

Full name: Laura Verraastro

Sub-area: Zoology

Doctorate (date of graduation): 18 December 2001

Full Professor (maximum grade), 40 hours with exclusive dedication of the Herpetology Laboratory, Department of Zoology, Institute of Biosciences of the Federal University of Rio Grande do Sul, Brazil.

I am a Full Professor of the Herpetology Laboratory, Department of Zoology of the Federal University of Rio Grande do Sul (Brazil), with exclusive dedication. Annually, I participate in teaching undergraduate courses (Biological Sciences) and postgraduate courses in the Animal Biology Program, where I mentor master's and doctoral students. My field of work is vertebrate zoology, primarily Herpetology. My research focuses on the biology, natural history, and ecology of different lizard species, particularly those that are restricted and/or threatened with extinction in the typical biomes and ecosystems of the southern region of South America (subtropical region). I have also been involved in systematic studies, including the description of new lizard species. So far, I have published 68 scientific papers in peer-reviewed journals, 15 book chapters, and 140 works in scientific conferences. I have delivered 43 conferences at national and international levels. I have dedicated a significant part of my activity to teaching: I have supervised 35 final degree projects, mentored 108 undergraduate students in Scientific Initiation, University Extension, and Specialization programs, and guided 32 master's students, 10 doctoral students, and 7 postdoctoral researchers, all in the field of Herpetology. I have coordinated 24 university extension projects, linking my research activities with school communities and the general population in the areas where our studies are conducted. I have participated in National Programs for endangered target species in collaboration with ICMBio (Ministry of Environment of Brazil). I have also been involved in working groups for the assessment and preparation of lists of threatened amphibians and reptiles at both the national level (Ministry of Environment, Brazil) and state level (FZB - Zoobotanical Foundation - Rio Grande do Sul). I was responsible for coordinating the Specialization Course in Animal Diversity and Conservation, as well as the Specialization Course in Animal Inventory and Monitoring, within the Graduate Program in Animal Biology at the Institute of Biosciences, UFRGS. I served as the Head of the Department of Zoology at IB-UFRGS for two terms. I was also a member of the Undergraduate Commission at the Institute of Biosciences (Biological Sciences Course, IB, UFRGS), a member of the Ethics Committee for Animal Use (UFRGS), a member of the Graduate Program Coordinating Committee in Animal Biology (IB, UFRGS), and a member of the Extension Commission at the Institute of Biosciences (UFRGS). In terms of university governance, I served as the representative for the Faculty Order in the Council of the Institute of Biosciences (the highest governing body of the faculty) for two terms. I also served as a Faculty Member in the University Council (CONSUN-UFRGS), the highest governing body of UFRGS. I held the position for three terms as a sitting member and two terms as a vice member. In union activities, I was part of the Board of Directors of ADUFRGS (Union of UFRGS Professors) for one term.

Research line(s): Describing the diversity of neotropical amphibians and reptiles and their distribution. Understanding the evolutionary processes of these animals through the application of

consistent phylogenetic analysis methods. Studying the biology and ecology of amphibians and reptiles in the subtropical region of Brazil, aiming at developing models applied to the fauna of this region. Analyzing the morphology of the fauna to understand adaptations to different types of environments. Utilizing studies on the natural history of restricted, endemic, and/or threatened species of herpetofauna to characterize environments and ecosystems of open areas, aiming to obtain results for the creation of conservation units that help maintain the typical diversity of these environments.

Published articles (last 5 years)

MALLERET, M.M.; NÁDIA F. PISETTA; FAGUNDES, N. J. R.; **VERRASTRO, L.** 2023. A new species of *Homonota* (Squamata: Phyllodactylidae) from the Uruguayan Savanna. **Zoologica Scripta**, v. 00, p. 1-13.

