

Pedro P. G. Tauci, PhD

ASSISTANT PROFESSOR

Biology Department, School of Sciences, São Paulo State University (Unesp)
Av. Eng. Luiz Edmundo Carrijo Coube, 14-01 - Vargem Limpa, Bauru, SP, Brazil, 17033-360

☎ +55 (19) 983 053 225 | ✉ pedrotaucce@gmail.com | 🏠 www.labesta.org | 🌐 http://github.com/pedrotaucce

Education

São Paulo State University (Unesp)

Rio Claro, SP, Brazil

PHD BIOLOGICAL SCIENCES (ZOOLOGY)

2013-2018

- Taxonomic review and phylogenetic study of the *Ischnocnema guentheri* species series (Anura: Brachycephalidae)
- Advisor: Dr. Célio Haddad
- Co-Advisor: Dr. Clarissa Canedo

Federal University of Minas Gerais (UFMG)

Belo Horizonte, MG, Brazil

MSc ZOOLOGY

2011-2013

- Definition and acoustic variation of *Adenomera marmorata* (Anura: Leptodactylidae) and cryptic diversity of the genus *Adenomera* in the Brazilian Atlantic forest
- Advisor: Dr. Paulo Garcia

Federal University of Minas Gerais (UFMG)

Belo Horizonte, MG, Brazil

BSc BIOLOGICAL SCIENCES

2005-2009

- Minor in Education
- Advisor: Dr. Paulo Garcia

Current Position

São Paulo State University (Unesp)

Bauru, SP, Brazil

ASSISTANT PROFESSOR

2024-present

- Professor of Vertebrate Zoology at the Biology Department, School of Sciences

Appointments

2024	Visiting Researcher , Department of Animal Biology, State University of Campinas (Unicamp), Campinas, SP, Brazil. Supervisor: Dr. Felipe Toledo
2021-2023	Postdoctoral Researcher , Biodiversity Coordination, National Institute of Amazonian Research (INPA), Manaus, AM, Brazil. Supervisor: Dr. Fernanda Werneck
2021	Postdoctoral Researcher , Graduate Program in Tropical Biodiversity, Federal University of Amapá (UNIFAP), Macapá, AP, Brazil. Supervisor: Dr. Fernanda Michalski
2019-2021	Postdoctoral Researcher , Biodiversity Dept., São Paulo State University (UNESP), Rio Claro, SP, Brazil. Supervisor: Dr. Celio Haddad
2017	Visiting Doctoral Scholar (São Paulo Research Foundation, FAPESP) , Biology Dept., The City College of New York (CCNY), New York, NY, USA. Supervisor: Dr. Michael Hickerson
2015	Visiting Doctoral Scholar (São Paulo Research Foundation, FAPESP) , Herpetology Section, Vertebrate Institute, Miguel Lillo Foundation, San Miguel de Tucumán, TU, Argentina. Supervisor: Dr. Florencia Vera-Candioti
2009-2010	Undergraduate Teaching Assistant , Zoology Dept., Biological Sciences Institute, Federal University of Minas Gerais, (UFMG), Belo Horizonte, MG, Brazil. Supervisor: Dr. Alfredo Wieloch

Languages

Portuguese (native), English (fluent), Spanish (fluent)

Programming Languages

R (proficient), Bash (familiar), Python (basic), \LaTeX (basic)

