



## CURRICULUM VITAE

James Martin B.Sc. (Hons.), M.Sc., Ph.D, MIEEM

### EDUCATION

- 1994 - 1998 Trinity College Dublin  
Ph.D. A species-based approach to the conservation of Ireland's threatened vascular plant species, using complementary *in situ* and *ex situ* methodologies.
- 1993 - 1994 The University of Birmingham  
M.Sc. The Conservation and Utilisation of Plant Genetic Resources (Distinction).
- 1990 - 1993 The University of Birmingham  
B.Sc. Hon. Biological Sciences (2:1)
- 1983 - 1990 Pates Grammar School, Cheltenham  
3 A Levels and 10 GCSEs

### CAREER HISTORY

- 2003 – Present Botanical, Environmental & Conservation Consultants Ltd.  
Project Director of the National Survey of Native Irish Woodlands (2003-2008) and lead ecologist on the Semi-natural Grassland Survey of Counties Roscommon and Offaly (2007) and A Rare, Threatened and Scarce Vascular Plant Survey of Counties Cavan, Louth, Meath, Monaghan and Westmeath (2006).
- 2002 – 2002 Dúchas, Dublin  
Part of a team compiling Natura 2000 forms and preparing technical information for the designation of raised bog NHAs.
- 2000 – 2002 National Agricultural Research Institute, Guyana, South America  
Position with Voluntary Services Overseas instigating research projects that would contribute to biological research and development in the country.
- 1999 – 2000 Teagasc, Kinsealy Research Station  
Post-doctoral position investigating the use of molecular markers to map oak diversity in Ireland.

### SKILLS & ADDITIONAL INFORMATION

- Membership of Organisations. A member of the Institute of Ecology and Environmental Management, the British Ecological Society and the Irish Seed Savers Association. Secretary of The Irish Genetic Resources Conservation Trust (Winners of the 1997 Irish Ford Conservation Award) from 1995 to 1999.

- Technical. A good knowledge of field survey techniques and flora/fauna identification. Also expertise in many biotechnological techniques such as plant tissue culture and PCR-based genetic marker research.
- Computer. High level of computer proficiency including Microsoft Word, Excel, Access, Power Point and Arc View GIS.
- Training skills. Experience of organising training courses and workshops, writing training material including papers, booklets and radio scripts. Also co-lead a Trinity College Dublin expedition to South America.
- Language skills. Basic French and Spanish and beginners level Chinese

## SELECTED PUBLICATIONS

- Martin J.R.**, Gabbett, M., Perrin P.M. and Delaney, A. (2007) *Semi-natural Grassland Survey of Counties Roscommon and Offaly*. National Parks and Wildlife Service, Dublin.
- Perrin P.M., **Martin J.R.**, Barron S.J. and Roche J.R. (2006) A cluster analysis approach to classifying Irish native woodlands. *Biology and the Environment: Proceedings of the Royal Irish Academy*, 106B (3): 261-275.
- Perrin P.M., Barron S.J. and **Martin J.R.** (2006) *National Survey of Native Woodland in Ireland: Second Phase Report*. National Parks and Wildlife Service, Dublin.
- Higgins, G.T., **Martin, J.R.** & Perrin, P.M. (2004) *A National Survey of Native Woodland in Ireland*. National Parks and Wildlife Service, Dublin.
- Kingston, N., Lynn, D.E., **Martin, J.R.** and Waldren, S. (2003) An overview of biodiversity features in Dublin city urban parklands. *Management of Environmental Quality*, 14: 556-570.
- Waldren, S., **Martin, J.R.**, Curtis, T. & Lynn, D. (2002) Experimental translocation of *Gymnocarpium robertianum* (Hoffm.) Newman in Ireland. *The Fern Gazette*, 16: 452-453.
- Martin, J.R.**, Willabus, E. & Paul, C. (2001) *Workshop on the Extraction and Analysis of DNA and how these Techniques can be used to aid Agricultural Research in Guyana*. National Agricultural Research Institute, Guyana.
- Martin, J.R.**, Waldren, S., O'Sullivan, A. & Curtis, T.G.F. (2001). The establishment of the threatened Irish Plant Seedbank. In *Biological Collections & Biodiversity*. Eds. B.S. Rushton, Hackney, P. & C.R. Tyrie, Linnean Society of London Special Publication No.3: 112-119.
- Waldren, S., **Martin, J.R.**, Curtis T.G.F & O'Sullivan, A. (2000) Genebanks and biodiversity conservation: The Irish Threatened Plant Genebank Project. In *Biodiversity: The Irish Dimension*, Ed. B. Rushton, Royal Irish Academy, Dublin: 135-146.
- Martin, J.R.**, Douglas, G., Hodkinson, T.K., Kelleher, C. & Kelly, D.L. (1999) Investigating Irish oaks by chloroplast DNA analysis. In *Proceedings of Application of Biotechnology to Forest Genetics*, Eds. S. Espinel & E. Rilter, Biofor-99, Vitoria-Gastiez, Spain: 71-76