

Wagner Chaves Acuña

Museo Argentino de Ciencias Naturales “Bernardino Rivadavia” – Consejo Nacional de Investigaciones Científicas y Técnicas, Buenos Aires, Argentina

PERSONAL INFORMATION

Email: wchaves512@gmail.com

ORCID ID: 0000-0002-6669-5701

ACADEMIC DATA

2019 – Present Ph.D. Program in Biological Sciences

“Diversity and evolution of the tree frog genus *Isthmohyla* (Anura: Hylidae)”

Department of Biodiversity and Experimental Biology, Universidad de Buenos Aires, Argentina – Museo Argentino de Ciencias Naturales “Bernardino Rivadavia” - CONICET

Advisor: Ph.D. Julián Faivovich

2009 – 2015 Bachelors in Biology

Universidad de Costa Rica, Costa Rica

2007 – 2015 Bachelors in English

Universidad de Costa Rica, Costa Rica

PUBLICATIONS

Peer reviewed

2024

Chaves-Acuña, W.* & D. Salas-Solano. 2024. *Holcosus festivus* (Central American Whiptail Lizard). Diet and Feeding behavior. *Herpetological Review*, 54(3): 467-468.

2023

Salas-Solano, D. & **Chaves-Acuña, W.*** 2023. Notes on facultative use of bat-modified “leaf tents” by *Agalychnis* Red-eyed treefrogs (Anura: Hylidae). *Phyllomedusa: Journal of Herpetology*, 22(2): 195-201. <https://doi.org/10.11606/issn.2316-9079.v22i2p195-201>

Chaves-Acuña, W.*, E. Moreno & M. H. Yáñez-Muñoz. 2023. The advertisement call of an urban-adapted frog, *Pristimantis unistrigatus* (Strabomantidae), from the Ecuadorian Andes. *Phyllomedusa: Journal of Herpetology*, 22(1): 49-55. <https://doi.org/10.11606/issn.2316-9079.v22i1p49-55>

2021

Chaves-Acuña, W.* & D. Salas-Solano. 2021. *Holcosus festivus* (Central American Whiptail Lizard). Nuptial gift. *Herpetological Review*, 52(4): 858-859.

2020

Chaves-Acuña, W.*, G. Chaves, J. Klank, E. Arias, F. Bolaños, A. Shepack, T. Leenders, J.

Cossel & J. Faivovich. 2020. Recent findings of *Isthmohyla pictipes* (Anura: Hylidae) in Costa Rica: variation and implications for conservation. *Zootaxa*, 4881(3): 499-514. <https://doi.org/10.11646/zootaxa.4881.3.4>

Chaves-Acuña, W.*, L. Sandoval, P. P. Bitton, G. Barrantes & A. García-Rodríguez. 2020. Conspecific and predatory perception of *Oophaga pumilio* red-bright morphs at the Central Caribbean of Costa Rica. *Journal of Herpetology*, 54 (3): 361-370. <https://doi.org/10.1670/19-110>

Chaves-Acuña, W.*, J. A. Salazar-Zúñiga & G. Chaves. 2020. Egg clutch survival under prolonged paternal care in the glassfrog *Hyalinobatrachium talamancae*. *Copeia*, 108 (3): 514-521. <https://doi.org/10.1643/CE-19-322>

2019

Salazar-Zúñiga, J. A., **W. Chaves-Acuña**, G. Chaves, A. Acuña, J. Abarca, J. Lobon-Rovira, E. Gómez, A. Gutiérrez & F. Bolaños. 2019. The most frog-diverse place in Middle America, with notes on conservation status of six threatened species of amphibians. *Amphibian & Reptile Conservation*, 13: 304-322.

