

SANDRA ZORAT CORDEIRO

- Experience in Plant Ecology, Plant Biotechnology and Botany, with emphasis on restingas plant communities.
- Biologist of Botany Department in the Biosciences Institute of UNIRIO (since May 2013)
- Vice-curator of Herbarium Jorge Pedro Pereira Carauta - HUNI (Jan 2015 - Apr 2019)
- Curator of Herbarium Jorge Pedro Pereira Carauta - HUNI (since May 2019)
- Coordinator of Extension Projects:
 - 2015/16: Recuperation, preservation and expansion of the Herbarium Jorge Pedro Pereira Carauta collection
 - 2017/19: "Canto das Flores" Didactic Collection
 - Since 2017: HUNI Real and Virtual Botanical Collections
- Collaborator of the Plant Tissue Culture Laboratory of UNIRIO
- Collaborator of the Extension Project "Didactic and Evolutionary Garden of UNIRIO", coordinating the production of herbarium material used in the guided tours of groups with children with special needs to the referred garden.

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Professional Address Universidade Federal do Estado do Rio de Janeiro
Herbarium Prof. Jorge Pedro Pereira Carauta - HUNI
Avenida Pasteur, 458 / 503 - Instituto de Biociências
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Formal Education / Degree

- 2008 - 2012** PhD in Plant Biotechnology - Universidade Federal do Rio de Janeiro, UFRJ, Rio de Janeiro, Brasil
Título: Tissue culture and detection of special metabolites in three species of the genus *Mandevilla* Lindley (Apocynaceae Juss.). Year of degree: 2012
- 1996 - 1998** Master's in Plant Ecology - Universidade Federal do Rio de Janeiro, UFRJ, Rio de Janeiro, Brasil
Título: Analysis of vegetation in three distinct topography areas in Peró Beach, Cabo Frio, RJ. Year of degree: 1998
- 1990 - 1994** Graduation in Biological Sciences - Universidade de São Paulo, USP, São Paulo, Brasil

Scientific Journal Referee

Journal of Essential Oil Bearing Plants	Since 2018
Raízes e Rumos	Since 2018
Acta Scientiarum. Agronomy (Online)	Since 2015
African Journal of Biotechnology	Since 2015
Plant Growth Regulation (Print)	Since 2013
Intern. J. Plant Physiology and Biochemistry	2017-2019
Intern. J. Research of Agricultural and Food Sciences	2016-2017
African Journal of Microbiology Research	2015-2018
Intern. J. Biodiversity and Conservation	2015-2018
Intern. J. Biotechnology and Molecular Biology Research	2015-2018
Journal of Agricultural Sciences and Technology	2014-2018
Bioresources	2014-2018
Hoehnea (São Paulo)	2014-2018
International Journal of Food Properties	2013-2017

Awards

- 2018** Honorable Mention to the Extension Project **Canto das Flores Didactic Collection**, XXIII Extension Meeting at the 16th UNIRIO Academic Integration Week
- 2018** Best Panel Award for Extension Project **HUNI Real and Virtual Botanical Collections**, XXIII Extension Meeting of the 16th UNIRIO Academic Integration Week
- 2012** Approval on 1st. in the UNIRIO public tender for the provision of Technical-Administrative Education positions - Biologist / Botany
- 2012** Selected paper among the best four (Volatile compounds of *Mandevilla guanabara* from three restingas of Rio de Janeiro) in the II Restingas Flora Symposium: Phytochemistry and Bioactivities UFF / Instituto Vital Brazil / Faculty of Teacher Training - UERJ

Bibliographical production

- Articles in Scientific Journals

1. CORDEIRO, S.Z.; PATREZE, C.M.; DE PAULA, J.C. A Extensão no Herbário Prof. Jorge Pedro Pereira Carauta (HUNI) da Universidade Federal do Estado do Rio de Janeiro. **UNISANTA BIOSCIENCE**, v. 6, p. 128-133, 2017. (<http://www.unirio.br/ccbs/ibio/herbariohuni/pdfs/a-extensao-no-huni>)
2. CORDEIRO, S.Z.; SIMAS, N.K.; HENRIQUES, A.B.; SATO, A. Micropropagation and callogenesis in *Mandevilla guanabara* (Apocynaceae), an endemic plant from Brazil. **Crop Breeding and Applied Biotechnology (Online)**, v. 14, p. 108-115, 2014. (<http://www.scielo.br/pdf/cbab/v14n2/v14n2a07.pdf>)
3. CORDEIRO, S.Z.; SIMAS, N.K.; HENRIQUES, A.B.; SATO, A. *In vitro* conservation of *Mandevilla moricandiana* (Apocynaceae): short-term storage and encapsulation-dehydration of nodal segments. **In Vitro Cellular & Developmental Biology - Plant**, p. 326-336, 2014. (<https://link.springer.com/article/10.1007/s11627-014-9600-x>)
4. CORDEIRO, S.Z.; SIMAS, N. K.; HENRIQUES, A.B.; LAGE, C. L. S.; SATO, A. Micropropagation of *Mandevilla moricandiana* (A.DC.) Woodson. **In Vitro Cellular & Developmental Biology - Plant**, v. 48, p. 620-626, 2012. (<https://link.springer.com/article/10.1007/s11627-012-9477-5>)
5. CORDEIRO, S. Z.; SATO, A.; ARRUDA, R.C.O.; SIMAS, N.K. Volatile compounds of *Mandevilla guanabara* (Apocynoideae, Apocynaceae) from three restingas in Rio de Janeiro, Brazil. **Biochemical Systematics and Ecology**, v. 45, p. 102-107, 2012. (<https://www.sciencedirect.com/science/article/pii/S0305197812001597>)
6. CORDEIRO, S.Z.; SIMAS, N.K.; ARRUDA, R.C.O.; SATO, A. Composition of epicuticular wax layer of two species of *Mandevilla* (Apocynoideae, Apocynaceae) from Rio de Janeiro, Brazil. **Biochemical Systematics and Ecology**, v. 39, p. 198-202, 2011. (<https://www.sciencedirect.com/science/article/pii/S0305197811000512>)
7. CORDEIRO, S.Z. Composição e distribuição da vegetação herbácea em três áreas com fisionomias distintas na Praia do Perú, Cabo Frio, RJ, Brasil. **Acta Botanica Brasilica**, v. 19, p. 679-693, 2005. (<http://www.scielo.br/pdf/abb/v19n4/a03v19n4.pdf>)
8. PEREIRA, M.C.A.; CORDEIRO, S.Z.; ARAUJO, D.S.D. Estrutura do estrato herbáceo na formação aberta de *Clusia* do Parque Nacional da Restinga de Jurubatiba, RJ, Brasil. **Acta Botanica Brasilica (Impresso)**, v. 18, p. 677-687, 2004. (<http://www.scielo.br/pdf/abb/v18n3/v18n3a25.pdf>)

