taricha_granulosa

Demircan, T. İlhan, A. E. Ovezmyradov, G. Öztürk, G. Yıldırım, S. (2019). **Longitudinal 16S rRNA data derived from limb regenerative tissue samples of axolotl *Ambystoma mexicanum***. *Scientific Data*, 6:70, Online.

<https://www.nature.com/articles/s41597-019-0077-7.pdf>

Deng, J. Tang, Y. Zhang, Q. Wang, C. Liao, M. Ji, P. Song, J. Luo, G. Chen, L. Ran, X. Wei, Z. Zheng, L. Dang, R. Liu, X. Zhang, H. Zhang, Y. S. Zhang, X. Tan, H. (2019). **A Bioinspired Medical Adhesive Derived from Skin Secretion of *Andrias davidianus* for Wound Healing**. *Advanced Functional Materials*, Online.

<https://onlinelibrary.wiley.com/doi/pdf/10.1002/adfm.201809110>

Denoël, M. Ficetola, G. F. Sillero, N. Džukić, G. Kalezić, M. L. Vukov, T. Muhovic, I. Ikoivic, V. Lejeune, B. (2019). **Traditionally managed landscapes do not prevent amphibian decline and the extinction of paedomorphosis** (Book review). *Ecological Monographs*, 89(2), p.e01347

<https://esajournals.onlinelibrary.wiley.com/doi/abs/10.1002/ecm.1347>

Duarte-Marín, S. López-Molina, K. L. Arcila-Pérez, L. F. (2019). **Defensive behaviour in *Hyloscirtus larinopygion* (Duellman, 1973) (Anura: Hylidae)**. *Herpetology Notes*, 12, pp.509-511.

<https://www.biotaxa.org/hn/article/viewFile/37326/45586>

Dufresnes, C. Beddek, M. Skorinov, D. V. Fumagalli, L. Perrin, N. Crochet, P-A. Litvinchuk, S. N. (2019). **Diversification and speciation in tree frogs from the Maghreb (*Hyla meridionalis sensu lato*), with description of a new African endemic**. *Molecular Phylogenetics and Evolution*, 134, pp.291-299.

<https://www.sciencedirect.com/science/article/pii/S1055790318308078>

Dugo-Cota, Á. Vilà, C. Rodríguez, A. Gonzalez-Voyer, A. Ruegg, K. (2019). **Ecomorphological convergence in *Eleutherodactylus* frogs: a case of replicate radiations in the Caribbean** (Book review). *Ecology Letters*, 22(5), pp.884-893.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/ele.13246>

Ehl, S. Vences, M. Veith, M. (2019). **Reconstructing evolution at the community level: A case study on Mediterranean amphibians**. *Molecular Phylogenetics and Evolution*, 134, pp.211-225.

<https://www.ncbi.nlm.nih.gov/pubmed/30797941>

Enriquez-Urzelai, U. Bernardo, N. Moreno-Rueda, G. Montori, A. Llorente, G. (2019). **Are amphibians tracking their climatic niches in response to climate warming? A test with Iberian amphibians.** *Climatic Change*, 154(1-2), pp.289-301.

<https://link.springer.com/article/10.1007/s10584-019-02422-9>

Escalona, M. Juncá, F. A. Giaretta, A. A. La Marca, E. Crawford, A. J. (2019). **Contrasting genetic, acoustic, and morphological differentiation in two closely related gladiator frogs (Hylidae: Boana) across a common Neotropical landscape.** *Zootaxa* 4609(3), 519.

<https://www.biotaxa.org/Zootaxa/article/view/zootaxa.4609.3.8>

Escoriza, D. Hernandez, A. (2019). **Using hierarchical spatial models to assess the occurrence of an island endemism: the case of Salamandra Corsica.** *Ecological Processes; Heidelberg* 8(15), Online, pp.1-11.

<https://ecologicalprocesses.springeropen.com/track/pdf/10.1186/s13717-019-0169-5>

Estrela, M. da N. Simões, C. R. M. A. Vieira, G. H. C. de Araújo, C. B. (2019). **Predicting the effects of noise on Anuran spatial distribution: the case of Scinax nebulosus.** *Bioacoustics*, Online.

<https://www.tandfonline.com/doi/abs/10.1080/09524622.2019.1618394>

Fan, Y. Yue, X. Yang, J. Shen, J. Shen, D. Tang, Y. Fang, G. (2019). **Preference of spectral features in auditory processing for advertisement calls in the music frogs.** *Frontiers in Zoology*, 16(13), pp.1-14.

<https://frontiersinzoology.biomedcentral.com/articles/10.1186/s12983-019-0314-0>

Ferreira, R. Lourenço-de-Moraes, R. Zocca, C. Duca, C. Beard, K. Brodie, E. (2019). **Antipredator mechanisms of post-metamorphic anurans: a global database and classification system.** *Behavioral Ecology and Sociobiology*, 73(5), pp.1-21.

<https://link.springer.com/article/10.1007/s00265-019-2680-1>

Ferreira Amado, T. Moreno Pinto, M. G. Olalla-Tárraga, M. Á. Tolley, K. (2019). **Anuran 3D models reveal the relationship between surface area-to-volume ratio and climate.** *Journal of Biogeography*, 46(7), pp.1429–1437.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/jbi.13593>

Filho, P. L. Aoki, C. De Sousa, D. L. A. De Souza, E. O. Brandao, R. Ávila, R. W. Oda, F. H. (2019). **Escape or be Preyed: New Records and Current Knowledge on Predators of Pseudinae Frogs (Anura: Hylidae) in South America.** *Acta Biologica Colombiana* 24(2) pp.397-402.

https://www.researchgate.net/profile/Reuber_Brandao/publication/332763973_Escape_or_be_Preyed_New_Records_and_Current_Knowledge_on_Predators_of_Pseudinae_Frogs_Anura_Hylidae_in_South_America/links/5cc87b6aa6fdcc1d49bbc0fa/Escape-or-be-Preyed-New-Records-and-Current-Knowledge-on-Predators-of-Pseudinae-Frogs-Anura-Hylidae-in-South-America.pdf

Fiorillo, B. F. Nali, R. C. Prado, C. P. A. (2019). **Habitat use and reproductive activity of anurans from a Cerrado area in Minas Gerais state, southeastern Brazil.** *Herpetology Notes*, 12, pp.565-575.

<https://www.biotaxa.org/hn/article/view/39703>

Fischer, E. K. Roland, A. B. Moskowitz, N. A. Vidoudez, C. Ranaivorazo, N. Tapia, E. E. Trauger, S. A. Vences, M. Coloma, L. A. O'Connell, L. A. (2019). **Mechanisms of convergent egg-provisioning in poison frogs.** *BioRxiv*, Online.

<https://www.biorxiv.org/content/biorxiv/early/2019/05/30/653501.full.pdf>

Folly, H. Thaler, R. Adams, G. B. Pereira, E. A. (2019). **Predation on *Scinax fuscovarius* (Anura, Hylidae) by *Scolopendra* sp. (Chilopoda: Scolopendridae) in the State of Tocantins, Central Brazil.** *Revista Latinoamericana de Herpetología*, 2(1), pp.39-43.

https://www.researchgate.net/publication/333479654_Predation_on_Scinax_fuscovarius_Anura_Hylidae_by_Scolopendra_sp_Chilopoda_Scolopendridae_in_the_State_of_Tocantins_Central_Brazil

Franklin, T. W. Wilcox, T. M. McKelvey, K. S. Greaves, S. E. Dysthe, J. C. Young, M. K. Schwartz, M. K. Lindstrom, J. (2019). **Repurposing Environmental DNA Samples to Verify the Distribution of Rocky Mountain Tailed Frogs in the Warm Springs Creek Basin, Montana.** *Northwest Science*, 93(1), pp.85-92.

<https://bioone.org/journals/Northwest-Science/volume-93/issue-1/046.093.0108/Repurposing-Environmental-DNA-Samples-to-Verify-the-Distribution-of-Rocky/10.3955/046.093.0108.short>

Fritz, K. A. Whiles, M. R. Trushenski, J. T. (2019). **Subsidies of long-chain polyunsaturated fatty acids from aquatic to terrestrial environments via amphibian emergence (Book review).** *Freshwater Biology*, 64(5), pp.832-842.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/fwb.13266>

Furtado, R. Lermen, L. N. Márquez, R. Hartz, S. M. (2019). **Neotropical dancing frog: the rich repertoire of visual displays in a hylodine species.** *Journal of Ethology*. Online.

<https://link.springer.com/article/10.1007/s10164-019-00600-x>

Gallo, A. C. Brasileiro, C. A. Barros, F. C. Carvalho, J. E. (2019). **Thermal and salinity effects on locomotor performance of *Thoropa taophora* tadpoles (Anura, Cycloramphidae).** *Integrative Zoology*, Accepted Article.

<https://www.researchgate.net/publication/333515816> Thermal and salinity effects on locomotor performance of *Thoropa taophora* tadpoles Anura Cycloramphidae

González-del-Pliego, P. Freckleton, R. P. Edwards, D. P. Koo, M. S. Scheffers, B. R. Pyron, A. Jetz, W. (2019). **Phylogenetic and Trait-Based Prediction of Extinction Risk for Data-Deficient Amphibians.** *Current Biology*, 29, pp.1557–1563.

[https://www.cell.com/current-biology/fulltext/S0960-9822\(19\)30403-8](https://www.cell.com/current-biology/fulltext/S0960-9822(19)30403-8)

Grasselli, E. Bianchi, G. Dondero, L. Marchianò, V. Carafa, M. Perrone, M. Salvidio, S. (2019). **First screening for *Batrachochytrium salamandrivorans* (Bsal) in wild and captive salamanders from Italy.** *Salamandra*, 55(2), pp.124–126.

https://www.researchgate.net/profile/Sebastiano_Salvidio/publication/333115954 First screening for *Batrachochytrium salamandrivorans* Bsal in wild and captive salamanders from Italy/links/5cdc3e5ca6fdccc9ddb18d86/First-screening-for-Batrachochytrium-salamandrivorans-Bsal-in-wild-and-captive-salamanders-from-Italy.pdf

Green, F. B. East, A. G. Salice, C. J. (2019). **Will temperature increases associated with climate change potentiate toxicity of environmentally relevant concentrations of chloride on larval green frogs (*Lithobates clamitans*)?** *Science of The Total Environment*, Preprint, Online.

<https://www.sciencedirect.com/science/article/pii/S0048969719320297>

Green, S. R. Storey, K. B. (2019). **Purification of carbamoyl phosphate synthetase 1 (CPS1) from wood frog (*Rana sylvatica*) liver and its regulation in response to ice-nucleation and subsequent whole-body freezing.** *Molecular and Cellular Biochemistry*, 455, Issue 1–2, pp.29–39.

<https://www.ncbi.nlm.nih.gov/pubmed/30421312>

Guarino, F. M. Crottini, A. Mezzasalma, M. Randrianirina, J. E. Andreone, F. (2019). **A skeletochronological estimate of age and growth in a large riparian frog from Madagascar (Anura, Mantellidae, *Mantidactylus*).** *Herpetozoa* 32, pp.39–44.

<https://herpetozoa.pensoft.net/article/35576/>

Gutiérrez-Vannucchi, A. C. Rodríguez-Umaña, P. Sandoval, L. García-Rodríguez, A. (2019). **Diel acoustic variation in *Hyalinobatrachium fleischmanni* (Anura: Centrolenidae) in urban habitat with different anthropogenic noise levels.** *Biologia Tropical*, 67(2), pp.249-258.

<https://revistas.ucr.ac.cr/index.php/rbt/article/view/37237/37940>

Hasegawa, H. (2019). **Zygocaulus nagoensis** N. Gen. and N. Sp. (Trichostrongyloidea: Dictyocaulidae), a Peculiar Bursate Nematode Collected from an Alien Frog, *Polypedates leucomystax*, in Nago, Okinawa Island, Japan. *Journal of Parasitology*, 105(3), pp.409-413.

<https://bioone.org/journals/Journal-of-Parasitology/volume-105/issue-3/18-211/Zygocaulus-nagoensis-N-Gen-and-N-Sp-Trichostrongyloidea/10.1645/18-211.short>

Hegde, G. Krishnamurthy, S. V. Berger, G. (2019). **Common frogs response to agrochemicals contamination in coffee plantations, Western Ghats, India.** *Chemistry and Ecology*, 35(5), p.397-407.

<https://www.tandfonline.com/doi/abs/10.1080/02757540.2019.1584613?journalCode=gche20>

Hernandez, A. Vaissi, S. Sharifi, M. (2019). **Skin bacterial microflora of two closely related mountain newts (Salamandridae) – the Yellow-spotted mountain newt *Neurergus derjugini* and the Kaiser’s mountain newt *Neurergus kaiseri* – in the wild and in a breeding facility highlight new conservation perspectives.** *International Zoo Yearbook*.

https://www.researchgate.net/publication/333163712_Skin_bacterial_microflora_of_two_closely_related_mountain_newts_Salamandridae_-_the_Yellow-spotted_mountain_newt_Neurergus_derjugini_and_the_Kaiser%27s_mountain_newt_Neurergus_kaiseri_-_in_the_wild_and

Hernández-Gómez, O. Wuerthner, V. Hua, J. (2019). **Amphibian Host and Skin Microbiota Response to a Common Agricultural Antimicrobial and Internal Parasite.** *Microbial Ecology*, Online, pp1-17.

<https://link.springer.com/article/10.1007/s00248-019-01351-5>

Hopkins R. Folt, B. (2019) **Screaming Calls of *Leptodactylus savagei* (Smoky Jungle Frog) Function as an Alarm for Conspecifics.** *Journal of Herpetology*, 53(2), pp.154-157.

<https://www.journalofherpetology.org/doi/pdf/10.1670/18-083>

Huang Z. H. Wei, P. J. Jiang, L. Chen, S. Cheng, B. H. Lin, Y. Wu, L. G. Xu, Q. X. Wu, S. W. Wang, H. Y. Shen, J. X. (2019). **Effects of Ringer's solution with different concentrations of alcohol on biphasic compound action potentials of frog sciatic nerve trunk.** *Chinese Journal of Applied Physiology*, 35(3), pp.232-238.

<https://europepmc.org/abstract/med/31257805>

langrai, A. Hooroo, R. N. (2019). **Ultrastructure of the skin of the tree frog Polypedates leucomystax**. *Uttar Pradesh Journal of Zoology*, 39(2), 65-68.

<http://mbimph.com/index.php/UPJOZ/article/view/1400>

Ilicheva, N. V. Pochukalina, G. N. Podgornaya, O. I. (2019). **Actin depolymerization disrupts karyosphere capsule integrity but not residual transcription in late oocytes of the grass frog *Rana temporaria***. *Journal of Cellular Biochemistry*, Early View.