Díaz, J. L., **W. Chaves-Acuña*** & J. Yáñez. 2019. Diversity of fungal communities inhabiting symptomatic leaves of Cape gooseberry (*Physalis peruviana*) in the Ecuadorian Andes. *Revista Ecuatoriana de Medicina y Ciencias Biológicas*, 40: 77-85. <https://doi.org/10.26807/remcb.v40i2.55>

2018

Dávila, M. F., **W. Chaves-Acuña*** & J. Yáñez. 2018. Fungal communities isolated from symptomatic naranjilla (*Solanum quitoense* Lam.) leaves in the Ecuadorian Amazon region. *Revista Ecuatoriana de Medicina y Ciencias Biológicas*, 39: 39-49. <https://doi.org/10.26807/remcb.v39i1.561>

* **Corresponding author**

Book chapter

2020

S. Rodríguez-González, X. Fernández, **W. Chaves-Acuña** & G. Coelho-de-Souza. 2020. A agricultura familiar e suas relações com a agrobiodiversidade, segurança alimentar e nutricional e conservação em Coto Brus, Costa Rica. Pp. 211-272. In: *A Conservação das sementes crioulas: uma visão interdisciplinar da agrobiodiversidades*. V. Camejo Pereira & F. Kessler Dal Soglio (Eds.). Editora da Universidade Federal do Rio Grande do Sul. Porto Alegre, Brazil

Poetry

2019

Chaves-Acuña, W. 2019. A Glass Song. *Revista de Linguas Modernas*. 30: 347

AD HOC REVIEWER FOR INDEXED JOURNALS

Herpetological Notes, Zootaxa

CONGRESS PARTICIPATION

2023 Organizing committee, XXIII Congreso Argentino de Herpetología
Sociedad Argentina de Herpetología, Buenos Aires, Argentina

2023 Diversity and evolution of the genus *Isthmohyla* (Hylidae: Hylinae: Hylini) in Central America

Oral Presentation – *XXIII Congreso Argentino de Herpetología, Argentina*

2022 Bioacoustics of the genus *Isthmohyla* (Anura: Hylidae)

Oral Presentation – *VIII Scientific Congress, Universidad Autónoma de Chiriquí, Panama*

2021 Trade-off between calling and attending offspring: variation of call traits associated with paternal care in a glassfrog with prolonged egg surveillance

Virtual Poster Presentation – *Animal Behavior Live: Annual Online Conference 2021*

2017 Benefits of parental care in the green-striped glassfrog (Anura: Centrolenidae)

Oral Presentation – *XL Latin American Congress of Herpetology, Ecuador*

2015 Advertisement call and acoustic behavior of the green-striped glassfrog in the Central Caribbean of Costa Rica

Oral Presentation – *II Student Symposium of Biology, Universidad de Costa Rica, Costa Rica*

2011 Reproductive behavior of the green-striped glassfrog

Oral Presentation – *XVI Congress of the Mesoamerican Society for Biology and Conservation, Panamá*

GRANTS

2023 Research grant, “Taxonomy and systematics of *Isthmohyla calypsa* and *I. lancasteri* (Hylidae: Hylinae: Hylini)”

Theodore Roosevelt Memorial Fund, American Museum of Natural History

2021 Conservation Fund, “*In-situ* conservation of the endangered treefrog *Isthmohyla pictipes* in a tropical cloud forest of Costa Rica”

Mohamed Bin Zayed Species Conservation Fund

2021 IDEA WILD, Equipment donation

2020 STRI Short Term Fellowship, “Reproductive ecology of the bromeliad-dwelling frog *Isthmohyla zeteki* (Anura: Hylidae)”

Smithsonian Tropical Research Institute, STRI, USA/Panamá

2019 Doctoral Fellowship, “Diversity and evolution of the tree-frog genus *Isthmohyla*”

National Scientific and Technical Research Council (CONICET), Argentina

2019 Pilot research grant, Fund 502 Glaxo Central America Fellowship and Fund 521 Lillian and Murray Slatkin Fellowship, “Trophic egg provision in the bromeliad tree-frog *Isthmohyla picadoi* (Anura: Hylidae) at an elfin forest”

Organization for Tropical Studies, USA/Costa Rica

2015 Course grant, “Tropical Ecology and Conservation”

Organization for Tropical Studies, USA/Costa Rica

2015 Pilot research grant, Fund 512 Emily Foster and Fund 502 Glaxo-Wellcome, “Phonotactic responses and agonistic calls of *Oophaga pumilio* against the invasion of a bimodal model in La Selva, Costa Rica”

