

CURRICULUM VITAE

PERSONAL INFORMATION

Complete name Genivaldo Alves da Silva
Place and Date of Birth Poxoreo (MT, Brazil), September 19, 1991
Occupation: Postdoctoral research
Nationality: Brazilian
Institutional Mailing Address Universidade Federal de Santa Catarina, Botany Department – Mycology Lab, MIND.Funga. Campus Universitário Prof. João David Ferreira Lima, Trindade, CEP 88040-900, Florianópolis, SC, Brasil.
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ACADEMICS

PhD in Botany, Departamento de Botânica, Instituto de Biociências, Universidade Federal do Rio Grande do Sul. (Porto Alegre, Brazil)

April 2016-May 2020.

THESIS: Taxonomia e Filogenia de *Fomitiporia* (Hymenochaetaceae, Basidiomycota) no Brasil (Taxonomy and Phylogeny of *Fomitiporia* (Hymenochaetaceae, Basidiomycota) in Brazil).

Master in Biology of Fungi, Algae and Plants. Departamento de Botânica, Centro de Ciências Biológicas.

Universidade Federal de Santa Catarina (Florianópolis, Brazil)

March 2014-April 2016

THESIS: Sistemática de *Fomitiporia* Murril (Hymenochaetaceae, Basidiomycota): contribuições taxonômicas ao conhecimento de espécies pileadas ocorrentes no Brasil.

Bachelor of Science Biology. Ciências Biológicas, Faculdade de Ciências Humanas, Biológicas e da Saúde. Universidade de Cuiabá (Primavera do Leste, Brasil).

March 2010-December 2013

THESIS: Aspectos ecológicos sobre a diversidade de fungos poliporoides do Parque Nacional da Chapada dos Guimarães-MT (sitio Vêu da Noiva).

FINANCIAL SUPPORTS AND AWARDS

Conselho Nacional de Desenvolvimento Científico e Tecnológico (CNPq-Brazil)

Postdoc fellowship – July 2022-June 2023

Mohamed bin Zayed Species Conservation Fund

MBZ project 202524755, entitled “Conservation of mountain biodiversity: efforts to understand *Fomitiporia nubicola* distribution, a Drimys exclusive fungus from threatened Cloud Forest.” – January 2021-June 2022

Coordenação de Aperfeiçoamento de Pessoal de Nível Superior (CAPES-Brazil)

Master and PhD scholarships – March 2014-May 2020

Systematics Research Fund (Linnean Society of London and the Systematics Association)

Awarded to do molecular analyses in PhD degree – May 2019

IDEA WILD

Equipment granted – August 2018

PUBLICATIONS

Funez LA, Monteiro M, Costa-Rezende DH, Alves-Silva G, Drechsler-Santos ER. (2023) ***Rickenella fibula* (Repetobasidiaceae: Basidiomycota): a tiny species with large distribution also occurs in Brazil**. *Iheringia, Série Botânica*, 78. [doi:10.21826/2446-82312023v78e2023008]

Endres Júnior D, Alves-Silva G, Sasamori MH, Silveira RMB, Droste A. (2023) **Successful *Tulasnella amonilioides* isolation from wild *Cattleya intermedia* and effectiveness of the mycobiont on in vitro propagation of this threatened Orchidaceae**. *Journal of Environmental Analysis and Progress*, 8(1), 009–029. [doi:10.24221/jeap.8.1.2023.5160.009-029]

Costa-Rezende DH, Martins-Cunha K, Monteiro M, Alves-Silva G, Drechsler-Santos ER, Fernandes GW, Góes-Neto A (2023) **Lost in the Voidness of the Atlantic Ocean: a Synthesis of Publication Trends, Biological Diversity, and Conservation in Trindade Island**. *Revista Biodiversidade Brasileira*, v. 13 n. 1. [doi:10.37002/biobrasil.v13i1.2201]

Mueller GM, Cunha KM, May TW, Allen JL, Westrip JR, Canteiro C, Costa-Rezende DH, Drechsler-Santos ER, Vasco-Palacios AM, Ainsworth AM, Alves-Silva G, et al. (2022) **What do the first 597 global fungal red list assessments tell us about the threat status of fungi?** *Diversity*, 14(9):736. [doi:10.3390/d14090736]

Magnago AC, Alves-Silva G, Henkel TW, da Silveira RM. (2022) **New genera, species, and combinations of Boletaceae from Brazil and Guyana**. *Mycologia*, 114(3):607-25. [doi:10.1080/00275514.2022.2037307]

IUCN assessments: See <https://scholar.google.com/citations?user=4FfZ404AAAAJ&hl=en>

Alves-Silva G, Reck MA, Silveira RMB, et al. (2020) **The Neotropical *Fomitiporia* (Hymenochaetales, Basidiomycota): the redefinition of *F. apiahyna* s. s. allows revealing a high hidden species diversity**. *Mycol Prog.* (in press) [doi: 10.1007/s11557-020-01593-5].