<https://onlinelibrary.wiley.com/doi/abs/10.1002/jcb.28767>

Jeliazkov, A. Lorrillière, R. Besnard, A. Garnier, J. Silvestre, M. Chiron, F. (2019). **Cross-scale effects of structural and functional connectivity in pond networks on amphibian distribution in agricultural landscapes** (Book review). *Freshwater Biology*, 64(5), pp.997-1014

<https://onlinelibrary.wiley.com/doi/abs/10.1111/fwb.13281>

Jiang, L. Chen, A. Niu, F. Zhang, Y. (2019). **Antioxidant vitamin E protects embryos of *Xenopus tropicalis* against lambda-cyhalothrin induced embryotoxicity**. *Environmental Science and Pollution Research International*, May 2019, pp.1-12

https://www.researchgate.net/publication/333383452_Antioxidant_vitamin_E_protects_embryos_of_Xenopus_tropicalis_against_lambda-cyhalothrin_induced_embryotoxicity

John, R. R. Gitzen, R. A. Guyer, C. (2019). **Overnight Movements of Green Salamanders (*Aneides aeneus*) in Northern Alabama**. *Journal of Herpetology*, 53(2), pp.158-164.

<https://bioone.org/journals/Journal-of-Herpetology/volume-53/issue-2/17-104/Overnight-Movements-of-Green-Salamanders-iAneides-aeneus-i-in-Northern/10.1670/17-104.short>

Joly, P. (2019). **Behavior in a Changing Landscape: Using Movement Ecology to Inform the Conservation of Pond-Breeding Amphibians**. *Frontiers in Ecology and Evolution*, 7, 01 May 2019.

<https://www.frontiersin.org/articles/10.3389/fevo.2019.00155/full>

Jovanović, B. Crnobrnja-Isailović, J. (2019). **Fluctuations in population abundance in two anurans from Central Serbia**. *Herpetozoa* 32, pp.65–71.

https://www.researchgate.net/publication/333075141_Fluctuations_in_population_abundance_in_two_anurans_from_Central_SerbiaFigure_1_from_Jovanovic_B_Crnobrnja-Isailovic_J_2019_Fluctuations_in_population_abundance_in_two_anurans_from_Central_Serbia_Herpetozoa

Kaylor, M. J. VerWey, B. J. Cortes, A. Warren, D. R. (2019). **Drought impacts to trout and salamanders in cool, forested headwater ecosystems in the western Cascade Mountains, OR.** *Hydrobiologia*, 833(1), pp 65–80.

<https://link.springer.com/article/10.1007/s10750-019-3882-2>

Knepper, J. Lüddecke, T. Preißler, K. Vences, M. Schulz, S. (2019). **Isolation and Identification of Alkaloids from Poisons of Fire Salamanders (*Salamandra salamandra*).** *Journal of Natural Products*, 825, pp.1319-1324.

https://www.researchgate.net/profile/Tim_Lueddecke/publication/333007471_Isolation_and_Identification_of_Alkaloids_from_Poisons_of_Fire_Salamanders_Salamandra_salamandra/links/5cdaf60e92851c4eab9f93a4/Isolation-and-Identification-of-Alkaloids-from-Poisons-of-Fire-Salamanders-Salamandra-salamandra.pdf

Kha, C. X. Guerin, D. J. Tseng, K. A.-S. (2019). **Using the *Xenopus* Developmental Eye Regrowth System to Distinguish the Role of Developmental Versus Regenerative Mechanisms.** *Frontiers of Physiology*, Online, pp.1-15.

https://www.researchgate.net/profile/Cindy_Kha2/publication/332948267_Using_the_Xenopus_Developmental_Eye_Regrowth_System_to_Distinguish_the_Role_of_Developmental_Versus_Regenerative_Mechanisms/links/5cd30499299bf14d958170e3/Using-the-Xenopus-Developmental-Eye-Regrowth-System-to-Distinguish-the-Role-of-Developmental-Versus-Regenerative-Mechanisms.pdf

Kohli, A. K. Lindauer, A. L. Brannelly, L. A. Ohmer, M. E. B. Richards-Zawacki, C. Rollins-Smith, L. Voyles, J. (2019). **Disease and the Drying Pond: Examining Possible Links among Drought, Immune Function, and Disease Development in Amphibians*.** *Physiological and Biochemical Zoology*, 92(3), pp.339-348.

<https://www.journals.uchicago.edu/doi/abs/10.1086/703137?journalCode=pbz>

Kraus, F. (2019). **A revision of *Callulops doriae* (Anura: Microhylidae), with descriptions of four new species.** *Zootaxa* 4612(1), pp.1-28.

<https://www.mapress.com/j/zt/article/view/zootaxa.4612.1.1>

Krutetskaya, Z. I. Melnitskaya, A. V. Antonov, V. G. Nozdrachev, A. D. (2019). **Sigma-1 Receptor Antagonists Haloperidol and Chlorpromazine Modulate the Effect of Glutoxim on Na⁺ Transport in Frog Skin (Book review).** *Doklady Biochemistry and Biophysics*, 484(1), pp.63-65.

<https://link.springer.com/article/10.1134/S1607672919010186>

Kumar, K. S. George, S. (2019). **Development and characterization of ten polymorphic microsatellites of the Western Ghats frog *Indirana semipalmata* and cross amplification in related species.** *Molecular Biology Reports*, Online, pp.1-6.

https://www.researchgate.net/publication/333081669_Development_and_characterization_of_ten_polymorphic_microsatellites_of_the_Western_Ghats_frog_Indirana_semipalmata_and_cross_amplification_in_related_species

Laslo, M. Denver, R. J. Hanken, J. (2019). **Evolutionary Conservation of Thyroid Hormone Receptor and Deiodinase Expression Dynamics in ovo in a Direct-Developing Frog, *Eleutherodactylus coqui*.** *Frontiers in Endocrinology*,10, Online.

<https://www.frontiersin.org/articles/10.3389/fendo.2019.00307/full>

Licata, F. Freeman, K. Mahasoa, R. Ravololonarivo, V. Nahavitatsara, E. Andreone, F. Crottini, A. (2019). **Abundance, distribution and spread of the invasive Asian toad *Duttaphrynus melanostictus* in eastern Madagascar.** *Biological Invasions*, 21(5), pp.1615-1626.

<https://link.springer.com/article/10.1007/s10530-019-01920-2>

Lemos, G. F. Lourenço-de-Moraes, R. (2019). **Necrophilia in *Physalaemus nattereri* (Steindachner, 1863) (Anura: Leptodactylidae).** *Herpetology Notes*,12, pp.473-474.

<https://www.biotaxa.org/hn/article/viewFile/42070/44921>

Lindauer, A. May, T. Rios-Sotelo, G. Sheets, C. Voyles, J. (2019). **Quantifying *Batrachochytrium dendrobatidis* and *Batrachochytrium salamandrivorans* Viability.** *EcoHealth*, Online, pp.1-5.

<https://link.springer.com/article/10.1007/s10393-019-01414-6>

Lowe, W. H. Addis, B. R. (2019). **Matching habitat choice and plasticity contribute to phenotype-environment covariation in a stream salamander.** *Ecology*, 100(5), pp.e02661'

<https://esajournals.onlinelibrary.wiley.com/doi/10.1002/ecy.2661>

Luna-Dias, C. Ruggeri, J. de Carvalho-e-Silva, S. P. (2019). **Oral cavity of the tadpoles of *Boana bandeirantes* (Caramaschi and Cruz, 2013) and *B. polytaenia* (Cope, 1870), with a new state record for *B. bandeirantes* (Amphibia, Anura, Hylidae).** *Herpetology Notes*, 12, pp.537-542.

<https://www.biotaxa.org/hn/article/view/42102>

Lyu, Z.-T. Zeng, Z.-C. Wan, H. Yang, J.-H. Li, Y. L.-I. Pang, H. Wang, Y.-Y. (2019). **A new species of Amolops (Anura: Ranidae) from China, with taxonomic comments on A. liangshanensis and Chinese populations of A. marmoratus.** *Zootaxa*, 4609(2), pp.247-268.

https://www.researchgate.net/publication/333336248_A_new_species_of_Amolops_Anura_Ranidae_from_China_with_taxonomic_comments_on_A_liangshanensis_and_Chinese_populations_of_A_marmoratus

Mângia, S. Camurugi, F. Pereira, E. A. Carvalho, P. Röhr, D. L. Folly, H. Santana, D. J. (2019). **Release calls of four species of Phyllomedusidae (Amphibia, Anura).** *Herpetozoa* 32, pp.77–81.

file:///C:/Users/steve/Downloads/Herpetozoa_article_35729_en_1.pdf

Marsh, D. M. Townes, F. W. Cotter, K. M. Farroni, K. McCreary, K. L. Petry, R. L. Tilghman, J. M. (2019). **Thermal Preference and Species Range in Mountaintop Salamanders and Their Widespread Competitors.** *Journal of Herpetology*, 53(2), pp.96-103.

<https://bioone.org/journals/Journal-of-Herpetology/volume-53/issue-2/18-110/Thermal-Preference-and-Species-Range-in-Mountaintop-Salamanders-and-Their/10.1670/18-110.short>

Martins, R. A. Assalim, A. M. (2019). **First record of Trachycephalus nigromaculatus (Amphibia, Anura, Hylidae) in the state of Piauí, Brazil.** *Check List* 15 (3), pp.411–414.

<https://checklist.pensoft.net/articles.php?id=29775>

May, D. Shidemantle, G. Melnick-Kelley, Q. Crane, K. Hua, J. (2019). **The effect of intensified illuminance and artificial light at night on fitness and susceptibility to abiotic and biotic stressors*.** *Environmental Pollution*, In Press.

<https://www.sciencedirect.com/science/article/pii/S0269749118349121>

Mayer, M, Da Fonte, L. F. M. Lötters, S. (2019). **Mind the gap! A review of Amazonian anurans in GenBank.** *Salamandra*, 55(2), pp.89-96.

http://www.salamandra-journal.com/index.php/home/contents/2019-vol-55/1933-mayer-m-l-f-marin-da-fonte-s-loetters/file?fbclid=IwAR2qLkTU5A35BaApyS3jjrmbaUqkH7LUeEOZER2AYI_ZZT9ROBNVurK-Nxo

McCartney-Melstad, E. Gidiş, M. Shaffer, H. B. (2019). **An empirical pipeline for choosing the optimal clustering threshold in RADseq studies.** *Molecular Ecology Resources*, Preprint, Online.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/1755-0998.13029>

Mebs, D. Yotsu-Yamashita, M. Toennes, S. W. (2019). Tetrodotoxin content of Rough-skinned Newts, *Taricha granulosa* (Salamandridae), from their northern distribution range, British Columbia, Canada, and Southeast-Alaska, USA. *Salamandra*, 55(2). pp. 82-88

<http://www.salamandra-journal.com/index.php/home/contents/2019-vol-55/1932-mebs-d-m-yotsu-yamashita-s-w-toennes/file>

Medina, D. Hughey, M. C. Walke, J. B. Becker, M. H. Pontarelli, K. Sun, S. Badgley, B. Belden, L. K. (2019). **Amphibian skin fungal communities vary across host species and do not correlate with infection by a pathogenic fungus.** *Environmental microbiology*, Online.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/1462-2920.14682>

Melotto, A. Ficetola, G. F. Manenti, R. (2019). **Safe as a cave? Intraspecific aggressiveness rises in predator-devoid and resource-depleted environments.** *Behavioral Ecology and Sociobiology*, 73(6), Online.

<https://link.springer.com/article/10.1007/s00265-019-2682-z>

Mendoza-Henao, A. M. Cortes-Gomez, Á. M. Gonzalez, M. A. Hernandez-Córdoba, O. D. Acosta-Galvis, A. R. Castro-Herrera, F. Daza, J. M. Hoyos, J. M. Ramirez-Pinilla, M. P. Urbina-Cardona, N. Salgado-Negret, B. (2019). **A morphological database for Colombian anuran species from conservation-priority ecosystems** (Book review). *Ecology*, 100(5), p.e02685

<https://esajournals.onlinelibrary.wiley.com/doi/10.1002/ecy.2685>

Meyer-Lucht, Y. Luquet, E. Jóhannesdóttir, F. Rödin-Mörch, P. Quintela, M. Richter-Boix, A. Höglund, J. Laurila, A. (2019). **Genetic basis of amphibian larval development along a latitudinal gradient: gene diversity, selection and links with phenotypic variation in transcription factor C/EBP-1.** *Molecular Ecology*, Preprint, Online.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/mec.15123>

Mohammadi-Alouche, R. Kami, H. G. Asadi, A. Hakimpoor, S. Astan, M. H. (2019). **The Faunistic study of Amphibians in Ardabil Region, North West of Iran.** *Experimental Animal Biology*, 7(4), Article 5, pp. 47-57.

http://eab.journals.pnu.ac.ir/article_5680_en.html

Mora M, Pons, D.J. Peñafiel-Ricaurte, A. Alvarado-Rybak, M. Lebuy, S. Soto-Azat, C. (2019) **High abundance of invasive African clawed frog *Xenopus laevis* in Chile: challenges for their control and updated invasive distribution.** *Management of Biological Invasions* 10(2), pp.377–388.

https://www.reabic.net/journals/mbi/2019/2/MBI_2019_Mora_etal.pdf

Mulder, K. P. Cortes-Rodriguez, N. Campbell G. Evan H. Brand, A. Fleischer, R. C. (2019). **North-facing slopes and elevation shape asymmetric genetic structure in the range-restricted salamander *Plethodon shenandoah*** (Book review). *Ecology and Evolution*, 9(9), pp.5094-5105.

<https://onlinelibrary.wiley.com/doi/pdf/10.1002/ece3.5064>

Muletz-Wolz, C. R. Fleischer, R. C. Lips, K. R. (2019). **Fungal disease and temperature alter skin microbiome structure in an experimental salamander system**. *Molecular Ecology*, Preprint Online.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/mec.15122>

Nguete Nguiffo, D. N. Wondji, C. S. Wabo, J. P. Mpoam, M. (2019). **Microfilariae infestation of goliath frogs (*Conraua goliath*) from Cameroon**. *PLoSOne*, Online.

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0217539>

Nguiffo, D. N. Mpoame, M. Wondji, C. S. (2019). **Genetic diversity and population structure of goliath frogs (*Conraua goliath*) from Cameroon**. *Mitochondrial DNA Part A*, Online.

<https://www.tandfonline.com/doi/abs/10.1080/24701394.2019.1615060?journalCode=imdn21>

Nonsrirach, T. Lauprasert, K. (2019). **Preliminary report on the genetic structure of *Glyphoglossus molossus* (Anura: Microhylidae) from the Khorat Plateau, north-eastern Thailand**. *Journal of Natural History*, 53, Pages 849-861.

<https://www.tandfonline.com/doi/abs/10.1080/00222933.2019.1618940>

O'donohoe, M. E. A. Luna, M. C. Regueira, E. Brunetti, A. E. Basso, N. G. Lynch, J. D. Pereyra, M. O. Hermida, G. N. (2019). **Diversity and evolution of the parotoid macrogland in true toads (Anura: Bufonidae)**. *Zoological Journal of the Linnean Society*, zlz027, Online.

