



EDWARD J. BODSWORTH – DIRECTOR

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PERSONAL STATEMENT

My strong academic and research background has given me a robust understanding of ecology and conservation and has allowed me to become a disciplined, focussed and adaptable business/project manager. Applying these skills in the area of ecological consultancy has given me the opportunity to provide high quality, pragmatic and innovative ecological advice to a range of clients on a diversity of topics, including strategic land-use planning, EIA, protected species licensing, mitigation and management. Above all, I am an enthusiastic natural historian with a love for wildlife and the natural world and am dedicated to the conservation of biodiversity and the delivery of sustainability.

EDUCATION

2002 University of Leeds **PhD Ecology:** *Dispersal and behaviour of butterflies in response to their habitat*

1998 University of Cambridge **MA (Hons) Natural Sciences (Ecology)**
Christ's College

KEY SKILLS

Technical skills

- Phase 1 habitat survey + NVC
- Hedgerow survey
- Water vole survey
- Badger survey
- Otter survey
- Project & budget management
- Desk study and landscape assessment
- Technical review and editing
- Data collation and analysis
- High quality report writing
- Staff management
- Bat survey – bat roosts & activity, tree climbing
- Reptile survey
- Great crested newt survey
- Dormouse survey
- Butterfly and moth survey
- Ecological research
- Aerial photo and OS map interpretation
- EPSL and EIA preparation and co-ordination
- Teaching/training
- GIS mapping using Mapinfo
- Bat call analysis – Batsound/Analook

Personal skills

- Mature, calming and positive attitude; tolerant and understanding
- Excellent interpersonal skills - good communicator and team worker
- Discipline towards optimising performance & efficiency; well-organised
- Self-sufficient and independent; seeking new responsibilities and using initiative
- Reliable and dependable - high personal standards and attention to detail
- Excellent client-facing skills & business development

CERTIFICATES AND MEMBERSHIPS

- Full member of IEEM
 - Construction Skills Certificate Scheme (CSCS)
 - PADI Open Water Diver
 - Butterfly Conservation, WWF, BCT, RSPB, BES
 - Natural England Volunteer Bat Warden
 - Gloucestershire and Oxfordshire Bat Groups
 - Tree Climbing and Aerial Rescue NPTC Level 2
 - Dormouse Survey and Education Licence
 - Great Crested Newt Survey and Education Licence
 - Bat Survey and Education/Conservation Licence
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EMPLOYMENT

Director Windrush Ecology Oxfordshire October 2009 - present

Windrush Ecology is an independent ecological consultancy specialising in ecological survey, assessment and research to inform planning, design and management. Our focus is on providing a prompt and personal service which delivers pragmatic and innovative solutions to ecological issues.

Key achievements

- Involvement in varied projects including habitat management, landscape-assessment & protected species survey and assessment
- Securing early contracts with key clients
- Delivering high quality ecological field and consultancy services

Consultant Ecologist EU-China Biodiversity Programme/Fauna and Flora International Guangxi, China October 2007 *Sabbatical position*

Participation in an international capacity-building project to deliver training and guidance in Ecological Impact Assessment in limestone karst landscapes in Guangxi Province, China. Workshop development and delivering training in rapid biodiversity assessment and ecological evaluation.

Key achievements

- Developing and facilitating survey and monitoring surveys/methodology for Lepidoptera
- Delivering training workshops in EclA
- Learning about EclA in China/Hong Kong

Principal Ecologist Baker Shepherd Gillespie Oxfordshire 2004 - 2009

Delivering high quality advice for one of the UK's leading independent ecological consultancies. Responsible for project and budget management, producing tenders for potential jobs and business development. Ecological impact assessment and ES chapter preparation, protected species mitigation and habitat management. Devising and implementing creative and practical ways of addressing nature conservation issues in relation to development projects.

Key achievements

- Delivering high quality ecological advice to a range of clients
- Broadening key fieldwork and consultancy skills
- Began as an Ecologist in 2004, promoted to Senior Ecologist 2005 & Principal Ecologist 2007

Conservation Officer
The Wildlife Trust: Beds, Cambs, Northants and Peterborough
Bedfordshire
2003 - 2004

Monitoring planning applications for their impact on wildlife and biodiversity; providing advice to Local Authorities, Statutory Agencies and consultancies on nature conservation issues. Collating new information on planning guidance and wildlife legislation and implementing Biodiversity Action Plan targets. Identifying new reserves, extensions and linkages and opportunities for habitat creation. Undertaking surveys of County Wildlife Sites and specialist surveys for butterflies and moths.

Key achievements

- GIS mapping and analysis of floodplain and wet-woodland habitats in Bedfordshire and targeting areas for habitat creation
- Broadening knowledge of planning policy and legal protection of habitats/species
- Honing field skills through surveys of County Wildlife Sites; botany, Lepidoptera and protected species

Research Co-ordinator
Frontier
Madagascar & Vietnam
2002 - 2003

Managing biodiversity survey projects in Vietnam & Madagascar with responsibility for directing and planning the research programme. Duties included: long & short-term research planning; botanical & faunal surveying; report & manuscript writing; training and managing staff & voluntary research assistants; liaison with NGOs and local scientists.

