

Manoela Schiavon Machado

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Areas of Interest

Biodiversity conservation, tropical forest ecology, ecological restoration, plant ecology

Education

2015 – present

PhD in Ecology, University of Sheffield

Project: “Managing selective logging to minimize seasonal fire risk in the Amazon”

Supervisors: Dr David Edwards and Dr Carlos Peres

Ciência sem Fronteiras Full Scholarship

2008 – 2013

B.Sc. in Biological Sciences, University of Sao Paulo

Thesis: “Enrichment of a young restored semi-deciduous forest with secondary and climax trees species by direct seeding in São Paulo state, Brazil”

Licentiate in Biological Sciences, University of Sao Paulo

Scholarships

São Paulo Research Foundation – FAPESP, 2013

National Council for Scientific and Technological Development – CNPq, 2012

Science without Borders – CNPq – 2015

Research and Professional Experience

Nov 2015

Demonstrator – Conservation Biology course – University of Sheffield

Field trip to The Tropical Butterfly House

Jun 2014 – Dec 2014

Research assistant – Purdue University – Dr. Jeffrey Dukes research group, USA

Elaboration of a Plant Field Guide of prairie species present in Purdue Wildlife Area.

Sep 2013 - Dec 2013

Internship – Waldorf Novalis School – Piracicaba, São Paulo state, Brazil.

Chemistry and Biology lectures – attend and prepare classes and experiments.

Feb 2011 - Feb 2012

Internship – Sea turtle conservation Project – TAMAR - Fernando de Noronha, Pernambuco state, Brazil. Vegetational studies, seedling production of native species, forest restoration and weekly lectures.

Aug 2010 - Dec 2010

Internship – BioFlora Comercial Nursery - Piracicaba, São Paulo state, Brazil. Seed and seedling production of native species of Atlantic Forest and Cerrado biomes

Aug 2008

Research Assistant – FLONA Tapajós – Santarém, Pará state, Brazil

Professional Development

- 2015 Attendance to APS Departmental seminars. Sheffield, UK
- 2013 II Conservation Biology Symposia – Sorocaba, São Paulo, Brazil
- 2013 Atlantic Forest native species seedling production – Course. Rio Grande do Norte, RN, Brazil
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- 2012 MOBIO – VI Momento da Biologia – Workshop – ESALQ – Piracicaba, SP, Brazil
- 2012 2nd Workshop of Forest Restoration – ESALQ – Piracicaba, SP, Brazil
- 2011 I Modulo do Curso de Quintais Agroecológicos – Workshop – Fernando de Noronha, PE, Brazil
- 2010 VI Semana da Biologia – UFSCar – São Carlos, SP, Brazil
- 2010 International Workshop on long-term studies on biodiversity – FAPESP. SP, Brazil
- 2010 The role of Amazonia on Global Climate Change – Philip Fearnside. ESALQ. SP, Brazil
- 2010 Forest Restoration and Carbon Sequestration – ESALQ. SP, Brazil
- 2009 IX Ecology Conference – São Lourenço, MG, Brazil
- 2009 I Symposia “Water: Challenges to conservation”. ESALQ, SP, Brazil

Conference and Symposia Presentations

- 2013 **Machado M S**, Gandolfi S. “Enriquecimento de uma floresta em restauração através de Semeadura Direta de espécies arbóreas nativas no município de Araras, SP”. V Simpósio de Restauração Ecológica, Instituto de Botânica, São Paulo, Brazil. Nov 2013. (Poster)
- 2013 **Machado M S**, Gandolfi S. “Análise de dados fenológicos das espécies arbustivo-arbóreas nativas do arquipélago de Fernando de Noronha, PE, Brasil.” 21o SIICUSP - Simpósio de Iniciação Científica da Universidade de São Paulo, Ribeirão Preto, SP, Brazil. Oct 2013. (Poster)
- 2013 **Machado M S**, Gandolfi S. “Enrichment of a young restored semideciduous forest with secondary and climax trees species by direct seeding in São Paulo state, Brazil”. SER 2013 - 5th World Conference on Ecological Restoration, Madison, WI, USA. Oct 2013
- 2013 **Machado M S**, Ribeiro N M, Kageyama P Y. “Seed rain captured by traps in a Semi-deciduous Seasonal forest fragment in the state of São Paulo – Brazil.” SER 2013 - 5th World Conference on Ecological Restoration, Madison, WI, USA. Oct 2013. (Poster)
- 2011 **Machado M S**, Brancallion P H S, Potascheff, C M. “Challenges for seedling production for forest restoration in an ocean island: the case study of protected areas of Fernando de Noronha, PE – Brazil”. SER 2011 - 4th World Conference on Ecological Restoration, Merida, Mexico. Aug 2011.

Publications

Gandolfi S & **Machado M S**, 2014. A public policy of research for conservation and use of biodiversity in restored forests. *Biota Neotropica*, 2014, vol.14, n. 2. *In submission process*.

Machado M S; Brancalion P H S, Potascheff C M, Santos A J B, Nave A G, Rodrigues R R, Gandolfi S, 2013. Fenologia da frutificação de espécies vegetais nativas e a restauração florestal no arquipélago de Fernando de Noronha, PE, Brasil (Fructification phenology of native plant species and the forest restoration in Fernando de Noronha archipelago, Pernambuco State, Brazil.) *Hoehnea*, 2013, vol.40, n. 3, ISSN 2236-8906.

Professional Memberships

Student member of the British Ecological Society - BES

Personal Skills and Competences

Languages: Portuguese – Native language
English – Fluent. TOEFL = 111/120 (2014)
Spanish – Elementary

Referees

Dr David Edwards (PhD Supervisor)

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Dr Sergius Gandolfi

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ESALQ. Piracicaba, São Paulo, Brazil

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