<https://academic.oup.com/zoolinnea/advance-article-abstract/doi/10.1093/zoolinnea/zzz027/5498960>

Okada, R. Suzuki, M. Ito, N. Hyodo, S. Kikuyama, S. (2019). **A novel type of prolactin expressed in the bullfrog pituitary specifically during the larval period**. *General and Comparative Endocrinology*, 276, pp.77-85.

<https://www.sciencedirect.com/science/article/pii/S0016648018305641>

Okamiya, H. Kusano, T. (2019). **Effects of landscape features on gene flow among urban frog populations**. *Ecological Research*, 34(4), Online.

<https://esj-journals.onlinelibrary.wiley.com/doi/pdf/10.1111/1440-1703.12011>

Oliver, P. Rainer, G. Mumpuni, M. Richards, S. J. (2019). **Systematics of New Guinea treefrogs (Litoria: Pelodryadidae) with erectile rostral spikes: an extended description of Litoria pronimia and a new species from the Foja Mountains.** *Zootaxa* 4604(2):335.

<https://biotaxa.org/Zootaxa/article/view/zootaxa.4604.2.6>

Oliver, P. M. Richards, S. J. Donnellan, S. C. (2019). **Two new species of treefrog (Pelodrydidae: Litoria) from southern New Guinea elucidated by DNA barcoding.** *Zootaxa*, 4609(3), Online.

<https://www.mapress.com/j/zt/article/view/zootaxa.4609.3.4>

Oliveira, A. F. de. Castoldi, L. Vieira Junior, G. M. Monção Filho, E. dos S. Chaves, M. H. Rodrigues, D. de J. Sugui, M. M. (2019). **Evaluation of antimutagenic and cytotoxic activity of skin secretion extract of *Rhinella marina* and *Rhaebo guttatus* (Anura, Bufonidae).** *Acta Amazonica* 49, pp.145-151.

<http://www.scielo.br/pdf/aa/v49n2/1809-4392-aa-49-02-145.pdf>

Oromi, N. Valbuena-Ureña, E. Soler-Membrives, A. Amat, F. Camarasa, S. Carranza, S. Sanuy, D. Denoël, M. (2019). **Genetic structure of lake and stream populations in a Pyrenean amphibian (*Calotriton asper*) reveals evolutionary significant units associated with paedomorphosis.** *Journal of Zoological Systematics and Evolutionary Research*, 57(2), pp.418-430.

<https://onlinelibrary.wiley.com/doi/10.1111/jzs.12250>

Ovalle-Pacheco, A. Camacho-Rozo, C. Arroyo, S. (2019). **Amphibians from Serrania de Las Quinchas, in the mid-Magdalena river valley, Colombia.** *Check List* 15(3), pp.387–404.

<https://checklist.pensoft.net/article/29066/>

Passos, M. de A. Paredero, R. C. B. (2019). **New record of the endangered toad *Proceratophrys moratoi* (Jim and Caramaschi, 1980) (Amphibia, Anura, Odontophrynidae) from municipality of Campo Alegre de Goiás, state of Goiás, Brazil.** *Herpetology Notes*, 12, pp.523-525.

<https://www.biotaxa.org/hn/article/view/41086>

Paz, A. Spanos, Z. Brown, J. Lyra, M. Haddad, C. Rodrigues, M. Carnaval, A. (2019). **Phylogeography of Atlantic Forest glassfrogs (*Vitreorana*): when geography, climate dynamics and rivers matter.** *Heredity*, 122(5), pp.545-557.

<https://www.nature.com/articles/s41437-018-0155-1>

Peltzer, P. M. Lajmanovich, R. C. Martinuzzi, C. Attademo, A. M. Curi, L. M. Sandoval, M. T. (2019) **Biotoxicity of diclofenac on two larval amphibians: Assessment of development, growth, cardiac function and rhythm, behavior and antioxidant system.** *The Science of the total environment*, 683, pp.624-637.

https://www.researchgate.net/publication/333326033_Biotoxicity_of_diclofenac_on_two_larval_amphibians_Assessment_of_development_growth_cardiac_function_and_rhythm_behavior_and_antioxidant_system

Penna, M. Solis, R. Corradini, P. Moreno-Gómez, F. N. (2019). **Diverse patterns of temporal selectivity in the evoked vocal responses of a frog from the temperate austral forest, *Batrachyla taeniata* (Batrachylidae).** *Bioacustics*, Online.

<https://www.tandfonline.com/doi/abs/10.1080/09524622.2019.1616616?journalCode=tbio20>

Pereira, E. A. P. Folly, H. da Silva, L. A. Rebouças, R. Santana, D. J. (2019). **New distribution records of *Ollolygon canastrensis* (Cardoso and Haddad, 1982) (Anura: Hylidae).** *Herpetology Notes*, 12, pp.487-490.

https://diegojsantana.weebly.com/uploads/2/0/6/0/20601370/pereira_et_al_2019.pdf

Phimmachak, S. Richards, S. J. Sivongxay, N. Seateun, S. Chuaynkern, Y. Makchai, S. Som, H. E. Stuart, B. L. (2019). **A new caruncle-bearing fanged frog (*Limnonectes*, *Dicroglossidae*) from Laos and Thailand.** *ZooKeys* 846, pp.133–156.

<https://zookeys.pensoft.net/article/33200/>

Pintanel, P. Tejado, M. Ron, S. R. Llorente, G. A. Merino-Viteri, A. (2019). **Elevational and microclimatic drivers of thermal tolerance in Andean *Pristimantis* frogs.** *Journal of Biogeography*, Special Issue.

<https://onlinelibrary.wiley.com/doi/full/10.1111/jbi.13596>

Pogoda, P. (2019). **Reproduction and paternal care in the Asian bird poop frog, *Theloderma albopunctatum* (Liu and Hu, 1962).** *Herpetology Notes*, 12, pp.439-441.

https://www.researchgate.net/publication/332800633_Reproduction_and_paternal_care_in_the_Asian_bird_poop_frog_Theloderma_albopunctatum_Liu_and_Hu_1962

Price, S. J. Leung, W. T. M. Owen, C. J. Puschendorf, R. Sergeant, C. Cunningham, A. A. Balloux, F. Garner, T. W. J. Nichols, R. A. (2019). **Effects of historic and projected climate change on the range and impacts of an emerging wildlife disease.** *Global Change Biology*, 00, pp.1-13.

<https://onlinelibrary.wiley.com/doi/epdf/10.1111/gcb.14651>

Prokića, M. D. Gavrića, J. P. Petrovića, T. G. Despotovića, S. G. Gavrilovića, B. R. Radovanovića, T. B. Krizmanićb, I. I. Pavlović, S. Z. (2019). **Oxidative stress in Pelophylax esculentus complex frogs in the wild during transition from aquatic to terrestrial life.** *Comparative Biochemistry and Physiology. Part A, Physiology* 234, pp.98-105.

https://www.researchgate.net/publication/333004347_Oxidative_stress_in_Pelophylax_esculentus_complex_frogs_in_the_wild_during_transition_from_aquatic_to_terrestrial_life

Queiroz, M. S. Couto, R. M. P. Miguel, M. C. (2019). **Leptodactylus chaquensis - the voracious generalist frog as a predator of two different anuran species.** *Herpetology Notes*, 12, pp.483-486.

<https://www.biotaxa.org/hn/article/view/45810>

Rada. M. Dos Santos Dias , P. H. D. S. Pérez-Gonzalez, J. L. Anganoy-Criollo, M. Rueda-Solano, L. A. Pinto-E, M. A. Quintero, L. M. Vargas-Salinas, F. Grant, T. (2019). **The poverty of adult morphology: Bioacoustics, genetics, and internal tadpole morphology reveal a new species of glassfrog (Anura: Centrolenidae: Ikakogi) from the Sierra Nevada de Santa Marta, Colombia.** *PLoS One*, Online,

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0215349>

Raimondo, S. Sharpe, L. Oliver, L. Mccaffrey, K. R. Purucker, S. T. Sinnathamby, S. Minucci, J. M. (2019). **A unified approach for protecting listed species and ecosystem services in isolated wetlands using community-level protection goals.** *Science of The Total Environment*, 663, pp.465-478.

<https://www.sciencedirect.com/science/article/pii/S0048969719301731>

Rakotoarison, A. Scherz, M. D. Bletz, M. C. Razafindraibe, J. H. Glaw, F. Vences, M. (2019). **Diversity, elevational variation, and phylogeographic origin of stump-toed frogs (Microhylidae: Cophylinae: Stumpffia) on the Marojejy massif, northern Madagascar.** *Salamandra*, 55(2), pp.115-123

<http://www.salamandra-journal.com/index.php/home/contents/2019-vol-55/1936-rakotoarison-a-m-d-scherz-m-c-bletz-j-h-razafindraibe-f-glaw-m-vences/file>

Ribeiro, J. Colli, G. R. Soares, A. (2019). **Landscape correlates of anuran functional connectivity in rice crops: a graph-theoretic approach.** *Journal of Tropical Ecology*, 35(03), pp.118-131.

<https://www.cambridge.org/core/journals/journal-of-tropical-ecology/article/landscape-correlates-of-anuran-functional-connectivity-in-rice-crops-a-graphtheoretic-approach/03C1B3DFB98FE589AF763AA6821266FD>

Richards, S. Günther R. (2019). **Three new scansorial species of microhylid frogs (Anura: Cophixalus, Oreophryne) from Papua New Guinea.** *Salamandra* 55(2), pp. 55-72.

<http://www.salamandra-journal.com/index.php/home/contents/2019-vol-55/1930-richards-s-r-guenther/file>

Riepe, T. B. Calhoun, D. M. Johnson, P. T. J. (2019). **Comparison of direct and indirect techniques for evaluating endoparasite infections in wild-caught newts (Taricha torosa and T. granulosa).** *Diseases of Aquatic Organisms*, 134, pp.137-146.

<https://www.ncbi.nlm.nih.gov/pubmed/31120040>

Rijks, J. M. Saucedo, B. Brunner, J. L. Hick, P. Lesbarrères, D. Duffus, A. Ash, L. V. Marschang, R. E. (2019). **Report on the 4th International Symposium on Ranaviruses 2017.** *The Journal of Herpetological Medicine and Surgery*, 28, No. 1–2, pp. 13–18.

https://www.researchgate.net/profile/David_Lesbarreres/publication/322749286_Report_on_the_4th_International_Symposium_on_Ranaviruses_2017/links/5bfaff9d92851ced67d7ec65/Report-on-the-4th-International-Symposium-on-Ranaviruses-2017.pdf

Ringler, E. Coates, M. Cobo-Cuan, A. Harris, N. G. Narins, P. M. (2019). **MEMRI for visualizing brain activity after auditory stimulation in frogs.** *Behavioral Neuroscience*, Preprint, Online.

<https://europepmc.org/abstract/med/31045394>

Rödin-Mörch, P. Luquet, E. Meyer-Lucht, Y. Richter-Boix, A. Höglund, J. Laurila, A. (2019). **Latitudinal divergence in a wide-spread amphibian: contrasting patterns of neutral and adaptive genomic variation.** *Molecular Ecology*, Online.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/mec.15132>

Rogic, A. Tessier, N. Lapointe, F.-J. (2019). **Genetic Characterization of Imperiled Boreal Chorus Frogs Identifies Populations for Conservation.** *Journal of Herpetology* 53(2), pp.89-95.

<https://bioone.org/journals/Journal-of-Herpetology/volume-53/issue-2/17-126/Genetic-Characterization-of-Imperiled-Boreal-Chorus-Frogs-Identifies-Populations-for/10.1670/17-126.short>

Rojas-Padilla, O. Rios-Alva, E. J. Gagliardi-Urrutia, G. (2019). **First records of Gastrotheca longipes (Boulenger, 1882), Cochranella resplendens (Lynch and Duellman, 1973) and Teratohyla midas (Lynch and Duellman, 1973) for the Allpahuayo-Mishana National Reserve, Peru, with comments on their distribution in the Amazon basin.** *Herpetology Notes*, 12, pp.461-472.

<http://repositorio.iiap.gob.pe/bitstream/IIAP/386/1/Rojas-Padilla%20et%20al.%202019%20HN.pdf>

Rolland, J. Condamine, F. L. (2019). **The contribution of temperature and continental fragmentation to amphibian diversification.** *Journal of Biogeography*, Online.

<https://onlinelibrary.wiley.com/doi/full/10.1111/jbi.13592>

Ruggeri, J. Ribeiro, L. P. Pontes, M. R. Toffolo, C. Candido, M. Carriero, M. M. Zanella, N. Sousa, R. L. M. Toledo, L. F. (2019). **First Case of Wild Amphibians Infected with Ranavirus in Brazil.** *Journal of Wildlife Diseases*, In-Press.

https://www.jwildlifedis.org/doi/abs/10.7589/2018-09-224?fbclid=IwAR10vL4-D1DEfgk8odIJEUpbenK1AIVcLCc5kSaAYGTONQRv2_IYsNAf6aA

Sachs, L. M. Buchholz, D. R. (2019). **Insufficiency of Thyroid Hormone in Frog Metamorphosis and the Role of Glucocorticoids.** *Frontiers of Endocrinology*, 10, Article 287, Online.

<https://www.frontiersin.org/articles/10.3389/fendo.2019.00287/full>

Salvidio, S. Costa, A. Crovetto, F. (2019). **Individual Trophic Specialisation in the Alpine Newt Increases with Increasing Resource Diversity.** *Annales Zoologici Fennici*, 56(1-6), pp.17-24.

<https://bioone.org/journals/Annales-Zoologici-Fennici/volume-56/issue-1-6/086.056.0102/Individual-Trophic-Specialisation-in-the-Alpine-Newt-Increases-with-Increasing/10.5735/086.056.0102.short>

Santana, D. J. Ferreira, V. G. Crestani, G. N. Neves, M. O. (2019). **Diet of the Rufous Frog *Leptodactylus fuscus* (Anura, Leptodactylidae) from two contrasting environments.** *Herpetozoa*, 32, pp.1–6.

<https://herpetozoa.pensoft.net/article/35623/>

Scheun, J. Greeff, D. Medger, K. Ganswindt, A. Hunt, K. (2019). **Validating the use of dermal secretion as a matrix for monitoring glucocorticoid concentrations in African amphibian species.** *Conservation Physiology*, 7(1)

https://www.researchgate.net/publication/332946802_Validating_the_use_of_dermal_secretion_as_a_matrix_for_monitoring_glucocorticoid_concentrations_in_African_amphibian_species

Scott, M. F. (2019). **Causes and consequences of reciprocal translocations on sex chromosomes.** *Molecular Ecology*, Preprint.

<https://onlinelibrary.wiley.com/doi/full/10.1111/mec.15064>

Sinsch, U. Heneberg, P. Těšínský, M. Balczun, C. Scheid, P. (2019). **Helminth endoparasites of the smooth newt *Lissotriton vulgaris*: linking morphological identification and molecular data.** *Journal of Helminthology*, 93(3), pp.332-341.

https://www.researchgate.net/publication/322744880_Helminth_endoparasites_of_the_smooth_newt_Lissotriton_vulgaris_linking_morphological_identification_and_molecular_data

Slaby, S. Marin, M. Marchand, G. Lemiere, S. (2019). **Exposures to chemical contaminants: What can we learn from reproduction and development endpoints in the amphibian toxicology literature?** *Environmental Pollution*, 248, pp.478-495.