Publications

PEER-REVIEWED PUBLICATIONS IN SCIENTIFIC JOURNALS

21. Bovolon JP, Aranha N, **Taucci PPG**, Nunes-de-Almeida CHL, Toledo LF. A new population of the threatened torrent-frog *Hylodes szaimai* and other possible suitable sites based on ecological niche modeling. *Journal for Nature Conservation* **Submitted**.
20. Oliveira APV, D'Angiolella A, Azevedo JAR, Vitt LJ, Colli GR, Choueri EHL, Gamble T, **Taucci PPG**, Rodrigues MT, Noonan B, Ávila-Pires TCS, Werneck FP. The influence of historical climate cycles on the diversification and demography of species from the Neotropical lizard group *Anolis chrysolepis*. *Biological Journal of the Linnean Society* **Submitted**.
19. Cassini CS, Carvalho TR, **Taucci PPG**, Haddad CFB, Solé M. Unexplored urban diversity: a new species of *Adenomera* (Anura, Leptodactylidae) related to *A. ajurauna* from the Atlantic Forest of southeastern and southern Brazil. *Herpetologica* 80, 275-290.
18. Brunes TO, Pinto FCS, **Taucci PPG**, Santos MTT, Nascimento LB, Carvalho DC, Oliveira G, Vasconcelos S, Leite FSF. 2023. Traditional taxonomy underestimates the number of species of *Bokermannohyla* (Amphibia: Anura: Hylidae) diverging in the mountains of southeastern Brazil since the Miocene. *Systematics and Biodiversity* 21, 2156001.
17. Andrade P, Lyra ML, Zina J, Bastos DFO, Brunetti AE, Baeta D, Afonso S, Brunes TO, **Taucci PPG**, Carneiro M, Haddad CFB, Sequeira F. 2022. Draft genome and multi-tissue transcriptome assemblies of the Neotropical leaf-frog *Phyllomedusa bahiana*. *Genes, Genomes, Genetics* 12, jkac270 (**cover**).
16. **Taucci PPG**, Costa-Campos CE, Carvalho TR, Michalski F. 2022. Anurans (Amphibia: Anura) of the Brazilian state of Amapá, eastern Amazonia: species diversity and knowledge gaps. *European Journal of Taxonomy* 836, 96–130.
15. Motta AP, **Taucci PPG**, Haddad CFB, Canedo C. 2021. A new terraranan genus from the Brazilian Atlantic Forest with comments on the systematics of Brachycephaloidea (Amphibia: Anura). *Journal of Zoological Systematics and Evolutionary Research* 59, 663–679.
14. **Taucci PPG**, Costa-Campos CE, Haddad CFB, Carvalho TR. 2020. A new Amazonian species of the diminutive frog genus *Adelophryne* (Anura: Brachycephaloidea: Eleutherodactylidae) from the state of Amapá, northern Brazil. *Copeia* 108, 746–757.
13. Vera-Candioti F, Goldberg J, Akmentis M, Nogueira-Costa P, **Taucci PPG**, Pombal Jr JP. 2020. Skeleton in the closet: hidden diversity in patterns of cranial and postcranial ontogeny in neotropical direct-developing frogs (Anura: Brachycephaloidea). *Organism Diversity and Evolution* 20, 763–783.
12. **Taucci PPG**, Nascimento JS, Trevisan CC, Leite FSF, Santana DJ, Haddad CFB, Napoli MF. 2020. A new rupicolous species of the *Pristimantis conspicillatus* group (Anura: Brachycephaloidea: Craugastoridae) from central Bahia, Brazil. *Journal of Herpetology* 54, 245–257.
11. Cassini CS*, **Taucci PPG***, Carvalho TR, Fouquet A, Solé M, Haddad CFB, Garcia PCA. 2020. One step beyond a broad molecular phylogenetic analysis: species delimitation of *Adenomera marmorata* Steindachner, 1867 (Anura: Leptodactylidae). *PLoS ONE* 15, e0229324. ***Equal contributors**.
10. Goldberg J, **Taucci PPG**, Quinzio SI, Haddad CFB, Vera-Candioti F. 2020. Increasing our knowledge on direct-developing frogs: the ontogeny of *Ischnocnema henselii* (Anura: Brachycephalidae). *Zoologischer Anzeiger* 248, 78–87.
9. **Taucci PPG**, Zaidan BF, Zaher H, Garcia PCA. 2019. A new species of *Ischnocnema* Reinhardt and Lütken, 1862 (Anura: Brachycephalidae) of the *I. lactea* species series from southeastern Brazil. *Zootaxa* 4706, 531–545.
8. Carvalho TR, Cassini CS, **Taucci PPG**, Haddad CFB. 2019. A new morphologically cryptic species of *Adenomera* closely related to *A. araucaria* from the Atlantic Forest of southern Brazil (Anura, Leptodactylidae). *Journal of Herpetology* 53, 131–143.
7. **Taucci PPG**, Canedo C, Parreiras JS, Drummond LO, Nogueira-Costa P, Haddad CFB. 2018. Molecular phylogeny of *Ischnocnema* (Anura: Brachycephalidae) with the redefinition of its series and the description of two new species. *Molecular Phylogenetics and Evolution* 128, 123–146.
6. **Taucci PPG**, Canedo C, Haddad CFB, Lemmon AR, Moriarty Lemmon E, Vences M, Lyra ML. 2018. The mitochondrial genomes of five frog species of the Neotropical genus *Ischnocnema* (Anura: Brachycephaloidea: Brachycephalidae). *Mitochondrial DNA Part B: Resources* 3, 915–917.
5. **Taucci PPG**, Canedo C, Haddad CFB. 2018. Two new species of *Ischnocnema* (Anura: Brachycephalidae) from southeastern Brazil and their phylogenetic position within the *I. guentheri* series. *Herpetological Monographs* 32, 1–21 (**cover**).
4. **Taucci PPG**, Pinheiro PDP, Leite FSF, Garcia PCA. 2015. Advertisement call and morphological variation of the poorly known and Endemic *Bokermannohyla juiju* Faivovich, Lugli, Lourenço and Haddad, 2009 (Anura: Hylidae) from Central Bahia, Brazil. *Zootaxa* 3915, 99–110.