- Book Chapter

SATO, A.; CORDEIRO, S.Z.; DEFAVERI, A.C.A.; SOARES, J.V.; SIMAS, N.K. Fitoquímica, Anatomia Foliar e Aspectos Fenológicos de Espécies das Restingas Fluminenses, *In: Biodiversidade carioca: segredos revelados*. 1 ed. Rio de Janeiro: Technical Books Editora, 2015, v.1, p. 30-46.

- Citations (Cordeiro, S.Z.)

	Total of articles in base	Total of citations	Factor-H
Web of Science	5	26	3
SciELO	3	50	
SCOPUS	6	32	
Others	9	149	

- Events, summary in proceedings of conferences and lectures (only in HUNI)

	Participation in events	Summaries	Lectures	Mini course taught	Exposition
2019	2	3	2		
2018	4	2	1	1	1
2017	3	6	2		
2016	2	3	1		
2015	2	4	2		

- Interviews, Round Tables, Programs and Media Comments

CORDEIRO, S.Z.; SANTOS, A.V.C.; SILVA, A.V.S.; ANTONIO, R.C.; MARQUES, N.F.; SANTIAGO, V.M.E.; BORSATO, G.T.; GUASTI, M.G. "Canto das Flores" Didactic Collection ONLINE. 2019
(<http://www.unirio.br/ccbs/ibio/herbariohuni/colecao-didatica-do-canto-das-flores-online>)

RODRIGUES, M.L.; OLIVEIRA, J.; **CORDEIRO, S.Z.** Um herbário em crescimento (A growing herbarium). 2017.
(<https://plantasculturaesaude.wordpress.com/2017/08/11/um-herbario-em-crescimento/>)

CORDEIRO, S.Z. Video of "Canto das Flores" Didactic Collection. 2017.
(<https://www.facebook.com/HERBARIO.HUNI/videos/1661652200586241/>)

MOTTA, D.; **CORDEIRO, S.Z.** Um arquivo para guardar as plantas fluminenses (A file to store the plants of Rio de Janeiro). 2016.
(<http://www.faperj.br/?id=3131.2.6>)

D. Oliveira; **CORDEIRO, S.Z.**; DE PAULA, J.C. Arquivo verde (Green file). 2015. (<http://www.unirio.br/news/arquivo-verde>)

Coordinator of Extension Projects in Herbarium

2015 - 2016 Recuperation, preservation and expansion of the Herbarium Jorge Pedro Pereira Carauta collection
(<http://www.unirio.br/ccbs/ibio/herbariohuni/recuperacao-preservacao-e-expansao-do-acervo-do-herbario-prof-jorge-pedro-pereira-carauta-2013-huni>)

2017 - 2019 "Canto das Flores" Didactic Collection
(<http://www.unirio.br/ccbs/ibio/herbariohuni/projeto-de-extensao-colecao-didatica-do-canto-das-flores>)

Since 2017 HUNI Real and Virtual Botanical Collections
(<http://www.unirio.br/ccbs/ibio/herbariohuni/projeto-colecoes-botanicas-reais-e-virtuais-do-huni>)

Coordinator of Herbarium Achievements After Revitalization Process

- Assembly and structuring the herbarium site (<http://www.unirio.br/ccbs/ibio/herbariohuni>)

- Training of 12 undergraduate students (<http://www.unirio.br/ccbs/ibio/herbariohuni/equipe>)

- Admission in:

Brazilian Herbarium Network (<https://www.botanica.org.br/catalogo-da-rede-brasileira-de-herbarios/>),

Virtual Herbarium of Flora and Fungi (<http://inct.florabrasil.net/participantes/herbarios-curadores/huni-herbario-prof-jorge-pedro-pereira-carauta-da-universidade-federal-do-estado-do-rio-de-janeiro-unirio/>)

Index Herbariorum (<http://sweetgum.nybg.org/science/ih/herbarium-details/?irn=252935>)

UMAC (<https://university-museums-and-collections.net/rio-de-janeiro/herbarium-prof-jorge-pedro-pereira-carauta-huni>)

- Collection online by admission in:

JABOT (<http://huni.jbrj.gov.br/v2/consulta.php>)

SpLink (<http://inct.splink.org.br/>)

REFLORA - 31 samples available until now

(<http://reflora.jbrj.gov.br/reflora/herbarioVirtual/ConsultaPublicoHVUC/ConsultaPublicoHVUC.do>)
