

## **Dr Christina Campbell**

National Botanic Gardens, Glasnevin, Dublin 9

Telephone: +353 1 8040312

e-mail: [christina.campbell@opw.ie](mailto:christina.campbell@opw.ie)



Christina obtained a BSc in Environmental Biology from UCD and an MSc in Ecosystem Conservation and Landscape Management from NUI, Galway. She completed her PhD on the conservation of selected rare and threatened bryophytes (mosses and liverworts) in 2013 which was co-supervised by Dr Daniel Kelly of TCD and Dr Noeleen Smyth of the National Botanic Gardens. Before joining the National Botanic Gardens staff, Christina worked for the National Parks and Wildlife Service for a number of years on conservation objective setting and protected sites data management and has also worked with BEC Consultants. She is now working on the curation and digitisation of the DBN herbarium collections and also has a particular interest in the *ex situ* conservation of bryophytes through *in vitro* cultivation and cryopreservation.

### **Qualifications**

- 2013 PhD, Trinity College Dublin, Dublin, Ireland.
- 2007 MSc (Ecosystem Conservation and Landscape Management), National College of Ireland, Galway.
- 2003 BSc (Hons.) (Environmental Biology), University College Dublin, Dublin, Ireland.

## Research Interests

- Conservation of rare and threatened bryophytes (mosses and liverworts)
- *In situ* monitoring of rare plants
- *Ex situ* conservation
- *In vitro* cultivation of bryophytes
- Conservation genetics

## Publications

Campbell, C., Hodd, R. and O'Neill, F. (2019) The monitoring and assessment of *Hamatocaulis vernicosus* (Slender Green feather-moss) in the Republic of Ireland 2015–2017. *Irish Wildlife Manuals*, No. 110. National Parks and Wildlife Service, Department of Culture, Heritage and the Gaeltacht, Ireland

Campbell, C., Hodd, R. and O'Neill, F. (2019) The monitoring and assessment of *Petalophyllum ralfsii* (Petalwort) in the Republic of Ireland 2016–2018. *Irish Wildlife Manuals*, No. 109. National Parks and Wildlife Service, Department of Culture, Heritage and the Gaeltacht, Ireland

Campbell, C. & Lockhart, N. (2017) Natural Heritage Areas (NHAs) for Bryophytes: Selection Criteria. *Irish Wildlife Manuals*, No. 100. National Parks and Wildlife Service, Department of Culture, Heritage and the Gaeltacht, Ireland.

Campbell, C., Kelly, D.L., Smyth, N., Lockhart, N. & Holyoak, D.T. (2016) Genetic variation in the Red-Listed moss *Ditrichum cornubicum* Paton (Ditrichaceae) and implications for its conservation. *Journal of Bryology* 39(2): 141-151.

Campbell, C., Hodgetts, N.G. & Lockhart, N. (2015) Monitoring methods for *Hamatocaulis vernicosus* (Mitt.) Hedenäs (Slender Green feather-moss) in the Republic of Ireland. *Irish Wildlife Manuals*, No. 91. National Parks and Wildlife Service, Department of Arts, Heritage and the Gaeltacht, Ireland.

Campbell, C., Hodgetts, N.G. & Lockhart, N. (2015) Monitoring methods for *Petalophyllum ralfsii* (Wils.) Nees & Gottsche (Petalwort) in the Republic of Ireland. *Irish Wildlife Manuals*, No. 90. National Parks and Wildlife Service, Department of Arts, Heritage and the Gaeltacht, Ireland.

Hodgetts, N., Lockhart, N. & Campbell, C. (2015) Revision of the bryophyte schedule for the Flora (Protection) Order, 2015. *Irish Wildlife Manuals*, No. 87. National Parks and Wildlife Service, Department of Arts, Heritage and the Gaeltacht, Ireland.

Heery, S., Moorkens, E. & Campbell, C. (2014) An account of tufa-forming (petrifying) spring habitats in the Slieve Bloom Mountains, Ireland. *Biology & Environment: Proceedings of the Royal Irish Academy* 114B: 1-11.

## **Career**

- 2019 – Herbarium Assistant, National Herbarium, National Botanic Gardens, Glasnevin, Dublin 9.
- 2016 – 2019 Scientific Support for Site-specific Conservation Objective Setting, National Parks and Wildlife Service, 90 North King St., Dublin 7.
- 2015 – 2018 Associate Ecologist, Botanical, Environmental & Conservation (BEC) Consultants, 43 Herbert Lane, Dublin 2.
- 2009 – 2013 PhD Candidate, Department of Botany, Trinity College Dublin.
- 2007 – 2016 Archive Data Technician, National Parks and Wildlife Service, 7 Ely Place, Dublin 2.
- 2006 – 2007 MSc in Ecosystem Conservation and Landscape Management, University College Cork, Utrecht University, University of Helsinki, National College of Ireland, Galway.
- 2004 – 2005 Laboratory Analyst, Coillte Research Laboratory, Newtownmountkennedy, Co. Wicklow.
- 2004 Laboratory Assistant, Veritec, Forest Research Institute, Sala St., Rotorua, New Zealand.