3. Pinheiro PDP, **Taucce PPG**, Leite FSF, Garcia PCA. 2014. The call of the narrowly endemic *Bokermannohyla martinsi* (Bokermann, 1964) (Anura: Hylidae) from southern Espinhaço range, southeastern Brazil. *Zootaxa* 3815, 147–150.
2. **Taucce PPG**, Leite FSF, Santos PS, Feio RN, Garcia PCA. 2012. The advertisement call, color patterns, and distribution extension of *Ischnocnema izecksohni* (Caramaschi and Kisteumacher, 1989) (Anura, Brachycephalidae). *Papéis Avulsos de Zoologia* 52, 111– 119.
1. Melo MC, **Taucce PPG**, Borba EL. 2011. Reproductive biology and isolation mechanisms in rupicolous species of the *Acianthera prolifera* complex (Orchidaceae) occurring in southeastern Brazil. *Plant Systematics and Evolution* 293, 161–176.

BOOK CHAPTERS

1. Ferreira RB, Mônico AT, Cruz CAG, Guidorizzi CE, Zocca C, Canedo C, Ornelas IS, Oliveira JCF, Tonini JFR, Lacerda JVA, Toledo LF, Peloso PLV, **Taucce PPG**, Lourenço-de-Moraes R, Silva-Soares T, Verdade VK, Pertel W. 2019. *Threatened amphibians in the State of Espírito Santo, Brazil*. In: Fraga CN, Formigoni MH, Chaves FG. (Eds.) *Threatened fauna and flora in the state of Espírito Santo*. Santa Teresa, Instituto Nacional da Mata Atlântica. pp. 256–269 (book published in Portuguese).

Awards, Fellowships, & Grants

2023	Best Picture Award , Brazilian Society of Herpetology (SBH)	
2023	Finalist with Extra Honors (Photo Contest) , Save the Frogs	
	Postdoctoral Fellowship , National Council for Scientific and Technological Development (CNPq), Brazil	\$13,500*/year
2022	Postdoctoral Fellowship , Amazonas State Research Support Foundation (FAPEAM), Brazil	\$12,400*/year
2021	Postdoctoral Fellowship , CNPq	\$9,000*/year
	Postdoctoral Fellowship , Coordination for the Improvement of Higher Education Personnel (CAPES), Brazil	\$9,000*/year
	Small Grants Program for Local and Regional Outreach Promoting the Understanding of Evolutionary Biology , Society for the Study of Evolution, USA	\$480
2019	Postdoctoral Fellowship , São Paulo Research Foundation (FAPESP), Brazil	\$25,400*/year
2017	Visiting Doctoral Scholar Fellowship , FAPESP	\$14,220
2015	PhD Fellowship , FAPESP	\$17,900*/year
2013	PhD Fellowship , CNPq	\$13,500*/year
2011	MSc Fellowship , Capes	\$9,400*
2009	Teaching Assistant Scholarship , Pró-Reitoria de Graduação da UFMG, Brazil	\$1,800*

