

SHORT CURRICULUM VITAE



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EDUCATION

- 2019 – present** Ph.D. student in Environmental Sciences and Conservation, NUPEM/UFRJ, Brazil.
- 2016 – 2018** Master in Zoology, Museu Nacional, Universidade Federal do Rio de Janeiro, Brazil
- 2010 – 2015** Degree in Biological Sciences, Universidade Federal do Rio de Janeiro, Brazil.

PROFILE

My interest in fish evolution began during my undergraduate project as a student at the Museu Nacional do Rio de Janeiro (MNRJ, Brazilian Nation Museum of Natural History). During this period (2012 – 2015), I carried out various studies of freshwater fish, including some ichthyological surveys and also a research related to morphology and phylogeny of the armored catfishes superfamily (Loricarioidea). This research was awarded the MNRJ's best undergraduate research in 2014 and naturally triggered my interest in the patterns and processes that may help to hypothesize the history of the evolutionary relationships of a group of organisms.

For the master's degree (2016 – 2018, Zoology - MNRJ), I changed my environment and migrated to the sea. The research aimed to investigate the population structure and the phylogeographic history of a reef fish species with broad and disjunct distribution, *Scartella cristata*. To this, I broadened the focus of my researcher, using molecular markers data in addition to the traditional morphological characters. I show that the distribution pointed to *S. cristata* was artificial and that there was a lineage complex identified as *S. cristata*, and a peculiar genetic connection between one lineage from south Brazil and the Eastern Atlantic.

Currently, I am a Ph.D. student at the Federal University of Rio de Janeiro (UFRJ), under the co-advisorship of Dr. Fabio Di Dario (Federal University of Rio de Janeiro – UFRJ), and Dr. Sergio R. Floeter (Federal University of Santa Catarina – UFSC). The central objective of my Ph.D. project is to understand and clarify the processes that have shaped the evolutionary history of some cryptobenthic reef fish clades, evaluating the possible influence of anthropic activities biogeographic patterns of these clades. Given the temporal and spatial scales involved, genomic data acquisition through massive sequencing parallel (Next-generation sequencing, NGS) will be used.



Figure 1. From left to right: collecting freshwater fishes in Tinguá (RJ); a remarkable catfish; collecting reef fishes on rocky shores in Arraial do Cabo (RJ); collecting cryptobenthic reef fishes in Salvador (BA).

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PEER REVIEW PUBLICATIONS

Araujo, G. S., Vasconcellos, A., Britto, M. R., Bernardi, G., von der Heyden, S., Levy, A., Floeter, S. R. Phylogeny of the combtooth blenny genus *Scartella* Jordan, 1886 (Blenniiformes: Blenniidae) reveals several cryptic lineages and a trans-Atlantic relationship. *Zoological Journal of the Linnean Society*, 2020.

Almeida, D. F., **Araujo, G.S.**, Britto, M.R., Sampaio, C. L. S. *Elacatinus figaro* Sazima, Moura & Rosa, 1997 (Gobiiformes: Gobiidae): Distribution extension of a Brazilian endangered endemic reef fish with comments on south-western Atlantic Ocean biogeography. *Marine Biodiversity Records*. v.9, p.59. 2016.

OTHER RELEVANT INFORMATION

JOURNAL REVIEWER

- Conservation Genetics

TEACHING EXPERIENCE

- University of Northern Paraná, UNOPAR
- “Cisne Branco” Course
- Preparatory Course “Passei”

CO-ADVISOR IN MONOGRAPHS

- Ingrid Garantizado (UERJ). Filogenia molecular do gênero cosmopolita de moreias *Myrichthys*.
- Yan Kurtz (UERJ). Identificação espécie-específica de carne de rã e derivados comercializados no Brasil através do sequenciamento de DNA.

AWARDS

- Best student presentation of “XXXVI Jornada Giulio Massarani de Iniciação Científica, Tecnológica, Artística e Cultural / UFRJ” – National Museum, UFRJ.

LANGUAGES

- Portuguese (native language)
- English (intermediate reading, speaking, and writing)

DIVING QUALIFICATIONS

- PADI Open water diver and Advanced