BIANCA O. ANDRADE, William Dröse, Cassiana Alves de Aguiar, Elisa Teixeira Aires, Diego Janisch Alvares, Rosa Lia Barbieri, Claudio José Barros de Carvalho, Marie Bartz, Fernando Gertum Becker, Glayson Ariel Bencke, Anelise Beneduzi, Jorge Bernardo Silva, Betina Blochtein, Ilsi Iob Boldrini, Piter Kehoma Boll, Juçara Bordin, Rosa Mara Borges da Silveira, Márcio Borges-Martins, Camila Bosenbecker, João Braccini, Bruna Braun, Rosângela Brito, George G. Brown, Henrique Mallmann Büneker, Cristiano Roberto Buzatto, Adriano Cavalleri, Sonia Zanini Cechin, Patrick Colombo, Reginaldo Constantino, Cíntia Fernanda da Costa, Marina S. Dalzochio, Marcelo Gehlen de Oliveira, Rafael Antunes Dias, Luana Amaral dos Santos, Adriane da Fonseca Duarte, Juliano Lessa Pinto Duarte, Jaqueline Durigon, Mayara Escobar da Silva, Priscila Porto Alegre Ferreira, Talita Ferreira, Juliano Ferrer, Viviane G. Ferro, Carla Suertegaray Fontana, Marcelo Duarte Freire, Thales Renato Ochotorena Freitas, Daniel Galiano, Marinês Garcia, Tiago Gomes dos Santos, Lucas Roberto Pereira Gomes, Felipe Gonzatti, Marco Silva Gottschalk, Gustavo Gracioli, Camille E. Granada, Martin Grings, Pablo Santos Guimarães, Ingrid Heydrich, Samanta Iop, João André Jarenkow, Patrícia Jungbluth, Márcia Isabel Käffer, Lucas Augusto Kaminski, Diego Costa Kenne, Frederico Dutra Kirst, Tiago Kütter Krolow, Rodrigo Ferreira Krüger, Bruno Busnello Kubiak, Ana Maria Leal-Zanchet, Daniel Loebmann, Dióber Borges Lucas, Elaine Maria Lucas, André Luís Luza, Ibere Farina Machado, Bruno Madalozzo, Renan Maestri, Luiz R. Malabarba, Raúl Maneyro, Marco Antonio Tonus Marinho, Roberta Marques, Kimberly da Silva Marta, Diego da Silveira Martins, Giovana da Silva Martins, Thiago Rambo Martins, Anderson Santos de Mello, Ramon Luciano Mello, Milton de Souza Mendonça Junior, Ana Beatriz Barros de Moraes, Felipe F. F. Moreira, Leonardo Felipe Bairos Moreira, Luciano de A. Moura, Michelle Helena Nervo, Ricardo Ott, Patrícia Paludo, Luciane M. P. Passaglia, Eduardo Périco, Erika Sant'Anna Petzhold, Mateus M. Pires, Jean Lucas Poppe, Fernando Marques Quintela, Mateus Raguse-Quadros, Maria João Ramos Pereira, Samuel Renner, Felipe B. Ribeiro, José Ricardo Inacio Ribeiro, Everton Nei Lopes Rodrigues, Patrícia E. S. Rodrigues, Helena Piccoli Romanowski, Tatiana Petersen Ruschel, Suelen da Silva Alves Saccol, Marcoandre Savaris, Fernanda Schmidt Silveira, Hermes José Schmitz, Ana Emilia Siegloch, Ricardo Russo Siewert, Pedro Joel Silva da Silva Filho, Aline G. Soares, Alexandre Somavilla, Patrícia Sperotto, Marcia Regina Spies, Flávia Pereira Tirelli, Alexandro Marques Tozetti, **LAURA VERRASTRO**, Cleusa Vogel Ely, Ândrio Zafalon da Silva, Caroline Zank, Edison Zefa, Gerhard E. Overbeck. 2023. 12,500+ and counting: biodiversity of the Brazilian Pampa. 2023. **Frontiers of Biogeography**, 15.2, e59288.

MATIAS, N.R.; GUIMARÃES, M; OLIVEIRA, A. S.; **VERRASTRO, L.** 2022. Effect of anthropogenic disturbance on the survival of sand lizard *Liolaemus occipitalis* Boulenger (Squamata: Liolaemidae). **Iheringia Serie Zoologia**, v.112, p.4766e2022014.

OLIVEIRA, A. S.; GUIMARÃES, M; MATIAS, N. R.; **VERRASTRO, L.** 2022. How close is danger? Relationship between the distance from an exotic tree plantation and occupancy of an endemic lizard. **Austral Ecology**, v.47, p.1 – 10.

MALLERET, M. M.; FREIRE, M. D.; LEMES, P.; BRUM, F. T.; CAMARGO, A.; **VERRASTRO, L.**

2022. Phylogeography and species delimitation of the Neotropical frog complex (Hylidae: Scinax granulosus). **Zoologica Scripta**. v.2022, 1-18.

FREIRE, M. D.; REGNET, R. A.; MACHADO, I. F.; LOEBMANN, D.; **VERRASTRO, L.** 2022. The tadpole of the red-bellied toad, *Melanophryniscus dorsalis* (Mertens, 1933) (Anura: Bufonidae), a threatened species in southern Brazil. **Zootaxa**, v.5129, 442-446.

