

## 2019 Journal Publications

### July

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*, 77(1), pp.29-39.

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Albecker, M. A. McCoy, M. W. (2019). **Local adaptation for enhanced salt tolerance reduces non-adaptive plasticity caused by osmotic stress**. *Evolution*, Early View.

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Alvarez, M. D. V. Fernandez, C. Cove, M. V. (2019). **Assessing the role of habitat and species interactions in the population decline and detection bias of Neotropical leaf litter frogs in and around La Selva Biological Station, Costa Rica**. *Neotropical Biology and Conservation* 14(2), pp.143–156, e37526.

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Amat, F. Rivera, X. Romano, A. Sotgiu, G. (2019). **Sexual dimorphism in the endemic Sardinian cave salamander (*Atylodes genei*)**. *Folia Zoologica*, 68(2), p.61-65.

<https://bioone.org/journals/Folia-Zoologica/volume-68/issue-2/fozo.047.2019/Sexual-dimorphism-in-the-endemic-Sardinian-cave-salamander-Atylodes-genei/10.25225/fozo.047.2019.short>

Amézquita, A, Suárez, G. Palacios-Rodríguez, P. Beltrán, I. Rodríguez, C. Barrientos, L. S. Daza, J. M. Mazariegos, L. (2019). **A new species of *Pristimantis* (Anura: Craugastoridae) from the cloud forests of Colombian western Andes**. *Zootaxa*, 4648(3).

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Arrivillaga, C. Oakley, J. Ebner, S. (2019). **Predation of *Scinax ruber* (Anura: Hylidae) tadpoles by a fishing spider of the genus *Thaumisia* (Araneae: Pisauridae) in south-east Peru**. *The Herpetological Bulletin* 148, pp.41-42.

[https://www.researchgate.net/profile/Cristina\\_Arrivillaga3/publication/334151292\\_Predation\\_of\\_Scinax\\_ruber\\_Anura\\_Hylidae\\_tadpoles\\_by\\_a\\_fishing\\_spider\\_of\\_the\\_genus\\_Thaumasia\\_Araneae\\_Pisauridae\\_in\\_south-east\\_Peru/links/5d1a5f84a6fdcc2462b72820/Predation-of-Scinax-ruber-Anura-](https://www.researchgate.net/profile/Cristina_Arrivillaga3/publication/334151292_Predation_of_Scinax_ruber_Anura_Hylidae_tadpoles_by_a_fishing_spider_of_the_genus_Thaumasia_Araneae_Pisauridae_in_south-east_Peru/links/5d1a5f84a6fdcc2462b72820/Predation-of-Scinax-ruber-Anura-)

[Hylidae-tadpoles-by-a-fishing-spider-of-the-genus-Thaumasia-Araneae-Pisauridae-in-south-east-Peru.pdf](#)

Ashrafzadeh, M. R. Asghar, Naghipour, A. A. Haidarian, M. Kusza, S. Pillio, D. S. (2019). **Effects of climate change on habitat and connectivity for populations of a vulnerable, endemic salamander in Iran.** *Global Ecology and Conservation*, 19, e00637.

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Báez, A. M. Gomez, R. O. (2019). **Redescription of the overlooked basal frog *Wealdenbatrachus* reveals increased diversity among Early Cretaceous anurans.** *Cretaceous Research*, 99, pp.14-29.

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Baker, B. Meyer, D. Llaniguez, J. Rafique, S. Cotroneo, T. M. Hish, G. Baker, T. R. (2019). **Management of Multiple Protozoan Ectoparasites in a Research Colony of Axolotls (*Ambystoma mexicanum*).** *Journal of the American Association for Laboratory Animal Science*, 58(4), pp.479-484.

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Banach, M. Edholm, E-S. Gonzalez, X. Benraiss, A. Robert, J. (2019). **Impacts of the MHC class I-like XNC10 and innate-like T cells on tumor tolerance and rejection in the amphibian *Xenopus*.** *Carcinogenesis*, 40(7), pp.924-935.