Alves-Silva G, Drechsler-Santos ER, Silveira RMB Da (2020) **Bambusicolous *Fomitiporia* revisited: multilocus phylogeny reveals a clade of host-exclusive species**. *Mycologia*, v.122(3), 633-648. [doi: 10.1080/00275514.2020.1741316].

Magnago AC; Alves-Silva G; Neves MA; Silveira RMB. (2018) **A new species of *Gyroporus* (Gyroporaceae, Boletales) from Atlantic Forest in Southern Brazil**. *NOVA HEDWIGIA*, V.107(3-4), 291-301. [doi:10.1127/nova_hedwigia/2018/0471].

Perez EF; Blandón SCS; Alves-Silva G; Lechner BE; Silveira RMB. (2018) **Taxonomy and phylogeny of Macrolepota: two new species from Brazil**. *Mycologia*, v.110(5), 930-940. [doi: 10.1080/00275514.2018.1500848].

Li GJ; Hyde KD; Zhao RL; Hongsanan S; Abdel-Aziz FA; Abdel-Wahab MA; Alvarado P; Alves-Silva G et al. (2016) **Fungal diversity notes 253-366: taxonomic and phylogenetic contributions to fungal taxa**. *Fungal Diversity*, v.78, 1-237. [doi:10.1007/s13225-016-0366-9].

Costa-Rezende DH; Ferreira-Lopes V; Montoya CAS; Alves-Silva G; Mello A; Drechsler-Santos ER. (2015) **New records of *Perenniporia sensu lato* and *Pyrofomes* for the Brazilian Cerrado**. *Iheringia*, v.70, 157-166. [http://isb.emnuvens.com.br/iheringia/article/view/306/251].

BOOK CHAPTER PUBLISHED

Drechsler-Santos ER; Montoya CAS; Alves-Silva G; Fernandes M; Reck MA; Palacio MP; Nunes P; Elias SG; Batistella DA et al. **Macrofungos: aspectos preliminares sobre a diversidade de Basidiomycota**. In: Domingos de Jesus Rodrigues; Janaína da Costa de Noronha; Vanessa França Vindica; Flávia Rodrigues Barbosa. (Org.). *Biodiversidade do Parque Estadual Cristalino*. 1ed. Sinop: Áttema, 2015, p. 55-67.

EVENT PARTICIPATION

II Encontro de Botânicos da Região Sul do Brasil (Brazil 2023)

Lages, SC, 2023; Speaker: “Como revelar a cripticidade de fungos? Estudos moleculares no reconhecimento de espécies e ciclos de vida”

I Workshop Brasileiro de Avaliação de Espécies de Fungos e líquens para a Lista Vermelha Global da IUCN (Brazil, 2022)

Online 2022; Professor

II Workshop Internacional de Curadoria em Coleções Microbianas (Brazil, 2022)

Campinas, SP, Brazil; Hearer

I Encontro de Botânicos da Região Sul do Brasil (Brazil 2021)

Online, 2021; Speaker: “Diversidade e conservação de macrofungos do sul do Brasil”

Ist Symposium of Fungal Diversity and Conservation in Cloud Forests (Brazil 2021)

Online, 2021; Organizer, Speaker: “Diversidade de macrofungos das Matas Nebulares em Santa Catarina, sul do Brasil”.

X Congreso Latinoamericano de Micología (Chile 2020)

Online, 2020; Speaker: “Diversidade de macrofungos das Matas Nebulares em Santa Catarina, sul do Brasil”.

IX Congresso Brasileiro de Micologia

Manaus, Brazil. October, 2019; Hearer, Poster presenter, Minicourse taught

III Escola Gaúcha de Bioinformática (EGB 2019)

Porto Alegre, Brazil. July, 2019; Hearer

II Primavera Botânica.

Porto Alegre, Brazil. September, 2018; Hearer

II Escola Gaúcha de Bioinformática (EGB 2017)

Porto Alegre, Brazil. July, 2017; Hearer

I Primavera Botânica.

Porto Alegre, Brazil. October, 2017; Hearer, Minicourse taught

VIII Congresso Brasileiro de Micologia

Florianópolis, Brazil. October, 2016; Hearer, Poster presenter

66° Congresso Nacional de Botânica.

Santos, Brazil. October, 2015; Hearer, Poster presenter

EXPERIENCE

Federal University of Santa Catarina

Postdoctoral researcher: 2020 – currently

Federal University of Rio Grande do Sul

PhD student: 2016 – 2019

Federal University of Santa Catarina

Master student: 2014 – 2016

Instituto Mato-Grossense do Algodão - IMAmt

Laboratory assistant (Molecular Analyses of Crop Plants)

2011 – 2013

Federal University of Santa Catarina

Scientific starting

2011 – 2013

Federal University of Santa Catarina

Short Course Assistance

2013