



William Padilha Lemes

ID: 08588003902 | **Date of birth:** 18/03/1994 | **Place of birth:** Caçador, Brazil | **Nationality:** Brazilian |

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williampadilhalemes@gmail.com | **Address:** Rua Amor Perfeito 112, 45656200, Ilhéus, Brazil (Home)

EDUCATION AND TRAINING

03/2025 – CURRENT Ilhéus, Brazil

PHD STUDIES IN ANIMAL SCIENCE Universidade Estadual de Santa Cruz

09/2022 – 07/2024 Debrecen, Hungary

MASTER'S DEGREE IN BIOLOGY University of Debrecen

26/11/2021 – 26/11/2022 São Paulo, Brazil

SPECIALIZATION IN ECOLOGY (LATO SENSU POSTGRADUATION) Faculdade Metropolitana do Estado de São Paulo

02/2017 – 02/2022 Florianópolis, Brazil

BACHELOR'S DEGREE IN BIOLOGY Universidade Federal de Santa Catarina

WORK EXPERIENCE

 **SCHOOL OF BASIC EDUCATION PAULO SCHIEFFLER – CAÇADOR, BRAZIL**

SECONDARY SCHOOL TEACHER – 01/11/2024 – 15/12/2024

 **SCHOOL OF BASIC EDUCATION PADRE VICENTE FERREIRA CORDEIRO – PALHOÇA, BRAZIL**

SECONDARY SCHOOL TEACHER – 03/02/2022 – 31/07/2022

 **LABORATORY OF CYTOGENETICS AND GENOMIC STABILITY – FLORIANÓPOLIS, BRAZIL**

LABORATORY ASSISTANT – 01/03/2021 – 31/01/2022

 **INSTITUTE OF ENVIRONMENT OF SANTA CATARINA – FLORIANÓPOLIS, BRAZIL**

ENVIRONMENTAL EDUCATION OFFICER – 02/05/2019 – 02/05/2021

 **LABORATORY OF FRESHWATER ECOLOGY – FLORIANÓPOLIS, BRAZIL**

UNIVERSITY RESEARCH ASSISTANT – 08/2017 – 07/2018

CONFERENCES AND SEMINARS

09/2022 – 09/2022 Federal University of Juiz de Fora (online mode)

2nd International Meeting on Behaviour, Ecology and Evolution old questions new perspectives (IMBEE)

03/11/2021 – 08/12/2021 Brazil, Brazilian Society of Primatology (online mode)

Monkeying in the Nets

21/08/2021 – 24/08/2021 University of Coimbra (online mode), Portugal

XIX Iberian Congress of Entomology

18/01/2021 – 29/01/2021 São Paulo University (online mode), Brazil

IX Summer Course in Zoology

03/09/2019 – 06/09/2019 Federal University of Santa Catarina, Brazil

Minicourse Biology and Ecology of Sharks and Rays

18/10/2018 – 18/10/2018 Federal University of Santa Catarina, Brazil

Minicourse Ecological Rule of Law

25/07/2018 – 27/07/2018 Federal University of Santa Catarina, Brazil

VIII Winter Course in Ecology

18/09/2017 – 22/09/2017 Federal University of Santa Catarina, Brazil

XVIII Academic Week of the Biology

Minicourse Systemic Biology

PROJECTS

2024 – CURRENT

Northern brown howler monkey (*Alouatta guariba guariba*) conservation program. Ilhéus, State University of Santa Cruz, Brazil

2021 – 2022

Fauna Floripa group: reintroduction of *Alouatta guariba clamitans* at Meiembipe REVIS. Florianópolis, Federal University of Santa Catarina, Brazil

2017 – 2018

Urbanization as a factor of changes in ecosystem processes in streams: leaf decomposition and aquatic invertebrates as assessment tools. Florianópolis, Federal University of Santa Catarina, Brazil

HONOURS AND AWARDS

13/05/2025

Ethics & Diversity, Equality, Inclusivity Award - 200 US\$ – International Primatological Society

01/07/2022

Stipendium Hungaricum Scholarship - 2 Years Fully-funded Master Degree and 240 US\$ monthly stipend – Hungarian Government

05/11/2021

Certificate of Academic Performance on the second semester of 2021 – Federal University of Santa Catarina

05/11/2021

Certificate of Academic Performance on the first semester of 2020 – Federal University of Santa Catarina

05/11/2021

Certificate of Academic Performance on the second semester of 2019. – Federal University of Santa Catarina

VOLUNTEERING

01/04/2025 – CURRENT Ilhéus, Brazil

Wildlife Care and Research Center (NAPAs)

19/07/2021 – 13/12/2021 Florianópolis, Brazil

21st Biology Academic Week of the Federal University of Santa Catarina (Organizer)

01/01/2020 – 31/12/2020 Florianópolis, Brazil

Extension project: Demystifying Sharks and Rays to Educate and Conserve

12/2019 – 03/2020 Florianópolis, Brazil

Center for Research and Rehabilitation of Marine Animals (CePRAM)

SOCIAL AND POLITICAL ACTIVITIES

06/08/2018 – 28/08/2018 Florianópolis, Brazil

Monitor at Natural science exhibition "Diversity of living beings"

Assist with the exhibition during visits by primary and secondary school student groups.