<https://www.sciencedirect.com/science/article/pii/S0269749118333918>

Smalling, K. L. Anderson, C. W. Honeycutt, R. K. Cozzarelli, I. M. Preston, T. Hossack, B. R. (2019). **Associations between environmental pollutants and larval amphibians in wetlands contaminated by energy-related brines are potentially mediated by feeding traits.** *Environmental pollution*, 248, pp.260-268.

https://www.researchgate.net/publication/331094021_Associations_between_environmental_pollutants_and_larval_amphibians_in_wetlands_contaminated_by_energy-related_brines_are_potentially_mediated_by_feeding_traits

Smiroldo, J. Villa, A. Tremolada, P. Gariano, P. Balestrieri, A. Delfino, M. (2019). **Amphibians in Eurasian otter *Lutra lutra* diet: osteological identification unveils hidden prey richness and male-biased predation on anurans.** *Mammal Review*, Early View.

<https://onlinelibrary.wiley.com/doi/epdf/10.1111/mam.12155>

Stănescu, F. Forti, L. R. Cogălniceanu, D. Márquez, R. (2019). **Release and distress calls in European spadefoot toads, genus *Pelobates*.** *Bioacoustics*, 28(3), p.224-238.

<https://www.tandfonline.com/doi/abs/10.1080/09524622.2018.1428116>

Tagar, I. Shaikh, K. Gachal, G. S. Arain, I. Arain, M. Sarhindi, B. A. (2019). **Assessment of anurans (frogs and toads) inhabiting district Naushahro Feroze, Sindh, Pakistan.** *Journal of Entomology and Zoology Studies*, 7(1), pp.1419-1422.

<http://www.entomoljournal.com/archives/2019/vol7issue1/PartW/7-1-130-609.pdf>

Tavares-Costa, L. F. S. Dias-Souza, M. R. Costa-Campos, C. E. Melo, F. T. (2019). **Helminth parasites of *Ameerega pulchripecta* (Anura: Dendrobatidae) from the eastern Amazon, Brazil.** *Herpetology Notes*, 12, pp.435-437.

<https://biotaxa.org/hn/article/view/38396>

Thambirajah, A. A. Koide, E. M. Imbery, J. J. Helbing, C. C. (2019). **Contaminant and environmental influences on thyroid hormone action in amphibian metamorphosis.** *Frontiers in Endocrinology*, Online, doi: 10.3389/fendo.2019.00276

https://www.frontiersin.org/articles/10.3389/fendo.2019.00276/full?utm_source=F-NTF&utm_medium=EMLX&utm_campaign=PRD_FEOPS_20170000_ARTICLE

Thompson, P. (2019). **Translocation of Boreal Toad (*Anaxyrus boreas boreas*) into two springs in the Grouse Creek Mountains, Utah, including demographic observations.** *Western North American Naturalist*, 79(1), pp.24-36.

<https://bioone.org/search?term=Translocation+of+Boreal+Toad+%28Anaxyrus+boreas+boreas%29+into+two+springs+in+the+Grouse+Creek+Mountains%2C+Utah%2C+including+demographic+observations>

Tiutenko, A. Zinenko, O. (2019). **Tadpole of *Leptopelis ragazzii* (Boulenger, 1896), Shoa Forest Tree Frog (*Anura*, *Arthroleptidae*) Kaulquappe von *Leptopelis ragazzii* (Boulenger, 1896), Ragazzis Waldsteigerfrosch (*Anura*, *Arthroleptidae*).** *Herpetozoa*, 32, pp.51–55.

<https://herpetozoa.pensoft.net/article/35742/>

Tokmakov, A. A. Sato, K. I. (2019). **Activity and intracellular localization of senescence-associated beta-galactosidase in aging *Xenopus* oocytes and eggs.** *Experimental Gerontology*, 119, pp.157-167.

<https://www.ncbi.nlm.nih.gov/pubmed/30769028>

Torres-Sánchez, M. Gower, D. J. Alvarez-Ponce, D. Creevey, C. J. Wilkinson, M. San Mauro, D. (2019). **What lies beneath? Molecular evolution during the radiation of caecilian amphibians.** *BMC Genomics*, 20, 354, pp.1-13.

<https://bmcbgenomics.biomedcentral.com/track/pdf/10.1186/s12864-019-5694-1>

Üzüm, N. Avci, A. Olgun, K. Bülbül, U. Fahrbach, M. Litvinchuk, S. N. Wielstra, B. (2019). **Cracking cryptic species: external characters to distinguish two recently recognized banded newt species (*Ommatotriton ophryticus* and *O. nesterovi*).** *Salamandra* 55(2), pp.131-134.

https://www.researchgate.net/publication/333185869_Cracking_cryptic_species_external_characters_to_distinguish_two_recently_recognized_banded_newt_species_Ommatotriton_ophryticus_and_O_nesterovi

Van Meter, R. J. Adelizzi, R. Glinski, D. A. Henderson, W. M. (2019). **Agrochemical Mixtures and Amphibians: The Combined Effects of Pesticides and Fertilizer on Stress, Acetylcholinesterase Activity, and Bioaccumulation in a Terrestrial Environment** (Book review). *Environmental Toxicology and Chemistry*, 38(5), pp.1052-1061.

<https://setac.onlinelibrary.wiley.com/doi/abs/10.1002/etc.4375>

Vassilieva, A. B. (2019). **Larval morphology of Hylarana lateralis (Boulenger) (Anura: Ranidae) from southern Vietnam.** *Zootaxa*, 4612(1), pp.138–140.

https://www.researchgate.net/profile/Anna_Vassilieva/publication/333421330_Larval_morphology_of_Hylarana_lateralis_Boulenger_Anura_Ranidae_from_southern_Vietnam/links/5ced0a6992851c1ad4982234/Larval-morphology-of-Hylarana-lateralis-Boulenger-Anura-Ranidae-from-southern-Vietnam.pdf

Venâncio, C. Castro, B. B. Ribeiro, R. Antunes, S. C. Lopes, I. (2019). **Sensitivity to salinization and acclimation potential of amphibian (*Pelophylax perezi*) and fish (*Lepomis gibbosus*) models.** *Ecotoxicology and Environmental Safety*, 172, pp.348-355.

<https://www.sciencedirect.com/science/article/pii/S0147651319301253>

Venzal, J. M. Castillo, G. N. Gonzalez-Rivas, C. J. Mangold, A. J. Nava, S. (2019). **Description of *Ornithodoros montensis* n. sp. (Acari, Ixodida: Argasidae), a parasite of the toad *Rhinella arenarum* (Amphibia, Anura: Bufonidae) in the Monte Desert of Argentina.** *Experimental and Applied Acarology*, 78(1), pp.133-147.

https://www.researchgate.net/publication/333120805_Description_of_Ornithodoros_montensis_n_sp_Acari_Ixodida_Argasidae_a_parasite_of_the_toad_Rhinella_arenarum_Amphibia_Anura_Bufonidae_in_the_Monte_Desert_of_Argentina

von Bülow, B. Kupfer, A. (2019). **Monitoring population dynamics and survival of Northern Crested Newts (*Triturus cristatus*) for 19 years at a pond in Central Europe.** *Salamandra*, 55(2), pp. 97-102.

<http://www.salamandra-journal.com/index.php/home/contents/2019-vol-55/1934-von-buelow-b-a-kupfer/file>

Voss, S. R. Ponomareva, L. V. Dwaraka, V. B. Pardue, K. E. Baddar, N. W. A. H. Rodgers, A. K. Woodcock, M. R. Qiu, Q. Crowner, A. Blichmann, D. Khatri, S. Thorson, J. S. (2019). **HDAC Regulates Transcription at the Outset of Axolotl Tail Regeneration.** *Scientific Reports*, 9, Article number: 6751

<https://www.nature.com/articles/s41598-019-43230-6.pdf>

Waldron, B. P. Kuchta, S. R. Hantak, M. M. Hickerson, C.-A. M. Anthony, C. D. (2019). **Genetic Analysis of a Cryptic Contact Zone between Mitochondrial Clades of the Eastern Red-Backed Salamander, *Plethodon cinereus*.** *Journal of Herpetology*, 53(2), pp.144-153.

<https://bioone.org/journals/Journal-of-Herpetology/volume-53/issue-2/18-088/Genetic-Analysis-of-a-Cryptic-Contact-Zone-between-Mitochondrial-Clades/10.1670/18-088.short>

Wang M.-H. Wu, C.-H. Huang, T.-Y. Sung, H.-W. Chiou, L.- L. Lin, S.-P. Lee, H.-S. (2019). **Nerve-mediated expression of histone deacetylases regulates limb regeneration in axolotls.** *Developmental Biology*, 449(2), pp.122-131.

<https://www.sciencedirect.com/science/article/pii/S0012160618304706>

Wang, J. Li, Y.-L. Li, Y. Chen, H.-H. Zeng, Y.-J. Shen, J.-M. Wang, Y.-Y. (2019). **Morphology, molecular genetics, and acoustics reveal two new species of the genus *Leptobranchella* from northwestern Guizhou Province, China (Anura, Megophryidae).** *ZooKeys* 848, pp.119-154

https://www.researchgate.net/publication/333223404_Morphology_molecular_genetics_and_acoustics_reveal_two_new_species_of_the_genus_Leptobranchella_from_northwestern_Guizhou_Province_China_Anura_Megophryidae

Wilson, L. Channing, A. (2019). **A new sand frog from Namaqualand, South Africa (Pyxicephalidae: Tomopterna).** *Zootaxa*, 4609(2), Online.

<https://www.biotaxa.org/Zootaxa/article/view/zootaxa.4609.2.2>

Woodhams, D. C. Rollins-Smith, L. A. Reinert, L. K. Lam, B. A. Harris, R. N. Briggs, C. J. Vredenburg, V. T. Patel, B. T. Caprioli, R. M. Chaur, P. Bigler, P. H. L. (2019). **Probiotics Modulate a Novel Amphibian Skin Defense Peptide That Is Antifungal and Facilitates Growth of Antifungal Bacteria.** *Microbial Ecology*, Online, pp.1-11.

<https://link.springer.com/article/10.1007%2Fs00248-019-01385-9>

Wooten, J. A. Sullivan, B. K. Klooster, M. R. Schwaner, T. D. Sullivan, K. O. Brown, A. D. Takahashi, M. Bradford, P. R. (2019). **Thirty Years of Hybridization between Toads along the Agua Fria River in Arizona: Part II: Fine-Scale Assessment of Genetic Changes over Time Using Microsatellites.** *Journal of Herpetology*, 53(2), pp.104-114.

<https://bioone.org/journals/Journal-of-Herpetology/volume-53/issue-2/18-101/Thirty-Years-of-Hybridization-between-Toads-along-the-Agua-Fria/10.1670/18-101.short>

Wu, N. C. McKercher, C. Cramp, R. L. Franklin, C. E. (2019). **Mechanistic basis for the loss of water balance in green tree frogs infected with a fungal pathogen.** *American Journal of Physiology-Regulatory, Integrative and Comparative Physiology*, Online.

<https://www.ncbi.nlm.nih.gov/pubmed/31141416>

Xu, Y. Guan, T. Liu, J. Su, H. Zhang, Z. Ning, F. Du, Z. Ba, X. (2019). **An efficient and safe method for the extraction of total DNA from shed frog skin.** *Conservation Genetics Resources*, Online, pp.1–5.

<https://link.springer.com/article/10.1007/s12686-019-01104-z>

Zaffaroni, M. Zamberletti, P. Creed, I. F. Accatino, F. De Michele, C. DeVries, B. (2019). **Safeguarding Wetlands and Their Connections within Wetlandscapes to Improve Conservation Outcomes for Threatened Amphibian Species**. *Journal of the American Water Resources Association*, Online, Early View.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/1752-1688.12751?af=R>

Zamora-Camacho, F. J. Aragón, P. (2019). **Failed predator attacks have detrimental effects on antipredatory capabilities through developmental plasticity in Pelobates cultripes toads**. *Functional Ecology*, 33(5), pp.846-854.

<https://besjournals.onlinelibrary.wiley.com/doi/abs/10.1111/1365-2435.13308>

Zalewska, K. Zalewski, A. (2019). **Size Selection of Alternative Prey Relative to the Abundance of Primary Prey: Pine Marten Hunting for Frogs**. *Annales Zoologici Fennici*, 56(1-6), pp.41-49.

<https://bioone.org/journals/Annales-Zoologici-Fennici/volume-56/issue-1-6/086.056.0105/Size-Selection-of-Alternative-Prey-Relative-to-the-Abundance-of/10.5735/086.056.0105.short>

Zaw, T. Lay, P. Pawangkhanant, P. Gorin, V. A. Poyarkov, N. A. Jr. (2019). **A new species of Crocodile Newt, genus Tylototriton (Amphibia, Caudata, Salamandridae) from the mountains of Kachin State, northern Myanmar**. *Zoological Research* 40(3): 151–174.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6591163/>

Zeng, X-T. Zhang, Q-Y. (2019). **Interaction between Two Iridovirus Core Proteins and Their Effects on Ranavirus (RGV) Replication in Cells from Different Species**. *Viruses*, 11(5), pp.1-13.

<https://www.mdpi.com/1999-4915/11/5/416>

Zhang, J. Hawkins, L. J. Storey, K. B. (2019). **DNA methylation and regulation of DNA methyltransferases in a freeze tolerant vertebrate**. *Biochemistry and Cell Biology*, Online.

<https://www.nrcresearchpress.com/doi/10.1139/bcb-2019-0091#.XO9JO49S-00>

June

Alcala, N. Launer, A. E. Westphal, M. F. Seymour, R. Cole, E. M. Rosenberg, N. A. (2019). **Use of stochastic patch occupancy models in the California red-legged frog for Bayesian inference regarding past events and future persistence** (Book review). *Conservation Biology*, 33(3), pp.685-696.

<https://onlinelibrary.wiley.com/doi/full/10.1111/cobi.13192>

Alkaya, A., & Sereflisan, H. (2019). **Comparative Histological Observation of Liver Tissue Before and After Reproduction in Male and Female Frogs (Pelophylax ridibundus).** *Aquatic Sciences and Engineering*, 34(2), 46-50.

<https://dergipark.org.tr/download/article-file/747586>

Arancio, A. L. Cole, K. D. Dominguez, A. K. Cohenour, E. K. Kadie, J. Maloney, W. C. Cilliers, C. Schuh, S. M. (2019). **Data demonstrating distinct embryonic developmental defects induced by bisphenol A alternatives.** *Data in Brief*, 104091, In Press.

<https://www.sciencedirect.com/science/article/pii/S2352340919304457>

Atlas, J. E. Fu, J. (2019). **Isolation by resistance analysis reveals major barrier effect imposed by the Tsinling Mountains on the Chinese wood frog.** *Journal of Zoology*, Early View.

