

**PEDRO LUIZ VIEIRA PELOSO**

## CURRICULUM VITAE

Fulbright and CAPES Scholar

Division of Vertebrate Zoology (Herpetology)

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**EDUCATION**

**2010-current** PhD in Comparative Biology. American Museum of Natural History, Richard Gilder Graduate School, New York, NY, USA

**2007-2009** M.Sc. Zoology. Museu Paraense Emílio Goeldi / Universidade Federal do Pará, Belém, Pará, Brazil (2009).

Thesis: Variação geográfica e taxonomia do lagarto *Ptychoglossus brevifrontalis* (Squamata, Gymnophthalmidae). “*Geographical variation and taxonomy of the lizard Ptychoglossus brevifrontalis (Squamata, Gymnophthalmidae).*”

**2003-2007** B.S. Biological Sciences. Universidade Federal do Espírito Santo, Vitória, Espírito Santo, Brazil (2007).

**AWARDS**

**2009** Master dissertation approved with honors.

**2006** Best student work presented as poster. XXVI Congresso Brasileiro de Zoologia (“Brazilian Congress of Zoology”).

**PEER REVIEWED ARTICLES PUBLISHED**

**Peloso, P.L.V.**, M. Forlani, A.P. Motta, P. Gaucher, & M.J. Sturaro. (in review) A taxonomic assessment of the genus *Chiasmocleis* méhely 1904. (Anura, Microhylidae) in the Amazon basin and Guiana Shield, with descriptions of three new species. Submitted to the Bulletin of the American Museum of Natural History.

Sturaro, M.J., **P.L.V. Peloso** & Hoogmoed, M.S. (in review). A new species of treefrog of the genus *Scinax* Wagler, 1830 (Anura: Hylidae) from the middle Amazon river basin, Brazil. Submitted to Copeia.

Simões, P.I.; Sturaro, M.J.; **Peloso, P.L.V.**; Lima, A.P. 2013. A new diminutive species of *Allobates* Zimmermann and Zimmermann, 1988 (Anura, Aromobatidae) from the northwestern Rio Madeira Rio Tapajós interfluvium, Amazonas, Brazil. Zootaxa, 3609, 251-273.

Maciel, A.O., Hoogmoed, M.S. & **P.L.V. Peloso**. 2012. Variation in the glossal skeleton arrangement of *Rhinatrema* *ron* Wilkinson & Gower, 2010 (Gymnophiona: Rhinatrematidae) and its systematic implications. Salamandra, 48, 224-226.

**Peloso, P.L.V.**, J. Faivovich, T. Grant, J.L. Gasparini, & C.F.B. Haddad. 2012. An extraordinary new species of *Melanophryniscus* (Anura, Bufonidae) from southeastern Brazil. American Museum Novitates, 3762, 1-31.

**Peloso, P.L.V.**, K.C.M. Pellegrino, M.T. Rodrigues, T.C.S. Avila-Pires. 2011. Description and phylogenetic relationships of a new genus and species of lizard (Squamata, Gymnophthalmidae) from the Amazonian Rainforest of Northern Brazil. American Museum Novitates, 3713, 1-24.

Forlani, M.C., P.H. Valdujo, D. Pavan, A.O. Maciel & **P.L.V. Peloso**. 2011. Review of the geographical distribution of the white-spotted frog *Chiasmocleis albopunctata* (Boettger, 1885) (Anura, Microhylidae). Biota Neotropica, 11, 1-5.

Almeida, A.P., J.L. Gasparini & **P.L.V. Peloso**. 2011. Frogs of the state of Espírito Santo, southeastern Brazil - The need for looking at the coldspots. Check List, 7, 542-560.

- Peloso, P.L.V.** 2010. A safe place for amphibians? A cautionary tale on the taxonomy and conservation of frogs, caecilians, and salamanders in the Brazilian Amazonia. *Zoologia*, 27, 667-673.
- Barros, F.B., **P.L.V. Peloso**, L. Vicente, H.M. Pereira & M.J. Sturaro. 2010. The advertisement call of the Narrow-mouthed frog *Chiasmocleis avilapiresae* Peloso & Sturaro, 2008 (Amphibia, Anura, Microhylidae). *Zootaxa*, 2657, 66-68.
- Peloso, P.L.V.** & T.C. Ávila-Pires. 2010. Morphological variation in *Ptychoglossus Brevifrontalis* Boulenger, 1912 and the status of *Ptychoglossus nicefori* (Loveridge, 1929) (Squamata, Gymnophthalmidae). *Herpetologica*, 2: 59-62.
- Peloso, P.L.V.**, M.J. Sturaro, G.F. Maschio, F.S. Rodrigues, & A.L.C. Prudente. 2009. New records and distribution of the Toady leaf frog *Phyllomedusa atelopoides* (Anura, Hylidae). *Herpetology Notes*, 2: 59-62.
- Peloso, P.L.V.**, M.J. Sturaro. 2008. A new species of narrow-mouthed frog of the genus *Chiasmocleis* Méhely 1904 (Anura, Microhylidae) from the Amazonian rainforest of Brazil. *Zootaxa*, 1947, 39-52.
- Peloso, P.L.V.**, C.F.D. Rocha, S.E. Pavan & S.L. Mendes. 2008. Activity and microhabitat use by the endemic Whiptail lizard *Cnemidophorus nativo* (Teiidae) in a restinga habitat (Setiba) in the state of Espírito Santo. *South American Journal of Herpetology*, 3, 89-95.
- Gasparini, J.L., **P.L. Peloso** & I. Sazima, I. 2007. New opportunities and hazards brought by humans to the island habitat of the skink *Euprepis atlanticus*. *Herpetological Bulletin*, 100, 30-33.
- Peloso, P.L.V.** & V.P. Souza. 2007. Predation on *Todirostrum cinereum* (Tyrannidae) by the orb-web spider *Nephilegys cruentata* (Aranae, nephilidae). *Ararajuba. Revista Brasileira de Ornitologia*, 15, 461-463.
- Peloso, P.L.V.** & J.L. Gasparini. 2006. Amphibia, Anura, Hylidae, *Dendropsophus ruschii* (Weygoldt & Peixoto, 1987): rediscovery of Ruschi's treefrog in an Atlantic Rainforest remnant in Espírito Santo, Brazil. *Check List*, 2, 38-40.