Key achievements

- Rapid Biodiversity Assessment in two biologically diverse global regions of high conservation priority
- GIS mapping of proposed protected areas to inform planning and conservation.
- Training of over 40 volunteer research assistants in Tropical Conservation BTEC

PUBLICATIONS

- **Bodsworth, E.J., Shepherd, P. & Plant, C. (2005)** *Exotic plant species on brownfield land: their value to invertebrates of nature conservation importance*. English Nature Research Report No. 650. English Nature.
 - **Conradt, L., Corbet, S.A., Roper, T.J. & Bodsworth, E.J. (2002)** Parasitism by the mite *Trombidium breei* on four UK butterfly species. *Ecological Entomology* **27**, pp. 651-659.
 - **Thomas, C.D., Bodsworth, E.J., Wilson, R.J., Simmons, A.D., Davies, Z.D., Musche, M. & Conradt, L. (2001)** Ecological and evolutionary processes at expanding range margins. *Nature* **411**, pp. 577-581.
 - **Conradt, L., Bodsworth, E.J., Roper, T.J. & Thomas, C.D. (2000)** Non-random dispersal in the butterfly *Maniola jurtina*: implications for metapopulation models. *Proceedings of the Royal Society, London, B*, **267**, pp.1505-1510.
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BRIEF SYNOPSIS OF PROJECT EXPERIENCE

HABITAT AND PROTECTED SPECIES SURVEY

Battle, East Sussex – phase 1, bats (building roosts and activity), dormice, reptiles, great crested newts, badgers, Lepidoptera, water voles, otters

Woolwich Arsenal, London – bats (building roosts), insects on brown roofs

Witney Blanket Factory, Oxfordshire – phase 1, Lepidoptera, badgers

Redhill Aerodrome, Surrey – phase 1, reptiles, bats (building and tree roosts, activity)

Alton Towers, Staffordshire – bats (tree roosts)

Hampton Leys, Peterborough – phase 1, water voles, otters, badgers, great crested newts

Great Haddon, Peterborough – Lepidoptera, bats, badgers

Werrington, Peterborough – bats, butterflies, badgers, water voles

Blenheim Palace Estate, Oxfordshire – tree-climbing surveys for bats, bat surveys of barns

Rapid Biodiversity Assessment – Vietnam and Madagascar species surveys and habitat mapping

ENVIRONMENTAL IMPACT ASSESSMENT – ES CHAPTER PREPARATION

Battle, East Sussex – residential

Northfleet, Kent – mixed use

Western Peripheral Road, Peterborough - infrastructure

Great Haddon, Peterborough – mixed use

Finstock, Oxfordshire – leisure/recreation

Caddington Golf Course, Bedfordshire – leisure/recreation

Reading Relief Road, Reading - infrastructure

Horkesley, Essex – leisure/recreation

Landscope Holiday Park, Devon – leisure/recreation

EUROPEAN PROTECTED SPECIES LICENSING

The Bowls Club, Newbury – great crested newts, translocation & habitat creation, monitoring

Hempsted, Peterborough – great crested newts, translocation & habitat creation

The Skippett, Oxfordshire – great crested newts, site supervision & careful timing

Cadwell Farm Barn, Oxfordshire – pipistrelles, roost provision & monitoring

Cherrydene, Berkshire – brown long-eared bats, careful timing & roost provision, monitoring

Andover Road, Berkshire – pipistrelles, careful timing & roost provision, monitoring

Yewgate, Berkshire – brown long eared bats, pipistrelles, careful timing & roost provision

Harts Hill Farm, Berkshire – pipistrelles, careful timing & roost provision, monitoring

Hampton Leys, Peterborough – great crested newts, translocation & habitat creation

Holt House, Buckinghamshire – pipistrelles and brown long-eared bats

Totterdown Barn, Gloucestershire – Natterer's bats, roost provision & monitoring

Western Peripheral Road, Peterborough – great crested newts, translocation & habitat creation

Lexden Grange, Essex – brown long-eared bats, roost provision & monitoring

HABITAT CREATION AND MANAGEMENT

Gallions Reach, London – insect banks and brownfield habitat

Hassocks Railway Sidings, Kent – insect banks and brownfield habitat

Various Bat Mitigation Projects – bat houses, bat boxes, bat lofts and bat barns

Hempsted, Peterborough – newt ponds and landscaping

Hampton Leys, Peterborough – newt ponds, insect brownfield habitat

Woolwich Arsenal, London – brown and green roofs

Northamptonshire Green Infrastructure Project – strategic landscape-level planning

Bedfordshire Floodplain Habitat Project – GIS mapping and strategic landscape-level planning