23/02/2015 – 07/07/2015 Florianópolis, Brazil

Exchange Participants Manager for Aiesec Global Citizen Program

Coordinate and support exchange participants throughout their international volunteering experiences. Manage participant recruitment, onboarding, and orientation processes.

14/12/2014 – 29/01/2015 Leon, Mexico

Football Instructor Volunteer - Super Campeones project from Aiesec Global Citizen Program

Football instructor to students from a low incoming school in Leon, México

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NETWORKS AND MEMBERSHIPS

18/03/2025 – CURRENT

Member of the Brazilian Society of Primatology (SBPr)

18/03/2025 – CURRENT

Member of the Latin American Society of Primatology (SLAPrim)

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LANGUAGE SKILLS

Mother tongue(s): **PORTUGUESE**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
SPANISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user



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PUBLICATIONS

2024

[Contagious yawning and scratching in captive lemurs](#)

Behavioral contagion plays an important role in social synchronization across species. While well-documented in Haplorrhines (monkeys and apes), it remains understudied in Strepsirrhines (lemurs). We investigated contagious yawning and scratching in two captive groups of black-and-white (*Varecia variegata*) and red ruffed lemurs (*Varecia rubra*) (N=8), and whether contagion was influenced by the model's social integration. Using all-occurrence sampling and generalized linearmixed models, we found individuals were more likely to yawn or scratch after observing a conspecific do so, compared to those who did not. However, social integration had no effect. This is the first evidence of behavioral contagion in this genus and contributes to understanding its distribution and potential adaptive function in primates.

Lemes, W.P., Amici, F. Contagious yawning and scratching in captive lemurs. Sci Rep 14, 26672 (2024). <https://doi.org/10.1038/s41598-024-77805-9>

Authors: William Padilha Lemes & Federica Amici | **Journal Name:** Scientific Reports | **Volume, Issue and Pages:** 14, 26672 (2024) | **Publisher:** Nature Portfolio

2020

[Recent land-use changes affect stream ecosystem processes in a subtropical island in Brazil](#)

Land-use has changed natural areas, such as forest, into rural and urban landscape that affect stream ecosystems on a subtropical island in Brazil. Using a litter-bag experiment, we investigated how each type of land use (Urban, Rural, Natural) has influenced ecosystem functions and aquatic macroinvertebrate diversity. We observed a clear decline in leaf-litter breakdown process and shredder invertebrate diversity along the forest-pasture-urban gradient. We found that land-use changes led to the dominance of tolerant species and a reduction in ecosystem functioning. Our results highlight the importance of preserving forest areas and carefully managing land development to protect aquatic biodiversity and ecological processes.

Lemes da Silva, A.L., Lemes, W.P., Andriotti, J., Petrucio, M.M. and Feio, M.J. (2020), Recent land-use changes affect stream ecosystem processes in a subtropical island in Brazil. Austral Ecology, 45: 644-658.

Authors: Aurea Luiza Lemes da Silva, William Padilha Lemes, Jéssica Andriotti, Mauricio Mello Petrucio, Maria João Feio | **Journal Name:** Austral Ecology | **Volume, Issue and Pages:** 45: 644-658. | **Publisher:** Wiley

2024

[Evidence of behavioral contagion in captive black and white ruffed lemurs *Varecia variegata* \) and red ruffed lemurs *Varecia rubra*](#)

Oral presentation

Authors: William Padilha Lemes | **Journal Name:** 3rd UD International Scientific Conference, University of Debrecen, Hungary

2022

[Climate, forests and conservation units: an island suitable for the reintroduction of *Alouatta guariba clamitans*.](#)

Poster presentation - co-author

Authors: Luana Paula Reis, William Padilha Lemes, Paula Ribeiro Souza | **Journal Name:** Brazilian Congress of Mastozoology & 11th Brazilian Meeting for the Study of Chiroptera, Brazil

2019

[Recent land use changes affect stream ecosystem processes in a Subtropical island in Brazil](#)

Poster presentation - co-author

Authors: Aurea Luiza Lemes Da Silva, William Padilha Lemes, Jessica Andriotti | **Journal Name:** XVII Brazilian Congress of Limnology and 2nd Ibero American Congress of Limnology, Brazil

2018

[Effects of urbanization on the community of aquatic invertebrates and the rate of leaf breakdown in small tropical streams \(Florianópolis, Brazil\)](#)

Oral presentation

Authors: William Padilha Lemes, Aurea Luiza Lemes | **Journal Name:** 28° Seminar of Scientific and Technology, Federal University of Santa Catarina, Brazil

2018

Change of a stream ecosystem function along a forest to urban gradient transition: Integrating riparian and in stream characteristics

Oral presentation - co-author

Authors: Aurea Luiza Lemes Da Silva, William Padilha Lemes, Jessica Andriotti, Mauricio Petrucio | **Journal Name:** XIX Conference of the Iberian Association of Limnology University of Coimbra, Portugal