GREGOL, R.; VALGAS, A., A.N.; GONÇALVES, T. A.; **VERRASTRO, L.** 2021. Desenvolvimento e aplicação de atividade de Educação Ambiental: lagartixa das dunas (*Liolaemus arambarensis*) em foco. **Educação Ambiental (Brasil)**. v.2, 2-24-24.

OLIVEIRA, M. R.; BRAGHIROLI, F. M.; KRAUSE L. L. E.; **VERRASTRO, L.**; OLIVEIRA, G. T.. 2021. Evaluation of the Seasonal Variation of Parameters of Oxidative Status of *Tropidurus catalanensis* Gudynas and Skuk, 1983. **South American Journal of Herpetology**, v.19, 12-21. doi.org/10.2994/SAJH-D-18-00048.1.

KELLERMANN, A. G.; SCALON-LUCHESE, M.; VIEIRA, C. R.; BRACK, I. V.; **VERRASTRO, L.** 2021. Local Extinction of *Tropidurus catalanensis* Caused by Plantation Forestry in the Pampas of Brazil. **Herpetological Conservation and Biology**, v.16, 295-302.

REBELATO, M. M.; FERRI, V. Y. K.; DALMOLIN, D. A.; TOZETTI, A. M.; **VERRASTRO, L.** 2020. Envenomation by opisthoglyphous snake *Thamnodynastes hypoconia* (Cope, 1860) (Dipsadinae: Tachymenini) in southern Brazil. **Toxicon**, v.6494, 1-17. <https://doi.org/10.1016/j.toxicon.2020.10.022>.

VIEIRA, R. C.; **VERRASTRO, L.**; BORGES-MARTINS, M.; FELAPPI, J. F.. 2020. The lizard that never sleeps: activity of the pampa marked gecko *Homonota uruguayensis*. **Iheringia. Série Zoologia** (ONLINE), v.110, 1678-4766e20200. DOI 10.1590/1678-4766e2020011.

VIEIRA, R. C.; BORGES-MARTINS, M.; FELAPPI, J. F.; **VERRASTRO, L.** 2020. Ring marking in lizards: positive and negative aspects of a new marking method. **Brazilian Journal of Animal and Environmental Research**, Curitiba, v. 3, n. 3, p. 2723-2731. DOI: 10.34188/bjaerv3n3-180.

VIEIRA, R. C.; BORGES-MARTINS, M.; FELAPPI, J. F.; **VERRASTRO, L.** 2020. Home range of *Homonota uruguayensis* (Squamata, Phyllodactylidae) at Rio Grande do Sul State, Brazil. **Brazilian Journal of Animal and Environmental Research**. Curitiba, v. 3, n. 4, p. 3678-3691. DOI: 10.34188/bjaerv3n4-072.

REBELATO, M. M.; WINEMILLER, K. O.; DURSO, A. M.; TOZETTI, A. M.; DE CAMARGO, P. B.; **VERRASTRO, L.** 2020. What do stable isotopes tell us about the trophic ecology of *Thamnodynastes hypoconia* (Serpentes: Dipsadidae) in southern Brazil? **Zoology**, v.141, 125812. doi.org/10.1016/j.zool.2020.125812.

LIZ-VICENTE, A.; SANTOS, V.; RIBEIRO, T.; GUIMARÃES, M.; **VERRASTRO, L.** 2019. Are lizards sensitive to anomalous seasonal temperatures? Long-term thermobiological variability in a subtropical species. **PLoS One**, v.14, e0226399. doi.org/10.1371/journal.pone.0226399

VOGT, R. C.; ELY, I.; **VERRASTRO, L.** 2019. *Trachemys adiutrix* (Maranhão Slider). Aestivation and habitat use. **Herpetological Review**, v.50, 604-565.

VIEIRA, C., R.; OLIVEIRA S. A.; FAGUNDES, N. J.R.; **VERRASTRO, L.** 2018. Predation of *Conepatus chinga* (Molina, 1782) (Carnivora, Mephitidae) by *Salvator merianae* (Duméril and Bibron, 1839) (Squamata, Teiidae) on a field area of the state of Rio Grande do Sul, Brazil. **Herpetology Notes**, v.11, 349-351.

OLIVEIRA, M. R.; BRAGHIROL, F. M.; **VERRASTRO, L.**; OLIVEIRA, G. T.. 2018. Seasonal and sexual variation of the intermediate metabolism and body condition indexes in the *Tropidurus catalanensis* lizard (Gudynas and Skuk, 1983) (Squamata: Tropiduridae). **South American**

Journal of Herpetology. v.13, 85-95. doi.org/10.2994/SAJH-D-17-00073.1.