<https://zslpublications.onlinelibrary.wiley.com/doi/pdf/10.1111/jzo.12702>

Auguste, R. J. Deo, R. Finnell, B. Ali, H. (2019). **First report of a caecilian amphibian (Siphonopidae: Microcaecilia sp.) being preyed upon by a scorpion (Chactidae: Brotheas sp.).** *Herpetology Notes*, 12, pp.661-662.

<https://www.biotaxa.org/hn/article/view/46976>

Babalola, O. O. Truter, J. C. van Wyk, J. H. (2019). **Mortality, teratogenicity and growth inhibition of three glyphosate formulations using Frog Embryo Teratogenesis Assay-Xenopus.** *Journal of Applied Toxicology*, Early View.

<https://onlinelibrary.wiley.com/doi/pdf/10.1002/jat.3811>

Barrantes-Madrigal, J. Parallada, M. S. Alvarado, G. Chaves, V. J. A. (2019). **Distribution and invasion progress of Eleutherodactylus coqui (Anura: Eleutherodactylidae) introduced in Costa Rica.** *Phyllomedusa* 18(1), pp.101–107.

https://www.researchgate.net/publication/333992855_Distribution_and_invasion_progress_of_Eleutherodactylus_coqui_Anura_Eleutherodactylidae_introduced_in_Costa_Rica

Baugh, A. T. Bee, M. A. Gall, M. D. (2019). **The paradox of hearing at the lek: auditory sensitivity increases after breeding in female gray treefrogs (Hyla chrysoscelis).** *Journal of Comparative Physiology A*, 205, pp.629–639.

<http://www.baughlab.org/wp-content/uploads/2019/04/Baugh-et-al.-2019-JCPA-1.pdf>

Beekman, M. Thompson, M. Jusup, M. (2019). **Thermodynamic constraints and the evolution of parental provisioning in vertebrates.** *Behavioral Ecology*, 30(3), pp.583-591.

<https://academic.oup.com/behco/article/30/3/583/5421032>

Borges, A. C. R. dos Santos, T. F. Frazão, L. Marques-Souza, S. Menin, M. (2019). **Food habits of *Rhinella proboscidea* (Anura: Bufonidae) in terra firme forests of central Amazonia.** *Phyllomedusa* 18(1), pp.37–46.

<http://www.periodicos.usp.br/phylo/article/view/159075/153998>

Borzée, A. Baek, H. J. Lee, C. H. Kim, D. Y. Song, J.-Y. Suh, J.-H. Jang, Y.-W. Min, M.-S. (2019). **Scientific publication of georeferenced molecular data as an adequate guide to delimit the range of Korean *Hynobius* salamanders through citizen science.** *Acta Herpetologica* 14(1): 27-33.

<http://www.fupress.net/index.php/ah/article/view/24102>

Bossuyt, F. Schulte, L. M. Maex, M. Janssenswillen, S. Novikova, P. Y. Biju, S. D. Van de Peer, Y. Matthijs, S. Roelants, K. Martel, A. Van Boclaer, I. (2019). **Multiple Independent Recruitment of Sodefrin Precursor-Like Factors in Anuran Sexually Dimorphic Glands.** *Molecular Biology & Evolution*, Advance Access.

https://www.researchgate.net/profile/Lisa_Schulte/publication/334065429_Multiple_Independent_Recruitment_of_Sodefrin_Precursor-Like_Factors_in_Anuran_Sexually_Dimorphic_Glands/links/5d2844e0458515c11c274062/Multiple-Independent-Recruitment-of-Sodefrin-Precursor-Like-Factors-in-Anuran-Sexually-Dimorphic-Glands.pdf

Brom, P. Anderson, P. Channing, A. Underhill, L. G. (2019). **The role of cultural norms in shaping attitudes towards amphibians in Cape Town, South Africa.** *BioRxiv*, Online.

<https://www.biorxiv.org/content/biorxiv/early/2019/06/24/681403.full.pdf>

Bruschi, D. P. Sousa, D. Y. Soares, A. de Carvalho, K. A. Busin, C. S. Ficanha, N. C. Lima, A. P. Andrade, G. V. Recco-Pimentel, S. M. (2019). **Comparative cytogenetics of nine populations of the *Rhinellagenus* (Anura, Bufonidae) with a highlight on their conservative karyotype.** *Genetics and Molecular Biology*, Online Ahead of Print.

<http://www.scielo.br/pdf/gmb/2019nahead/1415-4757-GMB-1678-4685-GMB-2018-0139.pdf>

Buono, V. Bissattini, A. M. Vignoli, L. (2019). **Can a cow save a newt? The role of cattle drinking troughs in amphibian conservation.** *Aquatic Conservation*, 29(6), pp.964-975.

<https://onlinelibrary.wiley.com/doi/abs/10.1002/aqc.3126>

Busam, M. (2019). **Altitudinal variation in body size in *Bufo minshanicus* supports Bergmann's rule.** *Evolutionary Ecology*, 33(3), pp.449-460.

<https://link.springer.com/article/10.1007/s10682-019-09984-1>

Campbell, L. J. Garner, T. W. J. Hopkins, K. Griffiths, A. G. F. Harrison, X. A. (2019). **Outbreaks of an Emerging Viral Disease Covary With Differences in the Composition of the Skin Microbiome of a Wild United Kingdom Amphibian.** *Frontiers in Microbiology*, 10, Article 1245.

https://www.researchgate.net/profile/Lewis_Campbell2/publication/333931197_Outbreaks_of_an_Emerging_Viral_Disease_Covary_With_Differences_in_the_Composition_of_the_Skin_Microbiome_of_a_Wild_United_Kingdom_Amphibian/links/5d0d0c5d92851cf44040cc66/Outbreaks-of-an-Emerging-Viral-Disease-Covary-With-Differences-in-the-Composition-of-the-Skin-Microbiome-of-a-Wild-United-Kingdom-Amphibian.pdf

Carvalho I, D. S. Agnolin, F. Rolando, M. A. A. Novas, F. E. Xavier-Neto, J. de Freitas, F. I. de Andra, J. A. F. G. (2019). **A new genus of pipimorph frog (anura) from the early Cretaceous Crato formation (aptian) and the evolution of South American tongueless frogs.** *Journal of South American Earth Sciences*, 92, pp. 222-233.

<https://www.sciencedirect.com/science/article/pii/S0895981118305285>

Carvalho, T. R. Cassini, C. S. Taucce, P. P. G. Haddad, C. F. B. (2019) **A New, Morphologically Cryptic Species of *Adenomera* Closely Related to *Adenomera araucaria* from the Atlantic Forest of Southern Brazil (Anura, Leptodactylidae).** *Journal of Herpetology*, 53(2), pp. 131-143.

<https://bioone.org/journals/Journal-of-Herpetology/volume-53/issue-2/18-172/A-New-Morphologically-Cryptic-Species-of-iAdenomera-i-Closely-Related/10.1670/18-172.short>

Carvalho, T. R. Haddad, C. F. B. Gridi-Papp, M (2019). **Tonal calls as a bioacoustic novelty in two Atlantic Forest species of *Physalaemus* (Anura: Leptodactylidae).** *Acta Herpetologica* 14(1), pp.21-26.

<http://www.fupress.net/index.php/ah/article/view/23871>

Chen, C. Chen, C. Wang, Y. (2019). **Ecological correlates of extinction risk in Chinese amphibians.** *Diversity & Distributions*, Online.

<https://onlinelibrary.wiley.com/doi/pdf/10.1111/ddi.12961>

Chen, M. von Gersdorff, H. (2019). **How to build a fast and highly sensitive sound detector that remains robust to temperature shifts.** *BioRxiv*, doi: <https://doi.org/10.1101/673186>

<https://www.biorxiv.org/content/10.1101/673186v1.abstract>

Chinchar, V. G. Duffus, A. L. J. (2019). **Molecular and Ecological Studies of a Virus Family (Iridoviridae) Infecting Invertebrates and Ectothermic Vertebrates.** *Viruses*, 11(6), 538.

<https://www.mdpi.com/1999-4915/11/6/538/htm>

Cianciarullo, A. M. Bonini-Domingos, C. R. Vizotto, L. D. Kobashi, L. S. Beçak, M.-L. Beçak, W. (2019). **Whole-genome duplication and hemoglobin differentiation traits between allopatric populations of Brazilian *Odontophrynus americanus* species complex (Amphibia, Anura).** *Genetics and Molecular Biology*, Online Ahead of Print.

<http://www.scielo.br/pdf/gmb/2019nahead/1415-4757-GMB-1678-4685-GMB-2017-0260.pdf>

Collings, A. J. Richards, C. T. (2019). **Digital dissection of the pelvis and hindlimb of the red-legged running frog, *Phlyctimantis maculatus*, using Diffusible Iodine Contrast Enhanced computed microtomography (DICE μ CT).** *PeerJ*, 7, Online, e7003.

<https://peerj.com/articles/7003.pdf>

Courant, J. Secondi, J. Guillemet, L. Vollette, E. Herrel, A. (2019). **Rapid changes in dispersal on a small spatial scale at the range edge of an expanding population.** *Evolutionary Ecology*, Online, pp. 1–14.

<https://link.springer.com/article/10.1007/s10682-019-09996-x>

da Silva, I. B. dos Santos, T. F. Frazão, L. Marques-Souza, S. da Silva, L. A. Menin, M. (2019). **The diet of *Chiasmocleis hudsoni* and *C. shudikarensis* (Anura, Microhylidae) of terra firme forests in the Brazilian Amazonia.** *Herpetology Notes*, 12, pp. 655–659.

<https://www.biotaxa.org/hn/article/viewFile/48372/47921>

Daam, M. A. Moutinho, M. F. Espíndola, E. L. G. Schiesari, L. (2019). **Lethal toxicity of the herbicides acetochlor, ametryn, glyphosate and metribuzin to tropical frog larvae.** *Ecotoxicology*, Online, pp 1–9.

<https://link.springer.com/article/10.1007/s10646-019-02067-5>

Das, A. Garg, S. Hamidy, A. Smith, E. N. Biju, S. D. (2019). **A new species of *Micryletta* frog (Microhylidae) from Northeast India.** *PeerJ*, 7, p.e7012.

<https://peerj.com/articles/7012/>

Debat, H. J. Ng, T. F. F. (2019). **Complete genome sequence of a divergent strain of Tibetan frog hepatitis B virus associated with a concave-eared torrent frog (*Odorrana tormota*)**. *Archives of Virology*, 164(6), pp.1727–1732.

<https://link.springer.com/article/10.1007/s00705-019-04227-8>

Del Valle, J. M. Eisthen, H. L. (2019). **Treatment of Chytridiomycosis in Laboratory Axolotls (*Ambystoma mexicanum*) and Rough-skinned Newts (*Taricha granulosa*)**. *Comparative Medicine*, 69(3), pp.204-211.

<https://www.ingentaconnect.com/contentone/aalas/cm/2019/00000069/00000003/art00005>

Denoël, M. Drapeau, L. Winandy, L. (2019). **Reproductive fitness consequences of progenesis: Sex-specific pay-offs in safe and risky environments**. *Journal of Evolutionary Biology*, 32(6), pp.629-637.

<https://onlinelibrary.wiley.com/doi/10.1111/jeb.13449>

Desjonquères, C. Gifford, T. Linke, S. (2019). **Passive acoustic monitoring as a potential tool to survey animal and ecosystem processes in freshwater environments**. *Freshwater Biology*, Early View.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/fwb.13356>

Diniz-Filho, J. A. F. Souza, K. S. Bini, L. M. Loyola, R. Dobrovolski, R. Rodrigues, J. F. M. Lima-Ribeiro, S. Terribile, L. C. Rangel, T. F. Bione, I. Freitas, R. Machado, I. F. Rocha, T. Lorini, M. L. Vale, M. M. Navas, C. A. Maciel, N. M. Villalobos, F. Olalla-Tarraga, M. A. Gouveia, S. (2019). **A macroecological approach to evolutionary rescue and adaptation to climate change**. *Ecography*, 42(6), p.1124(18).

<https://onlinelibrary.wiley.com/doi/10.1111/ecog.04264>

do Amaral, D. F. Guerra, V. Motta, A. G. C. e Silva, D. de M. Roch, T. L. (2019). **Ecotoxicity of nanomaterials in amphibians: A critical review**. *Science of The Total Environment*, Online.

<https://www.sciencedirect.com/science/article/pii/S0048969719325471?via%3Dihub>

Doody, K. A. Ohmer, M. E. B. Cramp, R. L. Franklin, C. E. (2019). **Do Frogs Infected with *Batrachochytrium dendrobatidis* Avoid Water While Sloughing?** *Herpetologica*, 75(2), pp.108-113.

<https://bioone.org/journals/Herpetologica/volume-75/issue-2/D-18-00014/Do-Frogs-Infected-with-Batrachochytrium-dendrobatidis-Avoid-Water-While-Sloughing/10.1655/D-18-00014.short>

Duffus, A. L. J. Garner, T. W. J. Nichols, R. A. Standridge, J. P. Earl, J. E. (2019). **Modelling Ranavirus Transmission in Populations of Common Frogs (*Rana temporaria*) in the United Kingdom.** *Viruses*, 11(6), 556, pp1-13.

<https://www.mdpi.com/1999-4915/11/6/556>

Eakin, C. Hunter, M. Calhoun, A. (2019). **The influence of land cover and within-pool characteristics on larval, froglet, and adult wood frogs along a rural to suburban gradient.** *Urban Ecosystems*, 22(3), pp.493-505.

<https://link.springer.com/article/10.1007/s11252-019-0830-x>

Endo, D. Kon, S. Sato, T. Toyama, F. Katsura, Y. Nakauchi, Y. Takayama-Watanabe, E. Watanabe, A. (2019). **NMDA-type glutamate receptors mediate the acrosome reaction and motility initiation in newt sperm.** *Molecular Reproduction & Development*, Early Online.

<https://onlinelibrary.wiley.com/doi/abs/10.1002/mrd.23225>

Erişmiş, U. C. Yoldaş, T. Uğuz, C. (2019). **Investigation of Prevalence of Co-Infection by *Batrachochytrium dendrobatidis* and Ranavirus in Endemic Beyşehir Frog (*Pelophylax caralitanus*).** *Acta Aquatica Turcica*, 15(2), pp.239-246.

<https://dergipark.org.tr/download/article-file/735533>

Estrada, A. Hughey, M. C. Medina, D. Rebollar, E. A. Walke, J. Harris, R. Belden, L. (2019). **Skin bacterial communities of neotropical treefrogs vary with local environmental conditions at the time of sampling.** PeerJ, Online, DOI:10.7717/peerj.7044

<https://peerj.com/articles/7044/>

Faccio, S. D. Buckman, K. L. Lloyd, J. D. Curtis, A. N. Taylor, V. F. (2019). **Bioaccumulation of methylmercury in wood frogs and spotted salamanders in Vermont vernal pools.** *Ecotoxicology*, Online, pp.1-15.

