



## CURRICULUM VITAE

ORLA DALY  
B.Sc., M.Sc.

### EDUCATION

- 2007 – 2008 Trinity College Dublin, Dublin  
Masters of Science in Biodiversity and Conservation (Distinction, First Class Honours).  
Thesis: An investigation of the of the ground flora diversity of mixed forests.
- 2001 – 2006 National University of Ireland, Galway  
Bachelor of Science, Botany (First Class Honours).  
Thesis: An investigation of the effects of light and temperature on the photosynthesis of the Fucooids (Brown Algae).

### CAREER HISTORY

**Assistant Ecologist, Botanical Environmental Conservation Consultants.** April 2010 – Present.  
Duties involve conducting botanical surveys in a wide range of habitats, involving the collation of relevé and environmental/structural data, habitat mapping and condition assessments.  
Office based activities include digital mapping, map production, site selection, data entry, conducting desk-based research and report writing.  
Projects contributed to include: National Survey of Upland Habitats, Woodland Monitoring Survey, Killarney National Park Habitat Map, Ancient and Long-established Woodlands of Co. Cork, Irish Semi-natural Grassland Survey, Marsh Fritillary and Bumblebee Survey and the digitisation of the National Survey of Native Woodland sites.

**Contract Ecologist, Botanical Environmental Conservation Consultants.** Jan 2009 – Dec 2009.  
Duties involved the initialisation of a national inventory of ancient and long-established woodlands for the Republic of Ireland. Duties involved digital mapping, site selection, field surveys, data entry, developing a protocol for the identification of these habitats, desk-based research and report writing.  
Other roles within the company included assisting with botanical surveys and digital mapping for various other projects, principally the Irish Semi-natural Grassland Survey and the Irish Uplands Pilot Survey.

**Irish Butterfly Monitoring Scheme Volunteer.** April 2009 – Sept 2009.  
Conducted bi-weekly transects to identify and record butterflies for the National Biodiversity Data Centre.

**Irish Peatland Conservation Council (IPCC) Volunteer.** Nov 2008 – Dec 2008.  
Exercised practical conservation with the raised bog environment, activities included drain blocking, tree clearance and hydrological assessments.

**Research Assistant for the FORESTBIO Project - Trinity College Dublin.** June 2008 – Aug 2008.  
FORESTBIO was a multidisciplinary project which investigated the biodiversity of Irish forests. It also set about to identify biodiversity indicators which could be directly used to inform 'Sustainable forest management' (SFM) practices in Ireland. Duties on this project involved the collection of botanical and structural data within both conifer plantations and native woodlands. Other key responsibilities included data entry and organisation.

**Botany Laboratory Demonstrator, National University of Ireland, Galway.** Sept 2002 – March 2003.

Transfer of information and skills to undergraduate students, this position also involved exam invigilation.

## **SKILLS & ADDITIONAL INFORMATION**

- Proficient in the use of the Microsoft Office Suite (Word, Excel and Powerpoint).
- Experienced in using ArcView GIS, after the successful completion of a GIS course and regular use of this programme within the work environment.
- Proficient in the production of high quality maps using ArcView GIS.
- Experienced in using packages for analysis of ecological data such as SPSS and PC-ORD. This extends to multivariate analysis of ecological communities using non-metric multidimensional scaling (NMS), hierarchical cluster analysis and indicator species analysis.
- High level of proficiency in accurate data entry and data analysis.
- Good knowledge of field survey techniques, plant and habitat identification.
- Experienced in using a variety of field and laboratory equipment.
- Experience in report and scientific writing from the completion of my theses and employment with BEC Consultants.
- Given numerous seminar presentations throughout my college career and presented a poster at IPSAM 2011.
- Regularly attend ecological courses as part of my CPD.
- Work well as a team member both in the field and in the academic environment (from working on several group projects), as well as proving a strong ability to work independently.
- Occupational first aid qualification.
- Safe pass qualification.
- Experienced hill walker, successfully completed 'Mountain Skills 1 & 2'.
- Full clean driving licence.

## **PUBLICATIONS & REPORTS**

Perrin, P.M. & **Daly, O.H.** (2010) *A provisional inventory of ancient and long-established woodland in Ireland*. Irish Wildlife Manuals, No. 46. National Parks and Wildlife Service, Department of the Environment, Heritage and Local Government, Dublin, Ireland.

**Daly, O** & Perrin, P (2010) *The ancient and long-established woodlands of County Cork*. Unpublished report submitted to the Heritage Council, Church Lane, Kilkenny, Ireland.