CURRÍCULUM VITAE

Dr. Martín Souto Souto
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I studied biology in the University of Coruña and Santiago de Compostela.
My Master's degree consisted in the study of the vegetal diversity in peatlands “Flora and vegetation of *Sphagnum magellanicum* Brid. raised bogs of the National Park Tierra del Fuego, Ushuaia, Arxentina”, under the direction of Dr. M.I. Fraga. I decided to do my Ph.D. in this field paleobotany to investigate the local ecological changes in peatlands (North of Spain), under the direction of Dra. M.I. Fraga and Dr. Pontevedra Pombal, X. "Reconstrucción paleoambiental de turberas del Norte de la Península Ibérica mediante análisis de macrofósiles vegetales y grado de humificación de la turba" University of Santiago de Compostela, 10/6/2018.

- Technical support (Curator) for the optimization of the SANT Herbarium collection, - Natural History Museum. 40 h/week 10/08/2017 - 31/12/2018.

- Identification, classification and location of two types of peatland habitats corresponding to group 71 (Sphagnum acid peatlands) of Annex I of Directive 92/43/EEC present in Galicia: network extension areas. Consellería de Medio Ambiente e Ordenación do Territorio, Xunta de Galicia.

- Group of Environmental Studies Applied to Natural and Cultural Heritage (GEMAP), 12/2016- 07/2019. Department of Soil Sciences and Chemical Agriculture, Biology Faculty, University of Santiago de Compostela:
- Implication of environmental changes in the carbon sink and pollutants through the study of peatlands in Galicia. (2009-PG152) 13/07/2009 – 01/12/2011. Department of Soil Sciences and Chemical Agriculture, Biology Faculty, University of Santiago de Compostela:

- Latitudinal diversity in the deep bottoms of the Atlantic Ocean, DIVA-ARTABRIA II, on board the oceanographic research vessel "Hespérides". 10/2008.

Stays in research center:
-Vexetal Anatomy Laboratory of the Museo Argentino de Ciencias Naturales Bernardino Rivadavia, Buenos Aires, Argentina. 04/2009.
- Paleobotanical Laboratory of CICYTTP, (CONICET), Diamante, Argentina. 05/2009.

Relevant publications in recent years:
- Souto, M., Castro, D., García-Rodeja, E. & Pontevedra-Pombal, X. The Use of Plant Macrofossils for Paleoenvironmental Reconstructions in Southern European Peatlands. (2019) Quaternary, 2(4), 34.

- Pontevedra-Pombal, X., Castro, D., R., M. Souto, MI. Fraga, W. Blake, M. Blaauw, J.A. López-Sáez, S. Pérez-Díaz, M. Valcárcel, E. García-Rodeja (2018). 10,000 years of climate control over carbon accumulation in an Iberian bog (southwestern Europe) Geoscience Frontiers, Vol.: 10: 1521-1533.
- Souto, M., Castro, D., Pontevedra-Pombal, X., Garcia-Rodeja, E., Fraga, M.I. (2017) Characterisation of Holocene plant macrofossils from North Spanish ombrotrofic mires: bryophytes. Mires and Peat, 19(11): 1–12.
- Souto, M., Castro, D., Pontevedra-Pombal, X., Garcia-Rodeja, E., Fraga, M.I. (2016) Characterisation of Holocene plant macrofossils from North Spanish ombrotrofic mires: vascular plants. *Mires and Peat,* 18 (11): 1–21.
- Souto, M., Castro, D., Pancotto, V. & Fraga, M.I. (2015). Liverworts of Sphagnum magellanicum Brid. raised bogs from Tierra del Fuego National Park, Ushuaia (Argentina). Journal of Bryology, 37 (2): 104-111.

Publications as a scientific illustrator:
- Otero, J.C. y López, M.J. (2016) Coleoptera, Latriidae. Fauna Ibérica, vol. 42. Ramos, M.A. et al. (Eds.) Museo Nacional de Ciencias Naturales. CSIC, Madrid. 288 pp.
- Otero González, J.C. (2011) Coleoptera, Monotomidae, Cryptophagidae. Fauna Ibérica, vol. 35. Ramos, M.A. et al. (Eds.) Museo Nacional de Ciencias Naturales. CSIC. Madrid 365 pp.
- García-Álvarez, O., Salvini-Plawen, L.V., Urgorri, V., Troncoso, J.S. (2014) Mollusca: Solenogastres, Caudofoveata & Monoplacophora. Fauna Ibérica, vol. 38. (Eds.) Museo Nacional de Ciencias Naturales. CSIC. Madrid. 295 pp.

Other areas of interest are the works carried out in the field of characterization of various ornamental plants such as Camellia or Liquidambar and Micology.