<https://link.springer.com/article/10.1007/s10646-019-02068-4>

Feldmeier, S. Lötters, S. Veith, M. (2019). **The importance of biological plausibility for data poor models in the face of an immediate threat by an emerging infectious disease: a reply to Katz and Zellmer (2018).** *Biological Invasions*, Online.

<https://link.springer.com/article/10.1007/s10530-019-02035-4>

Ferreira, R. B. Mônico, A. T. da Silva, E. T. Lirio, F. C. F. Zocca, C. Mageski, M. M. Tonini, J. F. R. Beard, K. H. Duca, C. Silva-Soares, T. (2019). **Amphibians of Santa Teresa, Brazil: the hotspot further evaluated.** *Zookeys*, 857, pp.139–162.

https://www.researchgate.net/publication/334002280_Amphibians_of_Santa_Teresa_Brazil_the_hotspot_further_evaluated

Figueroa-Sánchez, M. A. Nandini, S. Castellanos-Páez, M. Sarma, S. (2019). **Effect of temperature, food quality and quantity on the feeding behavior of *Simocephalus mixtus* and *Hyaella azteca*: implications for biomanipulation.** *Wetlands Ecology and Management*, 27(2-3), pp.353-361.

https://www.researchgate.net/publication/332716312_Effect_of_temperature_food_quality_and_quantity_on_the_feeding_behavior_of_Simocephalus_mixtus_and_Hyaella_azteca_implications_for_biomanipulation

Filho, P. L. Oda, F. H. Mise, F. T. Rodrigues, D. de J. Uetanabaro, M. (2019). **Diet composition of *Ameerega picta* (Tschudi, 1838) from the Serra da Bodoquena region in central Brazil, with a summary of dietary studies on species of the genus *Ameerega* (Anura: Dendrobatidae).** *Bonn Zoological Bulletin* 68(1), pp.93–96.

https://www.researchgate.net/profile/Fabricio_Oda/publication/333759945_63_Landgref-Filho_et_al_2019_DIET_COMPOSITION_OF_Ameerega_picta/links/5d02cbf592851c874c64f447/63-Landgref-Filho-et-al-2019-DIET-COMPOSITION-OF-Ameerega-picta.pdf

Forsburg, Z. R. Goff, C. B. Perkins, H. R. Robicheaux, J. H. Almond, G. F. Gabor, C. R. (2019). **Validation of water-borne cortisol and corticosterone in tadpoles: Recovery rate from an acute stressor, repeatability, and evaluating rearing methods.** *General and Comparative Endocrinology*, In Press.

<https://www.sciencedirect.com/science/article/pii/S0016648018306968>

Forzán, M. J. Bienentreu, J. Schock, D. M. Lesbarrères, D. (2019). **Multi-tool diagnosis of an outbreak of ranaviriosis in amphibian tadpoles in the Canadian boreal forest.** *Diseases of Aquatic Organisms*, 135, pp.33-41.

<https://www.int-res.com/abstracts/dao/v135/n1/p33-41/>

Fu, M. Waldman, B. (2019). **Ancestral chytrid pathogen remains hypervirulent following its long coevolution with amphibian hosts.** *Royal Society Publishing*, 286 (1904).

<https://royalsocietypublishing.org/doi/pdf/10.1098/rspb.2019.0833>

Gallagher, S. J. Tornabene, B. J. DeBlieux, T. S. Pochini, K. M. Chislock, M. F. Compton, Z. A. Eiler, L. K. Verble, K. M. Hoverma, J. T. (2019). **Healthy but smaller herds: Predators reduce pathogen transmission in an amphibian assemblage.** *Journal of Animal Ecology*, Accepted Article.

<https://besjournals.onlinelibrary.wiley.com/doi/abs/10.1111/1365-2656.13042?fbclid=IwAR1uxr6sNF3ljXpw1rADahDOUAr-P10oWsdJSidL8hNhLGC7zPtysUymbTs>

Goldberg, S. R. Bursey, C. R. Grisme, L. L. (2019). **Endoparasites in two species of ranid frogs from Peninsular Malaysia, *Odorrana hosii* (Boulenger, 1891) and *O. monjerai* (Matsui and Jaafar, 2006), with comments on modes of infection.** *Herpetozoa* 32, pp.137–138.

<https://herpetozoa.pensoft.net/article/35651/>

Gonçalves, M. W. de Campos, C. B. M. Godoy, F. R. Gambale, P. G. Nunes, H. F. Nomura, F. Bastos, R. P. da Cruz, A. D. e Silva, D. de M. (2019). **Assessing Genotoxicity and Mutagenicity of Three Common Amphibian Species Inhabiting Agroecosystem Environment.** *Archives of Environmental Contamination and Toxicology*, Online, DOI: 10.1007/s00244-019-00647-4.

https://www.researchgate.net/publication/333990829_Assessing_Genotoxicity_and_Mutagenicity_of_Three_Common_Amphibian_Species_Inhabiting_Agroecosystem_Environment

González, C. E. Schaefer, E. F. dos Santos, A. N. Melo, F. T. V. (2019). **Intraocular nematode and other parasites associated with *Physalaemus albonotatus* (Anura: Leptodactylidae) from Corrientes, Argentina.** *Phyllomedusa* 18(1), pp.109–113.

<https://www.revistas.usp.br/phylo/article/view/159085/154007>

Gould, J. Valdez, J. W. Clulow, S. Clulow, J. (2019). **Diving beetle offspring oviposited in amphibian spawn prey on the tadpoles upon hatching.** *BioRxiv*, Online.

<https://www.biorxiv.org/content/biorxiv/early/2019/06/10/666008.full.pdf>

Gredar, T. Leonardi, A. Novak, M. Sepčić, K. Mali, L. B. Križaj, I. Kostanjšek, R. (2019). **Vitellogenin in the European cave salamander, *Proteus anguinus*: Its characterization and dynamics in a captive female as a basis for non-destructive sex identification.** *Comparative biochemistry and physiology. Part B, Biochemistry & molecular biology*, 235, pp.30-37

https://www.researchgate.net/publication/333596698_Vitellogenin_in_the_European_cave_salamander_Proteus_anguinus_Its_characterization_and_dynamics_in_a_captive_female_as_a_basis_for_non-destructive_sex_identification

Greenspan, S. E. Lyra, M. L. Migliorini, G. H. Kersch-Becker, M. F. Bletz, M. C. Lisboa, C. S. Pontes, M. R. Ribeiro, L. P. Neely, W. J. Rezende, F. Romero, G. Q. Woodhams, D. C. Haddad, C. F. B. Toledo, L. F.

Becker, C. G. (2019). **Arthropod–bacteria interactions influence assembly of aquatic host microbiome and pathogen defense.** *Proceedings of the Royal Society*, 286(1905), Online.

<https://royalsocietypublishing.org/doi/pdf/10.1098/rspb.2019.0924>

Grosso, J. Baldo, D. Cardozo, D. Kolenc, F. Borteiro, C. de Oliveira, M. I. R. Bonino, M. F. Barrasso, D. A. Candioti, F. V. (2019). **Early ontogeny and sequence heterochronies in Leiuperinae frogs (Anura: Leptodactylidae).** *PLoS ONE* 14(6), e0218733.

https://www.researchgate.net/publication/334081559_Early_ontogeny_and_sequence_heterochronies_in_Leiuperinae_frogs_Anura_Leptodactylidae

Hao, M. W. Yi, G. Ping, O. Fang, C. D. Li, H. X. Yu, W. K. Xuan, Z. R. Huan, B. M. (2019). **Isolation, identification and phylogenetic analysis of a ranavirus isolated from *Rana nigromaculata*.** *Journal of South China Agricultural University*, 40(2), pp.40-46.

<https://www.cabdirect.org/cabdirect/abstract/20193213014>

Haramura, T. Ikegami, T. Wong, M. K. S. Takei, Y. (2019). **Preparatory Mechanisms for Salinity Tolerance in Two Congeneric Anuran Species Inhabiting Distinct Osmotic Habitats.** *Zoological Science*, 36(3), pp.215-222.

https://www.researchgate.net/publication/333751607_Preparatory_Mechanisms_for_Salinity_Tolerance_in_Two_Congeneric_Anuran_Species_Inhabiting_Distinct_Osmotic_Habitats

Hawkins, L. J. Wang, M. Zhang, B. Xiao, Q. Wang, H. Storey, K. B. (2019). **Glucose and urea metabolic enzymes are differentially phosphorylated during freezing, anoxia, and dehydration exposures in a freeze tolerant frog.** *Comparative Biochemistry and Physiology - Part D: Genomics and Proteomics*, 30, pp.1-13.

<https://www.sciencedirect.com/science/article/pii/S1744117X18301874>

Hayashi, T. Nakajima, M. Kyakuno, M. Doi, K. Manabe, I. Azuma, S. Takeuchi, T. (2019). **Advanced microinjection protocol for gene manipulation using the model newt *Pleurodeles waltl*.** *International Journal of Developmental Biology*, 63, pp.281 – 286.

<http://www.ijdb.ehu.es/web/paper/180297th>

Hettyey, A. Ujszegi, J. Herczeg, D. Holly, D. Vörös, J. Schmidt, B. R. Bosch, J. (2019). **Taking advantage of the thermal optimum mismatch between a pathogen and its endangered hosts: the potential of localized heating in reducing prevalence and intensity of *Batrachochytrium dendrobatidis* infection in natural populations.** *Frontiers of Ecology and Evolution*, Preview Online.

<https://www.frontiersin.org/articles/10.3389/fevo.2019.00254/abstract>

Hill, S. Beard, K. Siers, S. Shiels, A. (2019). **Invasive coqui frogs are associated with differences in mongoose and rat abundances and diets in Hawaii.** *Biological Invasions*, 21(6), pp.2177-2190.

<https://link.springer.com/article/10.1007/s10530-019-01965-3>

Huang, C. H. Zhong, M. J. Liao, W. B. Kotrschal, A. (2019). **Investigating the role of body size, ecology, and behavior in anuran eye size evolution.** *Evolutionary Ecology*, Online, pp.1–14.

<https://link.springer.com/article/10.1007/s10682-019-09993-0>

Hudson, M. A. Griffiths, R. A. Martin, L. Fenton, C. Adams, S.-L. Blackman, A. Sulton, M. Perkins, M. W. Lopez, J. Garcia, G. Tapley, B. Young, R. P. Cunningham, A. A. (2019). **Reservoir frogs: seasonality of *Batrachochytrium dendrobatidis* infection in robber frogs in Dominica and Montserrat.** *PeerJ*, 7, p.e7021.

<https://peerj.com/articles/7021/>

Ilić, M. Jojić, V. Stamenković, Marković, V. Simić, V. Paunović, M. Crnobrnja-Isailović, J. (2019). **Geometric vs. traditional morphometric methods for exploring morphological variation of tadpoles at early developmental stages.** *Amphibia-Reptilia*, Online, DOI:10.1163/15685381-00001193

<https://brill.com/view/journals/amre/aop/article-10.1163-15685381-00001193.xml>

Islam, S. Rahman, M. Rahman, M. (2019). **Preliminary investigation of antimicrobial activity of the skin secretions of frogs from Bangladesh.** *Amphibia-Reptilia*, Online.

<https://brill.com/view/journals/amre/aop/article-10.1163-15685381-20191174.xml>

Jara, F. G. (2019). **The impact of phenology on the interaction between a predaceous aquatic insect and larval amphibians in seasonal ponds.** *Hydrobiologia*, 835(1), pp.49-61.

<https://link.springer.com/article/10.1007/s10750-019-3928-5>

Johnson, J. A. Ihunwo, A. Chimuka, L. Mbajorgu, F. (2019). **Cardiotoxicity in African clawed frog (*Xenopus laevis*) sub-chronically exposed to environmentally relevant atrazine concentrations: Implications for species survival.** *Aquatic Toxicology*, Online.

<https://www.sciencedirect.com/science/article/pii/S0166445X18308099>

Kekebeen, A. Wills, A. (2019). **Advancing genetic and genomic technologies deepen the pool for discovery in *Xenopus tropicalis*.** *Developmental Dynamics*, Accepted Article.

<https://onlinelibrary.wiley.com/doi/pdf/10.1002/dvdy.80>

Ke, F. Wang, Z.-H. Ming, C.-Y. Zhang, Q.-A. (2019). **Ranaviruses Bind Cells from Different Species through Interaction with Heparan Sulfate.** *Viruses*, 11(7), 593.

<https://www.mdpi.com/1999-4915/11/7/593>

Kelehear, C. Saltonstall, K. Torchin, M. E. (2019). **Negative effects of parasitic lung nematodes on the fitness of a Neotropical toad (*Rhinella horribilis*).** *Parasitology*, 146(7), pp.928-936.

<https://www.cambridge.org/core/journals/parasitology/article/negative-effects-of-parasitic-lung-nematodes-on-the-fitness-of-a-neotropical-toad-rhinella-horribilis/ED264F08BF10CCBB609D4029C9DEE944>

Kelleher, S. R. Silla, A. J. Niemelä, P. T. Dingemanse, N. J. Byrne, P. G. (2019). **Dietary carotenoids affect the development of individual differences and behavioral plasticity.** *Behavioral Ecology*, arz074, Online.

<https://academic.oup.com/beheco/advance-article-abstract/doi/10.1093/beheco/arz074/5511303>

Khosnamvand, H. Malekian, M. Keivany, Y. Zamani-Faradonbe, M. Amiri, M. (2019). **Descriptive osteology of an imperiled amphibian, the Luristan newt (*Neurergus kaiseri*, Amphibia: Salamandridae).** *Acta Biologica* 14(1), PP.51-56.

<http://www.fupress.net/index.php/ah/article/view/22817>

Kidov, A. A. Nemyko, E. A. (2019). **Reproductive characteristics of the Caucasian smooth newt, *Lissotriton lantzi* (Wolterstorff, 1914) from Abrau Peninsula (Northwest Caucasus, Russia).** *Proceedings of the Zoological Institute RAS*, 323(2), pp.120–126.

<https://doi.org/10.31610/trudyzin/2019.323.2.120>

Kikuyama, S. Okada, R. Hasunuma, I. Nakada, T. (2019). **Some aspects of the hypothalamic and pituitary development, metamorphosis, and reproductive behavior as studied in amphibians.** *General and Comparative Endocrinology*, 277, In Press.

<https://www.sciencedirect.com/science/article/pii/S0016648018306609>

Kim, E. Cahyana, A. N. Jang, Y. Borzée, A. (2019). **Breeding range variation between Korean hylids (*Dryophytes* sp.).** *Journal of Asia-Pacific Biodiversity*, 12(2), pp.135-138.

<https://www.sciencedirect.com/science/article/pii/S2287884X18303856>

Kosch, T. A. Silva, C. N. S. Brannelly, L. A. Roberts, A. A. Lau, Q. Marantelli, G. Berger, L. Skerratt, L. F. (2019). **Genetic potential for disease resistance in critically endangered amphibians decimated by chytridiomycosis.** *Animal Conservation*, 22(3), pp.238-250

<https://www.biorxiv.org/content/10.1101/247999v1>

Kruger, A. (2019). **Functional Redundancy of Batrachochytrium dendrobatidis Inhibition in Bacterial Communities Isolated from Lithobates clamitans Skin.** *Microbial Ecology*, Online, pp.1–10.

