
Dr Mark G. Telfer**Entomological Consultant**

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Qualifications

1993 – 1997

Ph.D.

School of Environmental Sciences, University of East Anglia, Norwich.

'The life history of the grasshopper *Chorthippus brunneus*: geographical variation and climatic effects'.

1988 – 1991

MA (Hons.), Zoology. 2.1

Emmanuel College, University of Cambridge

Career summary

2005 – present

Freelance Entomological Consultant. Full-time from March 2006.

Feb. 2003 – Mar. 2006

Reserves Ecologist (non-avian biodiversity) at the Royal Society for the Protection of Birds, Sandy, Bedfordshire. Latterly part-time.

Feb. 1998 – Feb. 2003

Biodiversity Data Scientist and Invertebrate Recording Schemes Co-ordinator at the Biological Records Centre, CEH Monks Wood.

1997

Invertebrate Ecologist, National Trust Biological Survey Team, National Trust Head Office, Cirencester.

1991 – 1992

Assistant to Invertebrate Recording Schemes Co-ordinator at the Biological Records Centre, CEH Monks Wood.

Positions of responsibility

1997 – present

National organiser of the Ground Beetle Recording Scheme.

Mar. 2006 – Mar. 2007

outgoing Vice-President of the British Entomological and Natural History Society.

Mar. 2005 – Mar. 2006

President of the British Entomological and Natural History Society.

Mar. 2004 – Mar. 2005

Vice-President of the British Entomological and Natural History Society.

Survey experience over a wide range of habitats

- 2005 – present Working as an independent consultant: general invertebrate surveys over a wide geographical range throughout Britain and Ireland. Covering all terrestrial, freshwater and coastal habitats, specialising in brownfield sites, heathlands, ancient parklands and coastal sites.
- 2003 – 2006 Invertebrate survey, monitoring and identification work for the RSPB covering a wide range of terrestrial and aquatic habitats including woodland, heathland, brownfield sites, acid grasslands, wet grasslands, saline and brackish habitats, reedbeds and fens.

Experience with a wide range of species

I specialise in beetles (Coleoptera); an excellent group for site assessment in almost any habitat. I also cover a wide range of other invertebrate groups and have recorded over 3,700 species to date. This flexibility ensures that I can carry out effective survey work in any weather and at any season.

Experience with a wide range of survey techniques

Invertebrate survey often relies on nothing more than a keen eye and a quick hand but I deploy a wide range of more elaborate survey techniques as and when appropriate, including sweep-netting, beating, sieving, pond-netting, suction sampling, pitfall trapping, aerial interception trapping, subterranean trapping, light trapping and pan trapping.

Selected surveys

- 2007 – 2008 Survey and Common Standards Monitoring of 17 Areas of Special Scientific Interest in Northern Ireland and management of a team covering a further 55 sites. Over 2000 species were recorded including at least 12 new to Ireland.
- 2007 General invertebrate survey of a former coal-fired power station site in Northumberland for White Young Green. Site assessment, identification of key habitat features and recommendations for mitigation.

Selected publications

Telfer, M.G. (2009). Seven beetles new to Ireland, seven new to Northern Ireland and other noteworthy discoveries. *The Coleopterist*, 18, 121 - 129.

Thomas, J.A., **Telfer, M.G.**, Roy, D.B., Preston, C.D., Greenwood, J.J.D., Asher, J., Fox, R., Clarke, R.T. and Lawton, J.H. (2004). Comparative losses of British butterflies, birds, and plants and the global extinction crisis. *Science*, 303, 1879 - 1881.

Warren, M. S., Hill, J. K., Thomas, J. A., Asher, J., Fox, R., Huntley, B., Roy, D. B., **Telfer, M. G.**, Jeffcoate, S., Harding, P., Jeffcoate, G., Willis, S. G., Greatorex-Davies, J. N., Moss, D. & Thomas, C. D. (2001). Rapid responses of British butterflies to opposing forces of climate and habitat change. *Nature*, 414, 65 - 69.