*Exchange rate (BRL to USD) at the beginning of the implementation of the grant

Selected Presentations

* presenting author; + mentored undergraduate

CONFERENCES

- Taucce PPG***, Choueri EHL, Azevedo JAR, Werneck FP. 2023. *Unveiling the historical biogeography of the Amazon basin through demographic changes in lizard and anuran populations*. In: X Brazilian Congress of Herpetology, Porto Seguro, Brazil. Oral Presentation.
- Roberto LP**, Sabbag AF, Haddad CFB, **Taucce PPG**. 2019. *Characterization of chigger parasitism in Cycloramphidae (Amphibia: Anura)*. In: IX Brazilian Congress of Herpetology, Campinas, Brazil. Poster Presentation.
- Roberto LP**, **Taucce PPG**, Martins TF, Munoz-Leal S, Labruna MB, Haddad CFB. 2019. *Occurrence of Ticks (Argasidae: Ornithodoros) in Cycloramphus eleutherodactylus (Anura: Cycloramphidae)*. In: IX Brazilian Congress of Herpetology, Campinas, Brazil. Poster Presentation

Taucce PPG*, Pinto FCS, Leite FSF, Santiago PCS, Nascimento LB. 2019. *Diversification of Bokermannohyla nanuzae, a frog from mountainous regions of southeastern Brazil*. In: XX Argentinean Congress of Herpetology, San Juan, Argentina. Oral Presentation

Taucce PPG*, Hickerson MJ, Canedo C, Lyra ML, Gehara M, Lemmon AR, Lemmon EM, Vences M, Haddad CFB. 2017. *Integrative taxonomic review of the Ischnocnema guentheri (Anura: Brachycephalidae) species complex using targeted next-generation DNA sequencing*. In: XI Latin American Congress of Herpetology, Quito, Ecuador. Oral Presentation

INVITED TALKS

Taucce PPG. 2023. *The multiple faces of the Amazon: Biogeography and ecosystem diversity in the world's largest tropical rainforest*. Conservation and Forest Panel, XXIX Environmental Awareness Week, Pontifical Catholic University of Rio de Janeiro, Rio de Janeiro, Brazil

Taucce PPG. 2023. *Climatic emergency and the dynamics of the Amazonian landscape: A lesson from amphibians and reptiles*. Biology Dept., Pontifical Catholic University of Rio de Janeiro, Rio de Janeiro, Brazil

Teaching & Academic Contributions

GRADUATE COURSES

Nov/2023	Model-Based Phylogeography , Co-professor: Graduate Program in Ecology, National Institute of Amazonian Research (INPA), Manaus, Brazil
Sep/2023	Amazon Forest Ecology , Co-professor: Graduate Program in Ecology, National Institute of Amazonian Research (INPA), Manaus, Brazil
May/2023	Evolutionary Biology , Co-professor: Graduate Program in Genetics, Conservation, and Evolutionary Biology (GCBEv), National Institute of Amazonian Research (INPA), Manaus, Brazil
May/2023	Ecology and Evolution , Co-professor: Graduate Program in Zoology (PPGZOO), Federal University of Amazonas (UFAM), Manaus, Brazil
May/2022	Evolutionary Biology , Co-professor: GCBEv-INPA, Manaus, Brazil
May/2022	Ecology and Evolution , Co-professor: PPGZOO-UFAM, Manaus, Brazil
Apr/2021	Systematics and Evolution , Co-professor: Graduate Program in Tropical Biodiversity, Federal University of Amapá (UNIFAP), Macapá, AP, Brazil