<https://link.springer.com/article/10.1007/s00248-019-01387-7>

Langowski, J. K. I. Singla, S. Nyarko, A. Schipper, H. van den Berg, F. T. Kaur, S. Astley, H. Gussekloo, S. W. S. Dhinojwala, A. van Leeuwen, J. L. (2019). **Comparative and functional analysis of the digital mucus glands and secretions of tree frogs.** *Frontiers in Zoology*, 16(19), pp. 1-16.

<https://frontiersinzoology.biomedcentral.com/track/pdf/10.1186/s12983-019-0315-z>

Li, B. Lyu, P. Xie, S. Qin, H. Pu, W. Xu, H. Chen, T. Shaw, C. Ge, L. Kwok, H. F. (2019). **LFB: A Novel Antimicrobial Brevinin-Like Peptide from the Skin Secretion of the Fujian Large Headed Frog, Limnonectes fujianensi.** *Biomolecules*, 9(6), p.242.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6627297/>

Lion, M. B. Mazzochini, G. G. Garda, A. A. Lee, T. M. Bickford, D. Costa, G. C. Fonseca, C. R. Algar, A. (2019). **Global patterns of terrestriality in amphibian reproduction** (Book review). *Global Ecology and Biogeography*, 28(6), pp.744-756.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/geb.12886>

Liu, Y. Day, L. B. Summers, K. Burmeister, S. S. (2019). **A cognitive map in a poison frog.** *Journal of Experimental Biology* 222: jeb197467.

<https://jeb.biologists.org/content/222/11/jeb197467.abstract>

Maceda-Veiga, A. Mac Nally, R. de Sostoa, A. (2019). **Congruence in riverine conditions and associations between native fish and several species of amphibians in a region prone to fish invasions.** (Primary Research Paper). *Hydrobiologia*, 836(1), p.109(14).

<https://link.springer.com/article/10.1007/s10750-019-3945-4>

Magnus, R. Rannap, R. (2019). **Pond construction for threatened amphibians is an important conservation tool, even in landscapes with extant natural water bodies.** *Wetlands Ecology and Management*, 27(2-3), pp.323-341.

<https://link.springer.com/article/10.1007/s11273-019-09662-7>

Marsh, D. M. Cosentino, B. J. (2019). **Causes and consequences of non-random drop-outs for citizen science projects: lessons from the North American amphibian monitoring program** (Book review). *Freshwater Science*, 38(2), pp.292-302.

<https://www.journals.uchicago.edu/doi/abs/10.1086/701672>

Marshall, T. L. Baca, C. R. Correa, D. T. Forstner, M. R. J. Hahn, D. Rodriguez, D. (2019). **Genetic characterization of chytrids isolated from larval amphibians collected in central and east Texas**. *Fungal Ecology*, 39, pp.55-62.

<https://www.biorxiv.org/content/early/2018/10/24/451385>

Marushchak, O. Nekrasova, O. Pupins, M. Tytar, V. Ceirans, A. (2019). **The Role and Importance of the Protected Areas' (Emerald Network) Development for Amphibians and Reptiles on the Example of Ukraine in the Context of Various Factors' Influence**. *Environment. Technology. Resources. Rezekne, Latvia, Proceedings of the 12th International Scientific and Practical Conference*, 1, pp.154-158

<http://journals.rta.lv/index.php/ETR/article/view/4100/4088>

Matich, P. Schalk, C. M. (2019). **Move it or lose it: interspecific variation in risk response of pond-breeding anurans**. *PeerJ*, 7, p.e6956

<https://peerj.com/articles/6956/>

Matos, C. Petrovan, S. O. Wheeler, P. M. Ward, A. I. (2019). **Short-term movements and behaviour govern the use of road mitigation measures by a protected amphibian**. *Animal Conservation*, 22(3), pp.285-296.

https://www.researchgate.net/publication/329758825_Short-term_movements_and_behaviour_govern_the_use_of_road_mitigation_measures_by_a_protected_amphibian

McCann, S. Crossland, M. Greenlees, M. Shine, R. (2019). **Invader control: factors influencing the attraction of cane toad (*Rhinella marina*) larvae to adult parotoid exudate**. *Biological Invasions*, 21(6), pp.1895–1904.

<https://link.springer.com/article/10.1007/s10530-019-01969-z>

Mcclelland, B. E. Ryan, M. J. Wilczynski, W. (2019). **Does sexual dimorphism vary by population? Laryngeal and ear anatomy in cricket frogs**. *Current Zoology*, 65(3), pp.343-352.

<https://academic.oup.com/cz/article/65/3/343/5165570>

Miaud, C. Arnal, V. Poulain, M. Valentini, A. Dejean, T. (2019). **eDNA Increases the Detectability of Ranavirus Infection in an Alpine Amphibian Population.** *Viruses*, 11(6), 526.

<https://www.mdpi.com/1999-4915/11/6/526>

Moen, D. S. (2019). **What determines the distinct morphology of species with a particular ecology? The roles of many-to-one mapping and trade-offs in the evolution of frog ecomorphology and performance.** *The American Naturalist*, Online.

<https://www.journals.uchicago.edu/doi/pdfplus/10.1086/704736>

Mogali, S. Shanbhag, B. Saidapur, S. (2019). **Experience of predacious cues and accessibility to refuge minimize mortality of Hylarana temporalis tadpoles.** *Acta Herpetologica*, 14(1), pp.15-19.

<http://www.fupress.net/index.php/ah/issue/viewFile/1564/302#page=17>

Moldowan, P. D. Smith, M. A. Baldwin, T. Bartley, T. Rollinson, N. Wynen, Y. (2019). **Nature's pitfall trap: Salamanders as rich prey for carnivorous plants in a nutrient-poor northern bog ecosystem.** *Ecology*, Early View, Online pp.1-13.

https://esajournals.onlinelibrary.wiley.com/doi/epdf/10.1002/ecy.2770?referrer_access_token=HGJ_ZbCwUEGnQcbOtWs1304keas67K9QMdWULTWMo8ObO69YjcO6uc1GcGEoyyH5h3cx7OqUyMojSAO4qIMluvQE-bWc1xdExbpzv0GHTXl3v_G14vhs6IIZHAKQVfGWtUtW98FcNZshQwFV3Ft8yQ%3D%3D

Moreira, R. A. Freitas, J. S. Pinto, T. J. de S. Schiesari, L. Daam, M. A. Montagner, C. C. Goulart, B. V. Espindola, E. L. G. (2019). **Mortality, Spatial Avoidance and Swimming Behavior of Bullfrog Tadpoles (*Lithobates catesbeianus*) Exposed to the Herbicide Diuron.** *Water, Air and Soil Pollution; Dordrecht* 230(6), pp.1-12.

<https://link.springer.com/article/10.1007/s11270-019-4168-z>

Mueller, C. A. Bucsky, J. Korito, L. Manzanares, S. (2019). **Immediate and persistent effects of temperature on oxygen consumption and thermal tolerance in embryos and larvae of the Baja California chorus frog, *Pseudacris hypochondriaca*.** *Frontiers in Physiology*, Online.

<https://www.frontiersin.org/articles/10.3389/fphys.2019.00754/abstract>

Nakajima, K. Tazawa, I. Shi, Y.-B. (2019). **A unique role of thyroid hormone receptor β in regulating notochord resorption during *Xenopus* metamorphosis.** *General and Comparative Endocrinology*, 277, pp.66-72.

<https://www.sciencedirect.com/science/article/pii/S0016648019300425>

Nakamigawa, M. Kondo, T. Maéno, M. (2019). **Specific activation of the hb4 gene in the Xenopus oocyte through a Nobox-binding element located at the proximal promoter sequence.** *Zygote*, Online.

<https://www.cambridge.org/core/journals/zygote/article/specific-activation-of-the-hb4-gene-in-the-xenopus-oocyte-through-a-noboxbinding-element-located-at-the-proximal-promoter-sequence/01A7ED1134ABF46EFF05999787E14BF1>

Nilawati, T. S. Hernawati, H. Taufik, R. A. (2019). **Habitat and population characteristics of the endemic Java Tree Frog (*Rhacophorus margaritifer*) in Ranca Upas, West Java, Indonesia.** *Biodiversitas*, 20(6), pp.1644-1649.

<https://smujo.id/biodiv/article/view/3913/3242>

Ogrzewalska, M. Bermúdez, S. (2019). **Detección molecular de *Rickettsia bellii* en *Amblyomma rotundatum* Koch 1884 (Ixodida: Ixodidae) Recolectada de *Rhinella marina* L., 1758 (Anura: Bufonidae) en Panamá.** *Tecnociencia*, 21(1), pp.49-56.

https://www.researchgate.net/publication/332980212_DETECCION_MOLECULAR_DE_Rickettsia_bellii_EN_Amblyomma_rotundatum_Koch_1884_IXODIDA_IXODIDAE_RECOLECTADA_DE_Rhinella_marina_L_1758_ANURA_BUFONIDAE_EN_PANAMA

Osborne, M. J. Cordova, S. J. Cameron, A. C. Turner, T. F. (2019). **Isolation by elevation: mitochondrial divergence among sky island populations of Sacramento Mountain salamander (*Aneides hardii*).** *Conservation Genetics*, 20(3), pp.545–556.

<https://link.springer.com/article/10.1007/s10592-019-01155-7>

Palomar, G. Vasemägi, A. Ahmad, F. Nieceza, A. G. Cano, J. M. (2019). **Mapping of quantitative trait loci for life history traits segregating within common frog populations.** *Heredity*, 122, pp800–808.

<https://www.nature.com/articles/s41437-018-0175-x>

Pathirana, N. U. K. Meegaskumbura, M. Rajakaruna, R. S. (2019). **Infection sequence alters disease severity—Effects of the sequential exposure of two larval trematodes to Polypedates cruciger tadpoles.** *Ecology and Evolution*, 9(11), pp.6220-6230.

<https://onlinelibrary.wiley.com/doi/full/10.1002/ece3.5180>

Platt, S. G. Bickford, D. P. Win, M. M. Rainwater, T. R. (2019). **Water-filled Asian elephant tracks serve as breeding sites for anurans in Myanmar.** *Mammalia*, 83(3): 287–289. Short Note.

<https://www.degruyter.com/view/j/mamm.2019.83.issue-3/mammalia-2017-0174/mammalia-2017-0174.xml>

Poyarkov, Jr. N. A. Gorin, V. A. Zaw, T. Kretova, V. D. Gogoleva, S. S. Pawangkhanant, P. Che, J. (2019). **On the road to Mandalay: contribution to the Microhyla Tschudi, 1838 (Amphibia:Anura: Microhylidae) fauna of Myanmar with description of two new species.** *Zoological Research*, Online.

https://www.researchgate.net/publication/333817819_On_the_road_to_Mandalay_contribution_to_the_Microhyla_Tschudi_1838_Amphibia_Anura_Microhylidae_fauna_of_Myanmar_with_description_of_two_new_species

Pujol-Buxó, E. Garcia-Cisneros, A. Miaud, C. Llorente, G. A. (2019). **Genetic relationships and diversity patterns within the invasive range of the Mediterranean Painted Frog.** *Journal of Zoology*, Early View.

<https://zslpublications.onlinelibrary.wiley.com/doi/pdf/10.1111/jzo.12703>

Rackovic, J. K. Kolarov, N. T. Labus, N. Vukov, T. **Interspecific size- and sex-related variation in the cranium of European brown frogs (Genus Rana).** *Zoomorphology*, 138(2), pp.277-286.

<https://link.springer.com/article/10.1007/s00435-019-00441-9>

Ramamonjisoa, N. Mori, A. (2019). **Temporal variation in behavioral responses to dietary cues from a gape-limited predator in tadpole prey: A test of the phylogenetic relatedness hypothesis.** *Ethology*, Early View.

<https://onlinelibrary.wiley.com/doi/pdf/10.1111/eth.12914>

Ramamonjisoa, N. Nakanishi, K. Natuhara, Y. (2019). **The efficacy of a generalized antipredator defense against a novel predator depends on the source of induction in prey.** *Hydrobiologia*, 836(1), pp. 197–205.

<https://link.springer.com/article/10.1007/s10750-019-3951-6>

Robert, J. Mcguire, C. C. Nagel, S. Lawrence, B. P. Andino, F. De J. (2019). **Developmental exposure to chemicals associated with unconventional oil and gas extraction alters immune homeostasis and viral immunity of the amphibian Xenopus.** *The Science of the total environment*, 671, pp.644-654.

<https://www.sciencedirect.com/science/article/pii/S0048969719313944>

Robinson, S. A. Richardson, S. D. Dalton, R. L. Maisonneuve, F. Bartlett, A. J. de Solla, S. R. Trudeau, V. Waltho, N. (2019). **Assessment of sub-lethal effects of neonicotinoid insecticides on the life-history traits of two frog species.** *Environmental Toxicology and Chemistry*, Accepted Article.

<https://setac.onlinelibrary.wiley.com/doi/abs/10.1002/etc.4511>

Rogic, A. Tessier, N. Lapointe, F.-J. (2019). **Genetic Characterization of Imperiled Boreal Chorus Frogs Identifies Populations for Conservation.** *Journal of Herpetology*, 53(2), pp.89-95.

<https://bioone.org/journals/Journal-of-Herpetology/volume-53/issue-2/17-126/Genetic-Characterization-of-Imperiled-Boreal-Chorus-Frogs-Identifies-Populations-for/10.1670/17-126.short>

Rolando, A. M. A. Agnolin, F. L. Corsolini, J. (2019). **A new pipoid frog (Anura, Pipimorpha) from the Paleogene of Patagonia. Paleobiogeographical implications.** *Comptes Rendus Palevol*, In Press.

<https://www.sciencedirect.com/science/article/pii/S1631068319300880>

Rosado, L. Assis, C. L. Dias, M. A. P. C. Guedes, J. J. M. Feio, R. N. (2019). **New records of Dendropsophus pseudomeridianus (Cruz, Caramaschi & Dias 2000) (Anura: Hylidae) from Southeastern Brazil.** *Herpetology Notes*, 12, pp.637-641.

https://www.researchgate.net/publication/333964606_New_records_of_Dendropsophus_pseudomeridianus_Cruz_Caramaschi_Dias_2000_Anura_Hylidae_from_Southeastern_Brazil

Salinas, Z. A. Babini, M. S. Grenat, P. R. Biolé, F. G. Martino, A. L. Salas, N. E. (2019). **Effect of parasitism of Lernaea cyprinacea on tadpoles of the invasive species Lithobates catesbeianus.** *Heliyon*, 5(6), e01834

<https://www.ncbi.nlm.nih.gov/pubmed/31294092>

Santos, A. J. S. Costa, C. A. Sena, F. P. Araújo, K. C. Andrade, E. B. (2019). **New record and geographic distribution of Proceratophrys caramaschii Cruz, Nunes, and Juncá, 2012 in the state of Piauí, northeastern Brazil (Anura: Odontophrynidae).** *Herpetology Notes*, 12, pp.675-679.