MATIAS, N.R.; **VERRASTRO, L.** 2018. Thermal biology of *Amphisbaena munoai* (Squamata: Amphisbaenidae). **Zoologia**, v.35, 1-9. doi: 10.3897/zoologia.35.e24574.

VERRASTRO, L.; MANEYRO, R.; SILVA, C. M. da; FARIAS, I.. 2017. A new species of lizard of the *L. wiegmannii* group (Iguania: Liolaemidae) from the Uruguayan Savanna. **Zootaxa**, v.4294, 443-461. doi.org/10.11646/zootaxa.4294.4.4.

BRESSAN, F. R.; MATIAS, N.R.; LANG, L.; **VERRASTRO, L.** 2017. *Cercosaura schreibersii* (Schreubers' Many-fingered Teiid). Predation. **Herpetological Review**, v.48, 187-188.

SÁNCHEZ-PACHECO, S.; TORRES-CARVAJAL, O.; AGUIRRE-PENAFIEL, V.; NUNES, P. M. S.; **VERRASTRO, L.**; RIVAS, G. A.; RODRIGUES, M. T.; GRANT, T.; MURPHY, R. W.. 2017. Phylogeny of *Riama* (Squamata: Gymnophthalmidae), impact of phenotypic evidence on molecular datasets, and the origin of the Sierra Nevada de Santa Marta endemic fauna. **Cladistics**. v.33, 1-32. doi: 10.1111/cla.12203.

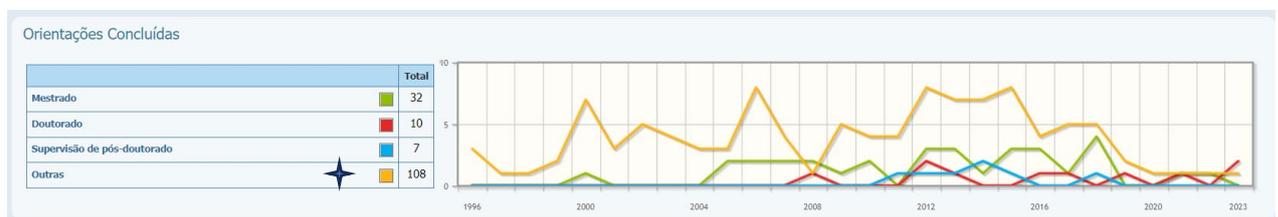
MARTINS, L. F.; GUIMARÃES, M.; **VERRASTRO, L.** 2017. Population Estimates for the Sand Lizard: Contributions to the Conservation of an Endemic Species of Southern Brazil. **Herpetologica** (Austin, TX). v.73, 55-62. doi.org/10.1655/Herpetologica-D-16-00046.1.

VOLKMER, G.; FONTE, L. F. M.; BRUM, F. T.; **VERRASTRO, L.** 2017. Quando e onde vocaliza *Sphaenorhynchus surdus* (Anura: Hylidae) no sul do Brasil? **Iheringia** (serie Zoologia), v.107, 1-8. doi: 10.1590/1678-4766e2017029.

Published book chapters (last 5 years)

LUHESE, S. M.; **VERRASTRO, L.**; DUTRA-ARAÚJO, D.; MEDINA CUNHA, M; MORATO, S.A.A.; KUNZ, T.S.. 2021. **O jacaré-do-papo-amarelo (*Caiman latirostris*) no sul do Brasil: In Tratado de Crocodilianos do Brasil**, edited by André Felipe Barreto-Lima; Marcelo Renan de Deus Santos; Yhuri Cardoso Nóbrega. e ed 1. Vol. 1, 576-589. Vitória: Instituto Marcos Daniel.

GRAPHICAL ABSTRACT



All supervisions at the undergraduate level, namely: Scientific Initiation, Final Course Project, and Extension projects.

Pesquisar as produções a partir do ano: Todos

1996 2000 2004 2008 2012 2016 2020 2023

Todas as Produções

	Total
Orientações Concluídas de Mestrado	32
Orientações Concluídas de Doutorado	10
Orientações Concluídas de Supervisão de Pós-doutorado	7
Trabalhos Publicados em Anais de Evento	4
Resumos Publicados em Anais de Eventos	158
Artigos Completos Publicados em Periódicos	60
Livro ou Capítulo	10
Apresentações de trabalho	43
Trabalhos Técnicos	15
Outras	125