UNDERGRADUATE COURSES

2009-2010	Vertebrate Zoology , Teaching Assistant: Undergraduate Program in Biological Sciences, Federal University of Minas Gerais (UFMG), Belo Horizonte, Brazil
2009	Herpetology , Teaching Assistant: Undergraduate Program in Biological Sciences, UFMG, Belo Horizonte, Brazil

INVITED LECTURES

Jan/2020	Molecular characters in phylogenetic systematics , II Summer Course in Zoological Systematics, Zoology Dept., UFMG, Belo Horizonte, Brazil
Jan/2020	Optimality criteria in phylogenetic systematics: Maximum likelihood and Bayesian inference , II Summer Course in Zoological Systematics, Zoology Dept., UFMG, Belo Horizonte, Brazil

ROUNDTABLES

Aug/2024	Science Communication & Public Engagement , XI Comparative Biology Meeting, University of São Paulo (USP), Ribeirão Preto, SP, Brazil
Jun/2023	Conservation and Forests , XXIX Environmental Awareness Week, Pontifical Catholic University of Rio de Janeiro, Rio de Janeiro, Brazil

SHORT COURSES

Jul/2019	Basic concepts in software for molecular phylogeny (7 hours) , Instructor: IX Brazilian Congress of Herpetology, Campinas, Brazil
Dec/2018	Basic concepts in software for molecular phylogeny (12 hours) , Instructor: V Symposium in Zoological Systematics, UFMG, Belo Horizonte, Brazil
Oct/2011	Fundamentals of anuran systematics (7 hours) , Instructor: Faculty of Philosophy, Sciences, and Languages of Alto São Francisco, Luz, MG, Brazil

Mentoring

GRADUATE STUDENTS

2023-present	Alessandra de Araújo Rodrigues , Graduate Program in Ecology (Master's), National Institute of Amazonian Research (INPA), Manaus, Brazil (co-advisor)
2022-2024	Fernanda Larissa Gonzaga Penaforte , Graduate Program in Zoology (Master's), Federal University of Amazonas (UFAM), Manaus, Brazil (co-advisor)

UNDERGRADUATE STUDENTS

2023-2024	Gabriela Barbosa de Magalhães , Undergraduate Research Program (PIBIC), INPA, Manaus, Brazil
2016-2018	Lucas Palandi Roberto , Undergraduate Program in Biological Sciences, São Paulo State University (UNESP), Rio Claro, Brazil (co-advisor)

Outreach, Service, & Field Work

OUTREACH

2020-present	Member of 'Dragões de Garagem', a general science outreach podcast , content producer, listener engagement manager, and co-host
2020-2021	Member of 'Papagaio de Primata', a biodiversity and conservation focused podcast , content producer and listener engagement manager
2019-2021	Member of Cururu Project, aimed at informing people about the importance of amphibians , content producer and co-maintainer

COMMITTEE MEMBER

Member of the defense committee of PhD (2), Master's (6) and undergraduate (1) students.

EDITORIAL BOARD MEMBER

2022-present	Associate Editor , The Herpetological Journal, the British Herpetological Society (BHS)
2021-2024	Subject Editor , Zoosystematics and Evolution, Museum für Naturkunde, Berlin
2021-2024	Subject Editor , Neotropical Biology and Conservation, Pensoft Publishers

PEER REVIEW

Peer reviewer for 23 papers in 15 journals: Biological Journal of the Linnean Society (1), European Journal of Taxonomy (2), Herpetologica (1), Ichthyology and Herpetology (1), Journal of Evolutionary Biology (1), Journal of Experimental Zoology Part B: Molecular and Developmental Evolution (1), MG.Biota (1), Molecular Phylogenetics and Evolution (2), PeerJ (2), Phyllomedusa (2), South American Journal of Herpetology (1), Studies on Neotropical Fauna and Environment (1), Vertebrate Zoology (2), Zoologischer Anzeiger (1), Zootaxa (4).

PROFESSIONAL MEMBERSHIPS

- Sociedade Brasileira de Herpetologia (Brazilian Herpetological Society)
- British Herpetological Society
- Sociedade Brasileira de Biologia Evolutiva (Brazilian Society of Evolutionary Biology)