<https://www.biotaxa.org/hn/article/viewFile/41297/48008>

Santos, L. O. Costa, R. N. Solé, M. Orrioc, V. G. D. (2019). **The tadpole of Phyllodytes praeceptor (Anura: Hylidae).** *Zootaxa*, 4623(2), pp.381–386.

https://www.researchgate.net/profile/Mirco_Sole/publication/334000931_The_tadpole_of_Phyllodytes_praeceptor_Anura_Hylidae/links/5d128979a6fdcc2462a62fd6/The-tadpole-of-Phyllodytes-praeceptor-Anura-Hylidae.pdf

Scherz, M. D. Köhler, J. Vences, M. Glaw, F. (2019). **A new yellow-toed *Platypelis* species (Anura, Microhylidae, Cophylinae) from the Maroantsetra region, northeastern Madagascar.** *Evolutionary Systematics*, 3, pp.75–83.

https://www.researchgate.net/publication/334050488_A_new_yellow-toed_Platypelis_species_Anura_Microhylidae_Cophylinae_from_the_Maroantsetra_region_northeastern_Madagascar

Schweizer, M. Miksch, L. Köhler, H.-R. Triebkorn, R. (2019). **Does Bti (*Bacillus thuringiensis* var. israelensis) affect *Rana temporaria* tadpoles?** *Ecotoxicology and environmental safety*, 181, pp.121-129.

<https://www.sciencedirect.com/science/article/pii/S0147651319306219>

Segev, O. Pezaro, N. Rovelli, V. Rybak, O. Templeton, A. R. Blaustein, L. (2019). **Phenotypic plasticity and local adaptations to dissolved oxygen in larvae fire salamander (*Salamandra infraimmaculata*).** *Oecologia*, Online, pp.1–10.

<https://link.springer.com/article/10.1007/s00442-019-04446-5>

Sena, M. Solé, M. (2019). **Predation on *Dendropsophus haddadi* (Anura, Hylidae) by the orb-web spider *Parawixia kochi* (Araneae, Araneidae) in a cacao plantation in southern Bahia, Brazil.** *Herpetology Notes*, 12, pp.629-630.

https://www.researchgate.net/publication/262688803_Predation_on_two_dendropsophus_species_Anura_Hylidae_by_a_Pisaurid_spider_in_the_Atlantic_forest_Southeastern_Brazil

Silva e Souza, V. Tavares, H. Abrunhosa, P. (2019). **Environmental and social factors affecting calling behavior of *Hylodes nasus* Lichtenstein (1823) (Amphibia, Anura) at a stream in Tijuca Forest, Rio de Janeiro, Brazil.** *Revista De Biologia Neotropical / Journal of Neotropical Biology*, 16(1), pp.9-18.

<https://www.revistas.ufg.br/RBN/article/view/46904>

Smith, J. M. Bland, A. Gourevitch, E. Hoskisson, P.A. Downie, J. R. (2019). **Stable individual variation in ventral spotting patterns in *Phyllomedusa trinitatis* (Anura: Phyllomedusidae) and other *Phyllomedusa* species: a minimally invasive method for recognizing individuals.** *Phyllomedusa*, 18(1):13–26.

<https://www.revistas.usp.br/phylo/article/view/159072/153994>

Solé, M. Dias, L. R. Rodrigues, E. A. S. Marciano, E. Jr. Branco, S. M. Rödder, D. (2019). **Diet of *Leptodactylus spixi* (Anura: Leptodactylidae) from a cacao plantation in southern Bahia, Brazil.** *North-Western Journal of Zoology*, 15(1), pp.62-66, Article No.: e181501

https://www.researchgate.net/profile/Mirco_Sole/publication/333995570_Diet_of_Leptodactylus_spixi_Anura_Leptodactylidae_from_a_cacao_plantation_in_southern_Bahia_Brazil/links/5d11e35d299bf1547c7c82c3/Diet-of-Leptodactylus-spixi-Anura-Leptodactylidae-from-a-cacao-plantation-in-southern-Bahia-Brazil.pdf

Swartz, T. M. Miller, J. R. (2019). **Managing farm ponds as breeding sites for amphibians: key trade-offs in agricultural function and habitat conservation.** *Ecological Applications*, Online, pp.e01964

<https://esajournals.onlinelibrary.wiley.com/doi/abs/10.1002/eap.1964>

Targino, M. Elias-Costa, A. J. Taboada, C. Faivovich, J. (2019). **Novel morphological structures in frogs: vocal sac diversity and evolution in Microhylidae (Amphibia: Anura).** *Zoological Journal of the Linnean Society*, zlz042

<https://academic.oup.com/zoolinnea/advance-article-abstract/doi/10.1093/zoolinnea/zzz042/5519480>

Thomas, A. Das, S. Manish, K. (2019). **Influence of stream habitat variables on distribution and abundance of tadpoles of the endangered Purple frog, *Nasikabatrachus sahyadrensis* (Anura: Nasikabatrachidae).** *Journal of Asia-Pacific Biodiversity*, 12(2), pp.144-151.

<https://www.sciencedirect.com/science/article/pii/S2287884X18303170>

Thompson, L. M. Pugh, B. McDonald, L. A. Estrada, A. Horn, K. Gilman, B. L. C. Belden, L. K. Mitchell, J. C. Grayson, K. L. (2019). **Surveys for Population Persistence and Bd at the Northeastern Range Edge of the Eastern Lesser Siren.** *Northeastern Naturalist*, 26(2), pp.410-419.

<https://bioone.org/journals/Northeastern-Naturalist/volume-26/issue-2/045.026.0216/Surveys-for-Population-Persistence-and-iBd-i-at-the-Northeastern/10.1656/045.026.0216.short>

Torres-Cervantes, R. Ramírez-Bautista, A. Berriozabal-Islas, C. Cruz-Elizalde, R. Hernández-Salinas, U. (2019). **Morphology and reproductive patterns of an assemblage of anurans from the Chihuahuan Desert Region, Mexico.** *Journal of Arid Environments*, 165, pp.28-33.

<https://www.sciencedirect.com/science/article/abs/pii/S014019631830377X>

Üveges, B. Szederkényi, M. Mahr, K. Móricz, Á. M. Krüzselyi, D. Bókony, V. Hoi, H. Hettyey, A. (2019). **Chemical defense of toad tadpoles under risk by four predator species.** *Ecology and Evolution*, 9(11), pp.6287-6299

<https://onlinelibrary.wiley.com/doi/full/10.1002/ece3.5202>

Vaissi, S. Sharifi, M. Hernandez, A. Nikpey, S. Taran, M. (2019). **Skin bacterial microflora of two closely related mountain newts (Salamandridae) – the Yellow-spotted mountain newt *Neurergus derjugini* and the Kaiser's mountain newt *Neurergus kaiseri* – in the wild and in a breeding facility highlight new conservation perspectives.** *International Zoo Yearbook*, 53, pp.1-11.

<https://zslpublications.onlinelibrary.wiley.com/doi/pdf/10.1111/izy.12230>

Vanburen, C. S. Norman, D. B. Fröbisch, N. B. (2019). **Examining the relationship between sexual dimorphism in skin anatomy and body size in the white-lipped treefrog, *Litoria infrafrenata* (Anura: Hylidae).** *Zoological Journal of the Linnean Society*, 186(2), pp.491–500.

<https://academic.oup.com/zoolinnea/article/186/2/491/5164097>

Vasconcelosa, T. S. Prado, V. H. M. (2019). **Climate change and opposing spatial conservation priorities for anuran protection in the Brazilian hotspots.** *Journal for Nature Conservation*, 49, pp.118-124.

<https://www.sciencedirect.com/science/article/pii/S1617138118303212>

Vásquez-Cruz, V. Canseco-Márquez, L. Reynoso-Martínez, A. (2019). **Distributional and natural history notes for *Bromeliohyla dendroscarta* (Anura: Hylidae) in Veracruz, Mexico.** *Phyllomedusa*, 18(1), pp.27-36.

<https://www.revistas.usp.br/phylo/article/view/159073/153996>

Villa, P. M. Pérez-Sánchez, A. J. Nava, F. Acevedo, A. Cadenas, D. A. (2019). **Local-scale Seasonality Shapes Anuran Community Abundance in a Cloud Forest of the Tropical Andes.** *Zoological Studies*, 58(17),

<http://zoolstud.sinica.edu.tw/Journals/58/58-17.pdf>

Vo, N. T. K. Everson, J. Moore, L. DeWitte-Orr, S. J. (2019). **Class A scavenger receptor expression and function in eight novel tadpole cell lines from the green frog (*Lithobates clamitans*) and the wood frog (*Lithobates sylvatica*).** *Cytotechnology*, Online, pp.1–12.

<https://link.springer.com/article/10.1007/s10616-019-00318-1>

Vučić, T. Sibinović, M. Vukov, T. D. Tomašević Kolarov, N. Cvijanović, M. Ivanović, A. (2019). **Testing the evolutionary constraints of metamorphosis: The ontogeny of head shape in *Triturus* newts.** *Evolution; International Journal of Organic Evolution*, 73(6), pp.1253-1264.

https://www.researchgate.net/publication/332449955_Testing_the_evolutionary_constraints_of_m_etamorphosis_The_ontogeny_of_head_shape_in_Triturus_newts

Walls, S. C. Gabor, C. R. (2019). **Integrating Behavior and Physiology into Strategies for Amphibian Conservation.** *Frontiers in Ecology and Evolution*, Online.

<https://www.frontiersin.org/articles/10.3389/fevo.2019.00234/full>

Wang, J. Lyu, Z.-T. Liu, Z. Liao, C.-K. Zeng, Z. Zhao, J. Li, Y.-L. Wang, Y.-Y. (2019). **Description of six new species of the subgenus Panophrys within the genus Megophrys (Anura, Megophryidae) from southeastern China based on molecular and morphological data.** *Zookeys*, 851, pp.113-164.

<https://zookeys.pensoft.net/article/29107/>

Wang, X. Huang, Y. Zhong, M. Yang, S. Yang, X. Jiang, J. Hu, J. (2019). **Environmental stress shapes life-history variation in the swelled-vented frog (Feirana quadranus).** *Evolutionary Ecology*, 33(3), pp.435–448.

https://www.researchgate.net/publication/331794072_Environmental_stress_shapes_life-history_variation_in_the_swelled-vented_frog_Feirana_quadranus

Watters, J. L. McMillin, S. L. Marhanka, E. C. Davis, D. R. Farkas, J. K. Kerby, J. L. Siler, C. D. (2019). **Seasonality in Batrachochytrium dendrobatidis detection in amphibians in central Oklahoma, USA.** *Journal of Zoo and Wildlife Medicine*, 50(2), pp.492-497.

<https://www.zoowildlifejournal.com/doi/abs/10.1638/2018-0103>

Weihmann, F. Weihmann, S. Weihmann, T. (2019). **Conservation genetic analysis of a Central-European range-margin population of the yellow-bellied toad (Bombina v. variegata).** *Conservation Genetics*, 20(3), pp.557–569.

<https://link.springer.com/article/10.1007/s10592-019-01156-6>

Weldon, C. Channing, A. Misinzo, G. Cunningham, A. A. (2019). **Disease driven extinction in the wild of the Kihansi spray toad (Nectophrynoides asperginis).** *BioRxiv*, Preprint Online.

<https://www.biorxiv.org/content/biorxiv/early/2019/06/21/677971.full.pdf>

Willkens, Y. Rebêlo, G. L. Santos, J. N. Furtado, A. P. (2019). **Rhabdias glaurungi sp. nov. (Nematoda: Rhabdiasidae), parasite of Scinax gr. ruber (Laurenti, 1768) (Anura: Hylidae), from the Brazilian Amazon.** *Journal of Helminthology*, pp. 1–9.

<https://www.cambridge.org/core/journals/journal-of-helminthology/article/rhabdias-glaurungi-sp-nov-nematoda-rhabdiasidae-parasite-of-scinax-gr-ruber-laurenti-1768-anura-hylidae-from-the-brazilian-amazon/14A0316D8110487D34DAE243D422AD8F>

Wojdan, D. Żeber-Dzikowska, I. Gworek, B. Sadowski, M. Chmielewski, J. (2019). **Herpetofauna of the Pieprzowe Mountains Nature Reserve and adjacent areas.** *Environmental Protection and Natural Resources*, 30(2), pp.24–31.

<https://content.sciendo.com/view/journals/oszn/30/2/article-p24.xml>

Wu, Z. Y. E, G.-X. Ran, H. Wang, D. H. Yang, T. Y. (2019). **Intraspecific Diversity Analysis of Rice Frogs, *Fejervarya multistriata* (Anura: Ranidae), Based on mtDNA D-Loop Sequences, in Tongren, Guizhou Province, China.** *Pakistan Journal of Zoology*, 51 (3), pp.1011-1016.

<https://researcherslinks.com/current-issues/Intraspecific-Diversity-Analysis-of-Rice-Frogs/20/1/2133>

Wynne, F. J. (2019). **Detection of ranavirus in endemic and threatened amphibian populations of the Australian Wet Tropics Region.** *Pacific Conservation Biology*, Online.

<http://www.publish.csiro.au/pc/PC19009>

Yáñez-Muñoz, M. H. Veintimilla-Yáñez, D. Batallas, D. Cisneros-Heredia, D. F. (2019). **A new giant *Pristimantis* (Anura, Craugastoridae) from the paramos of the Podocarpus National Park, southern Ecuador.** *Zookeys*, 852, pp.137-156.

<https://zookeys.pensoft.net/article/24557/>

Yovanovich, C. A. M. Grant, T. Kelber, A. (2019). **Differences in ocular media transmittance among classical frog model species and its impact on visual sensitivity.** *Journal of Experimental Biology*, Online, jeb.204271.

<https://jeb.biologists.org/content/early/2019/06/06/jeb.204271.abstract>

Yu, G. Hui, H. Wang, J. Rao, D. Wu, Z. Yang, J. (2019). **A new species of *Gracixalus* (Anura, Rhacophoridae) from Yunnan, China.** *ZooKeys* 851, pp.91–111.

<https://zookeys.pensoft.net/article/32157/>

Yu, T. L. Wang, D. L. Busam, M. Deng, Y. H. (2019). **Altitudinal variation in body size in *Bufo minshanicus* supports Bergmann's rule.** *Evolutionary Ecology*, 33, pp.449–460.

<https://link.springer.com/article/10.1007/s10682-019-09984-1>

Zaffaroni, M. Zamberletti, P. Creed, I. F. Accatino, F. De Michele, C. Devries, B. (2019). **Safeguarding Wetlands and Their Connections within Wetlandscapes to Improve Conservation Outcomes for Threatened Amphibian Species.** *JAWRA Journal of the American Water Resources Association*, 55(3), pp.641-656.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/1752-1688.12751>