

## CURRICULUM VITAE

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CURATOR



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My current career focus on Botanical Data provision and accessibility for Research related with several areas, including Biological Interactions, Nature Conservation or History of Science. Indeed, I have always been concerned in bridging the gap between research, its application and diffusion.

The research that I developed in my PhD thesis on Portuguese bryophyte diversity (Porto University) has not only contributed to the scientific knowledge on this group of plants, but also provided the basis to develop a future strategy to allow their conservation using updated Red Lists and cartographies. The research as a pos-doc focused on the the distribution of species, and the patterns of biogeography and diversity, which enabled the definition of species conservation status and priority areas. Parallel training periods at several European Herbaria complemented my formation.

I have been working since 2015 has a Herbarium curator at the Museum of Natural History and Science of Porto University, supervising master and PhD students as well as volunteers. In 4 years of professional activity at the Herbarium I developed educational activities, exhibitions, collection study programs, collections physical and technical curatorship, and participated several projects financed by public and private funds. I have participated and publish the first Portuguese Bryophyte collection at a Portuguese Herbarium at GBIF <http://www.gbif.pt/node/188>.

My most recent publication in SCI journals using herbaria data are:

- Vaz, AS, H. Hespanhol, C. Vieira, P. Alves, J. Pradinho Honrado and J. Marques, Different responses but complementary views: patterns of cross-taxa diversity under contrasting coastal dynamics in secondary sand dunes', *Plant Biosystems - An International Journal Dealing with all Aspects of Plant Biology* (2019), pp. 1-14.
- Vieira C; Aguiar FC; Portela P; Monteiro J; Raven PJ; Holmes NTH; Cambra J; Flor-Arnau N; Chauvin C; Lorient S; Feret T; Dörflinger G; Germ M; Kuhar U; Papastergiadou E; Manolaki P; Minciardi MR; Munné A; Urbanič & Ferreira MT (2018) Bryophyte communities of Mediterranean Europe: a first approach to model their potential distribution in highly seasonal rivers. *Hydrobiologia: Plants in Aquatic Systems* 812 (1): 27-43.
- Cecília sérgio, César A. Garcia, Sarah Stow, Anabela Martins, Cristiana Vieira, Helena Hespanhol & Manuela Sim-Sim (2018). How are anthropogenic pressures facilitating *Campylopus introflexus* (Hedw.) Brid. invasion in mainland Portugal? *Cryptogamie, Bryologie* 39(2): 1-10.
- Portela, A. P., Marcos, B., Hespanhol, H., Silva, R., Honrado, J., & Vieira, C. (2017). Putting bryophyte communities in the map: A case study on prioritizing monitoring of human pressure in riverscapes. *Journal for Nature Conservation* 37: 122-132.
- Monteiro, J & Vieira, C. (2017). Determinants of stream bryophyte community structure: bringing ecology into conservation. *Freshwater Biology*: 62 (4): 695–710.
- Alves C, Vieira C, Sérgio C, Garcia C, Stow S, Hespanhol H. (2016). Selecting important areas for bryophyte conservation: is the higher taxa approach an effective method? *Journal for Nature Conservation* 29: 105-113. (IF= 1.657).
- Vieira C, Hespanhol H, Garcia C, Sim-Sim M, Sérgio C. (2016). Fluvial niche reconnaissance of noteworthy bryophytes in Portugal. *Cryptogamie, Bryologie* 37: 1-34.
- Alves C, Vieira C, Almeida R, Hespanhol H. (2016). Genera as surrogates of bryophyte species richness and composition. *Ecological Indicators* 63: 82-88 (IF= 3.898)
- Sérgio C, Garcia CA, Sim-Sim M, Vieira C, Hespanhol H, Stow S (2013) Atlas e Livro Vermelho dos Briófitos ameaçados de Portugal (Atlas and Red Data Book of Endangered Bryophytes of Portugal). MUHNAC. Lisboa. 464 pp. (book: ISBN: 978-989-8618-57-3).