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Bates, K. A. Shelton, J. M. Mercier, V. L. Hopkins, K. P. Harrison, X. A. Petrovan, S. O. Fisher, M. C. (2019). **Captivity and infection by the fungal pathogen *Batrachochytrium salamandrivorans* perturb the amphibian skin microbiome.** *Frontiers in Microbiology*, Online.

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Beltrán, I. Ramírez-Castañeda, V. Rodríguez-López, C. Lasso, E. Amézquita, A. (2019). **Dealing with hot rocky environments: Critical thermal maxima and locomotor performance in *Leptodactylus lithonaetes* (Anura: Leptodactylidae).** *The Herpetological Journal*, 29(3), pp. 155-161.

[https://www.researchgate.net/publication/334152095\\_Dealing\\_with\\_hot\\_rocky\\_environments\\_Critical\\_thermal\\_maxima\\_and\\_locomotor\\_performance\\_in\\_Leptodactylus\\_lithonaetes\\_Anura\\_Leptodactylidae](https://www.researchgate.net/publication/334152095_Dealing_with_hot_rocky_environments_Critical_thermal_maxima_and_locomotor_performance_in_Leptodactylus_lithonaetes_Anura_Leptodactylidae)

Blackburn, D. G. (2019). **The oviparous olm: Analysis & refutation of claims for viviparity in the cave salamander *Proteus anguinus* (Amphibia: Proteidae).** *Zoologischer Anzeiger*, 281, pp.16-23.

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Blanchard, C. Boué-Grabot, E. Massé, K. (2019). **Comparative Embryonic Spatio-Temporal Expression Profile Map of the Xenopus P2X Receptor Family**. *Frontiers in Cellular Neuroscience*, Online.

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Brannelly, L. A. Ohmer, M. E. B. Saenz, V. Richards-Zawacki, C. L. (2019). **Effects of hydroperiod on growth, development, survival, and immune defenses in a temperate amphibian**. *Functional Ecology*, Accepted Article.

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Clarke, G. S. Shine, R. Phillips, B. L. (2019). **Whispers on the wind: male cane toads modify mate searching and amplexus tactics based on calls from other males.** *Animal Behaviour*, 153, pp.131-136.

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Clarke, G. S. Shine, R. Phillips, B. L. (2019). **May the (selective) force be with you: spatial sorting and natural selection exert opposing forces on limb length in an invasive amphibian.** *Journal of Evolutionary Biology*, Online.

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Cruz, C. A. G. Carmaschi, U. Fusinato, L. A. Brasileiro, C. A. (2019). **Taxonomic review of *Dendrophryniscus brevipollicatus* Jiménez de la Espada, 1870, with revalidation of *D. imitator* (Miranda-Ribeiro, 1920) and *D. lauroi* Miranda-Ribeiro, 1926, and description of four new related species (Anura, Bufonidae).** *Zootaxa*, 4648(1).

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[https://www.researchgate.net/profile/Aurelio\\_Ramirez-Bautista/publication/334520612\\_An\\_updated\\_checklist\\_of\\_the\\_herpetofauna\\_of\\_Queretaro\\_Mexico\\_species\\_richness\\_diversity\\_and\\_conservation\\_status/links/5d310331299bf1547cc2600d/An-updated-checklist-of-the-herpetofauna-of-Queretaro-Mexico-species-richness-diversity-and-conservation-status.pdf](https://www.researchgate.net/profile/Aurelio_Ramirez-Bautista/publication/334520612_An_updated_checklist_of_the_herpetofauna_of_Queretaro_Mexico_species_richness_diversity_and_conservation_status/links/5d310331299bf1547cc2600d/An-updated-checklist-of-the-herpetofauna-of-Queretaro-Mexico-species-richness-diversity-and-conservation-status.pdf)

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