Ricardo de Oliveira Perdiz
P.h.D. student

Curriculum Vitae
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 Programa de Pós-graduação em Ciências Biológicas (Botânica),
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Professional summary

Experience in tropical botany, botanical surveys, angiosperm taxonomy and systematics (specially Burseraceae, Caryocaraceae and Sapindaceae), interactive keys of identification, ecological data and metadata management, highly skilled in data analysis using R and Python. Currently I'm a Ph.D. student in Botany at PPGBOT INPA with a thesis entitled "Species delimitation and phylogeography of *Protium aracouchini* species complex (Burseraceae)".

Professional data

➤ Orcid : 0000-0002-2333-6549
➤ Lattes CV: http://lattes.cnpq.br/2115845365136873
➤ ResearchGate: https://www.researchgate.net/profile/Ricardo_Perdiz

Academic Formation

2005-2008	B.Sc.	State University of Santa Cruz (UESC), Bahia, Brazil
2009-2011	M.S.	State University of Feira de Santana (UEFS), Bahia, Brazil
2015-in progress	Ph.D.	INPA, Amazonas, Brazil

Teaching experience

2013   **Organizer and teacher of a field course called *Métodos de herborização e identificação de angiospermas neotropicais arbóreas, com ênfase nos caracteres vegetativos***
Centro de Estudos da Biodiversidade Amazônica (CENBAM) and Programa de pós-graduação em Recursos Naturais (PRONAT), Universidade Federal de Roraima (UFRR), Brasil
➤ Served as main teacher of this course during my period at CENBAM as a repository data manager in Roraima
➤ Course lasted nine days
➤ Lessons of taxonomy and systematics of neotropical woody angiosperms, with special emphasis on how to identify plant families and genera through the use of vegetative characters

2015   **Graduate teaching assistant PRN 235 *Preparação de dados para análise estatística***
PRONAT UFRR, Brasil
➤ Teacher: Dr. Reinaldo Imbrozio Barbosa (INPA), Lidiany Carvalho (UFRR)
➤ Assisted students in dealing with R environment
➤ Actively contributed to lecture course design through meetings with instructor
➤ Created a website to help students in learning R (available on http://www.botanicaamazonica.wiki.br/labotam/doku.php?id=alunos:r.perdiz:disciplina:inicio)

2016-2017   **Graduate teaching assistant BOT-89 *Preparação de dados para análise estatística e Introdução ao uso de linguagem R***
Programa de pós-graduação em Ciências Biológicas (Botânica) INPA, Brazil
➤ Teacher: Dr. Alberto Vicentini (INPA)
➤ Served as a teaching assistant for two consecutive years
➤ A website for this class is available on http://www.botanicaamazonica.wiki.br/labotam/doku.php?id=disciplinas:

2018   **Graduate teaching assistant *Uso de espectroscopia para reconhecimento da Biodiversidade***
Programa de pós-graduação em Ciências Biológicas (Botânica) INPA, Brazil
➤ Teacher: Dra. Flávia Durgante (INPA)
➤ Assisted students in dealing with R environment and application of statistical techniques to answer their questions during the second week of class

Bibliographic Production

Book chapters

Research papers

Master thesis

Proceedings

Awards and Achievements

Fellowships

2015   Alwyn H. Gentry Fellowship for Latin American Botanists, Missouri Botanical Garden, St. Louis MO
2016   José Cuatrecasas Fellowship Award, Smithsonian Institution, Washington DC

Grants

2016	José Cuatrecasas Fellowship Award	$3000
2017	ASPT Research Grant for Graduate students	$800
2018	IAPT Research Grant	$2000

Professional Experience

➤ PPBio Data Repository manager, Regional Center Roraima, Centro de Estudos Integrados da Biodiversidade Amazônica - CENBAM. Project funded by the National Council for Scientific and Technological Development (CNPq), Brazil. Period: 2011–2014.

Current memberships

➤ Member, American Society of Plant Taxonomists (ASPT)
➤ Member, International Association for Plant Taxonomy (IAPT)

Skills in programming languages

➤ R and shell, I also work regularly with Python.
➤ Recent courses in "Python for Data Science" (IBM), "Data Science Methodology" (IBM), "Open Source tools for Data Science" (IBM), and "What is Data Science" (IBM).

Software (R packages)

Year	Author	Name	URL
In development	Perdiz, R.O.	NIRtools: Tools to deal with near infrared (NIR) spectroscopy data	github.com/ricoperdiz/NIRtools