



CURRICULUM VITAE

FIONA M. DEVANEY
B.Sc. (Hons.), Ph.D.

EDUCATION

- 2002 – 2008 University College Dublin.
Ph.D. The Alder Marsh: Ecohydrology and Restoration Prospects of a Desiccating Dune Slack.
- 2002 – 2003 University College Dublin.
Postgraduate Certificate in Research Methods.
- 1998 – 2002 University College Dublin.
B.Sc. (Botany), (2.1).

CAREER HISTORY

Consultant Ecologist, BEC Consultants. January 2011–present (full-time); March 2009–December 2010 (contract ecologist).

Phase II surveys for various projects, principally the Irish Semi-natural Grasslands Survey and National Survey of Upland Habitats. Key additional elements include arranging access for surveys, plant and bryophyte identification, the collection of samples for further analysis, data entry and checking, report writing.

Consultant Ecologist, Dublin City Council and University College Dublin. February 2009.

Involvement in St. Anne's Park Grey Squirrel Management Plan, Phase 2. Key elements included the trapping and handling of grey squirrels using IUCN guidelines and the taking of vital measurements to work towards the re-introduction of red squirrels to the park.

Consultant Ecologist, Forest Environmental Research and Services. 2008 (various dates on a voluntary basis).

Assisted in 'A survey of nocturnal macro-moth biodiversity throughout various habitats in County Meath' funded by a Heritage Council Wildlife Grant. Duties included setting out and collecting moth boxes at various sites in evenings and mornings, identifying the species of moths found and returning them to their habitats after identification.

Aided in 'Restoration of riverside habitat' funded by a Heritage Council Biodiversity Grant. Duties included the clearing away of giant hogweed and informing members of the public on the dangers of this species.

Assistant Ecologist, Dr. Ciara Finnegan, University College Dublin. May 2006.

Duties included general wetland plant identification, advising on the suitability of wetland plants for a large-scale constructed wetland for Lakeland Dairies, Bailieborough and the collecting and planting of chosen species.

Senior Demonstrator and Student Mentor, University College Dublin. 2002 – 2006.

Main duties as a senior demonstrator included acting as the Ecology Laboratory Co-ordinator for first year undergraduates for two consecutive years, the supervision of students in a field and laboratory environment, demonstration of practical techniques to undergraduate students at all levels, correction of laboratory assessments and ensuring that lab and field health and safety standards were adhered to. Key elements as a student mentor included the designing, set-up and supervision of two final year student projects, and supervision and guidance of two Applied Master students.

SKILLS & ADDITIONAL INFORMATION

Communication & Interpersonal Skills

- Skilled in the writing and editing of reports.
- Experienced public speaker – have presented findings at national and international conferences.
- Trained numerous students in vascular and bryophyte identification.
- Conversational Irish and German language skills.

Computer Skills

- Proficient in Microsoft Word, Excel and PowerPoint with a high competence in PC-ORD, Scion Image and Sigma Plot.
- Working knowledge of Turboveg, Microsoft Access, ArcView GIS, SPSS, Minitab and SAS.
- Adept at data entry and analysis.

Driving

- Full clean driving licence.

Identification Skills

- Expertise in vascular and bryophyte identification.
- Experience in identifying nocturnal macro-moths and Irish butterflies to species level.

Other Skills

- Experienced in digital photography.
- Skilled in the physical and chemical analyses of plant and soil matter.
- Competent in hydrological monitoring.
- Have practice in the use of theodolites.
- Postgraduate representative on Health and Safety Committee for the Botany Department, University College Dublin (2003-2004).
- Received certificates from Manual Lifting and Fire Extinguisher training courses.
- Awarded a FETAC Level 5 Occupational First-Aid certificate by St. John's Ambulance, valid until 2011.

PUBLICATIONS

O'Neill, F.H., Martin, J.R., **Devaney, F.M.**, McNutt, K.E., Perrin, P.M. and Delaney, A. (2010) *Irish Semi-natural Grasslands Survey Annual Report No. 3: Counties Donegal, Dublin, Kildare & Sligo*. Unpublished report submitted to the National Parks & Wildlife Service.

O'Neill, F.H., Martin, J.R., Perrin, P.M., Delaney, A.M., McNutt, K.E. & **Devaney, F.M.** (2009) *Irish Semi-natural Grasslands Survey Annual Report No. 2: Counties Cavan, Leitrim, Longford & Monaghan*. Unpublished report submitted to the National Parks & Wildlife Service.

Devaney, F.M. & Otte, M.L. (2008) *The Alder Marsh: Ecohydrology and Restoration Prospects of a Desiccating Dune Slack*. Unpublished report submitted to Dublin City Council.