Organization for Tropical Studies. USA/Costa Rica

COURSES, INTERNSHIPS AND SEMINARS,

2021 Graduate course, “Tadpole Biology UFPR”

Universidade Federal do Paraná, Brazil – Coordinator: Ph.D. Pedro Henrique dos Santos Dias

2020 Working with amphibians in research settings

Collaborative Institutional Training Initiative – Smithsonian Institution

2019 XI Leading labs training workshop for DNA barcoding 2019”

Museo Argentino de Ciencias Naturales “Bernardino Rivadavia”-CONICET. Argentina –

Coordinator: Ph.D. Pablo Tubaro

2018 Online course, “Research Writing in the Sciences & Additional topics completed: (1) Writing a Grant Proposal; (2) Communicating Research Outside Academia” (badge type 4) –

<https://moodle.inasp.info/badges/badge.php?hash=cd96363d8c3920dbd7ddf02245839d61fb08dfd2>

AuthorID and INASP. UK – Coordinator: Andy Nobes

2018 Seminar, “Biodiversity sampling methods and their importance for businesses in the touristic and agricultural sectors of the Neotropics”

Puro Verde Paraiso Forestal. Costa Rica – Coordinator: Ph.D. Gunther Köhler

2016-2017 Internship, Centro Jambatu de Investigación y Conservación de Anfibios

Fundación Otonga – Coordinator: Ph.D. Luis Coloma

2015 Graduate course, ETC-2015 “Tropical Ecology and Conservation”

Organization for Tropical Studies. USA/Costa Rica – Coordinators: M.Sc. Federico Chinchilla, Ph.D. Fernando Soley

2013 Undergraduate course, BIOL20552 “Tropical Ecology and Conservation”

Manchester University. UK – Coordinator: Ph.D. Amanda Bamford

TEACHING EXPERIENCE

2017 – 2020 Teaching assistant, “Field Ecology: Skills for Science and Beyond”

Organization for Tropical Studies. USA/Costa Rica – Coordinator: Ph.D. Carissa Ganong

2018 English Instructor, (Basic, Intermediate & Advanced)

Underground School of Languages. Argentina – Coordinator: Maria S. Seijas

2015 Teaching assistant, “Herpetology” B-0417

Universidad de Costa Rica. Costa Rica – Coordinator: M.Sc. Gerardo Chaves

2014 – 2016 Teaching assistant, “Introduction to Biology I” B-0161

Universidad de Costa Rica. Costa Rica – Coordinators: M.Sc. Federico Bolaños & M.Sc. Monika Springer

2013 – 2015 Laboratory Instructor, “General Biology” B-0107
Universidad de Costa Rica. Costa Rica – Coordinator: Ph.D. Adarli Romero

2013 – 2015 Teaching assistant, “Introduction to Biology II” B-0163
Universidad de Costa Rica. Costa Rica – Coordinator: M.Sc. Federico Bolaños

ADVISING EXPERIENCE

2023 Undergraduate Tutor, Supervised Professional Practice, “Genetic variation in *Pleurodema* (Anura: Leptodactylidae)”
Museo Argentino de Ciencias Naturales “Bernardino Rivadavia”, Argentina – Student: Mónica Vallejo (Universidad de Costa Rica)

2020 Undergraduate Tutor, Supervised Professional Practice, “Hylid diversity in the Cerro Caraigres, Costa Rica”
Universidad Nacional de Costa Rica. Costa Rica – Student: Luis Alejandro Valverde

REFERENCES

- Ph.D. Julián Faivovich
Museo Argentino de Ciencias Naturales “Bernardino Rivadavia” - CONICET;
jfaivovich@gmail.com
- Ph.D. Sabrina Amador
Smithsonian Tropical Research Institute; amadorS@si.edu
- M.Sc. Federico Bolaños Vives
Escuela de Biología, Universidad de Costa Rica; federico.bolanos@ucr.ac.cr