#### NON-PEER REVIEWED ARTICLES

- Peloso, PLV.** 2009. *Chiasmocleis avilapiresae*. In: IUCN 2010. IUCN Red List of Threatened Species. Version 2010.3. <[www.iucnredlist.org](http://www.iucnredlist.org)>.
- Peloso, P.L.V.** & S.E. Pavan. 2007. *Cnemidophorus nativo* (Predation). *Herpetological Review*, 38, 451-452.
- Gasparini J.L., **P.L.V. Peloso**. 2007. *Tropidurus torquatus* (Diet). *Herpetological Review*, 38, 464.
- Peloso, P.L.V.** & S.E. Pavan. 2007. *Megaelosia apuana* (Prey). *Herpetological Review*, v. 38, 188.
- Gasparini, J.L., A.P. Almeida & **P.L.V. Peloso**. 2005. Lagartinho-de-Linhares ou lagartinho-listrado, *Cnemidophorus nativo*. *Revista Habitat* (79): 42-45 (in portuguese)

#### FELLOWSHIPS AND GRANTS

- 2013** Doctoral Dissertation Improvement Grant: National Science Foundation (\$20766)
- 2011** Theodore Roosevelt Memorial Grant (US\$ 1834)
- 2010-current** Graduate Fellowship: Richard Gilder Graduate School at the American Museum of Natural History
- 2010-current** Graduate Fellowship: Fulbright Comission / Coordenação de Pessoal de Nível Superior
- 2008** Short Term Visit Award. Smithsonian Institution (US\$ 4000).
- 2007-2009** Graduate fellowship: Conselho Nacional de Pesquisa e Desenvolvimento (CNPq).
- 2005-2006** Undergraduate fellowship: Conselho Nacional de Pesquisa e Desenvolvimento (CNPq)
- 2004-2005** Undergraduate fellowship: Conselho Nacional de Pesquisa e Desenvolvimento (CNPq)

#### PROFESSIONAL AFFILIATIONS

Active member of Conselho Nacional de Biologia (CRBio2), Sociedade Brasileira de Zoologia (Brazilian Society of Zoology); Sociedade Brasileira de Herpetologia (Brazilian Society of Herpetology); American Society of Ichthyologists and Herpetologists; Society of Systematic Biologists

**LANGUAGES**

Portuguese (native): fluent; English: fluent; Spanish: semi-fluent

**SYNERGISTIC ACTIVITIES**

- Anonymous reviewer for peer review journals – Biotemas, Checklist, Journal of Herpetology, South American Journal of Herpetology Zoologia and Zootaxa,
- Area editor for CheckList: Journal of Species Lists and Distributions
- Mentoring of two Latin-American (Brazil) volunteers at the Division of Vertebrate Zoology, American Museum of Natural History
- Member of professional societies: Sociedade Brasileira de Zoologia (SBZ), Sociedade Brasileira de Herpetologia (SBH),

**PRESENTATIONS**

- Over 10 presentations in conferences and meetings in form of poster and oral (mainly Congresses of Zoology and Herpetology)
- Invited talk. Presentation on amphibian and reptiles threatened with Extinction in southeastern Brazil – Conservation International, Washington, D.C.
- Presentation at the Annual Member's Open House event at American Museum of Natural History
- Presentation for K-12 kids at the Herpetology Junior Club – Fauna LLC, New York, NY

**FIELD WORK EXPERIENCE**

Experience in short and long term biodiversity surveys. Experience with acoustic surveys of amphibians, including recordings of material for posterior acoustic analysis.  
Vast experience in collection and preservation protocols for preparing amphibians and reptiles.  
Experience in collecting and preserving tissue samples for DNA work.  
Fieldtrip in remote sites and adverse.

*South America.* Brazil: Amazonia (states of Acre, Amazonas, Pará, Roraima), Atlantic Rainforest (Bahia, Espírito Santo, São Paulo), Cerrado (Tocantins, Maranhão), Caatinga (Piauí).

*Southeast Asia.* Vietnam: Bihn Thuận province. India: Western Ghats.

**ENVIRONMENTAL ASSESSMENTS**

**Environmental Impact Assessments (EIA)**

- 2010 - Usina Termoelétrica do Parnaíba, Brazil (principal investigator);
- 2009 - Usina Hidroelétrica do Parnaíba, Brazil (team member and principal investigator);
- 2008 - Usina Hidroelétrica de Belo Monte, Brazil (team member);
- 2006-2007 - Expansion of the airport in the city of Vitória, ES, Brazil (team member);

**Species monitoring**

2006-2007 – Population fluctuations of the whiptail lizard *Cnemidophorus natio* in a coastal environment in Brazil.

**GENERAL INTERESTS**

Amphibian and reptile systematics and evolution. Phylogenetics. Biogeography. Zoological Nomenclature. Conservation Biology.

