



Cambridge Ecology

Ecological Survey and Management Consultants

At Cambridge Ecology we endeavor to provide high quality, independent ecological advice in order to deliver effective, novel and sustainable solutions to our clients. We work to high standards and aim to ensure that our work produces measurable and long lasting benefits to biodiversity, which will provide our clients with projects that deliver marketable and distinctive results.

Services

The following services are available in house or through our extensive network of Associates.

Ecological surveys

Amphibians

- ▶ Great Crested Newt licence held

Bats

- ▶ Natural England licence held.
- ▶ Roost surveys of trees, bridges and a variety of buildings including barns and churches. Dusk and dawn surveys, swarming surveys and hibernacula surveys.
- ▶ Activity surveys designed to assess sites for species present, foraging habitat, flight lines. Use of time expansion detector and sonogram analysis.

Birds

- ▶ Generic breeding bird surveys using CBC, BBS and registration mapping techniques.
- ▶ Generic winter bird surveys using WeBS and farmland bird survey methods
- ▶ Specialist species surveys - e.g. Barn Owl, Black Redstart and Nightjar
- ▶ Specialist habitat surveys - woodland, grassland, upland, marine and coastal
- ▶ Monitoring - mitigation, construction, operation and post-construction environmental management plans, site and species surveillance.

Invertebrates

- ▶ Odonata (Dragonflies & Damselflies)
- ▶ Butterflies
- ▶ White-clawed Crayfish Natural England licence held.

Other mammals

- ▶ Dormice - Natural England licence held.
- ▶ Badger
- ▶ Water Vole
- ▶ Otters

Phase 1 habitat surveys

Reptiles

Environmental monitoring programmes

- ▶ Baseline data set creation
- ▶ Monitoring change

Other ecological surveys

- ▶ These surveys are possible through our large network of associates
- ▶ Freshwater aquatic macrophytes, invertebrates
- ▶ Fish
- ▶ NVC, invasive plants and other specialist botanical surveys

Report production

- ▶ Scoping study production
- ▶ Ecological Impact Assessment
- ▶ Biodiversity chapter production for Environmental Statement
- ▶ Survey result appraisal

Analysis and assessment

- ▶ Distribution and behavioural analysis for birds
- ▶ Windfarm collision risk assessment
- ▶ Independent Ornithology ES review
- ▶ Studies to inform Appropriate Assessment and provision of advice on the EU Birds Directive, Habitats Directive

Habitats Regulations

- ▶ Ornithology Impact Assessment
- ▶ Design and implementation of mitigation and compensation

Habitat creation

- ▶ Advice on feasibility and site suitability
- ▶ Design, practical implementation, monitoring and evaluation of habitat creation and restoration
- ▶ Habitat and species management plans
- ▶ Site-specific ecological and conservation management plans

Mitigation for protected species

- ▶ For impacts on bat roosts, flight lines, foraging habitat
- ▶ Translocations of Great Crested Newts, reptiles and
- ▶ Water Voles
- ▶ Mitigation for loss of Dormouse habitat
- ▶ Breeding bird nest box design and siting
- ▶ Bird collision avoidance measures

Planning matters, legislation and policy

- ▶ Production of detailed ecological strategies to fulfil planning conditions
- ▶ BREEAM - Production of ecological reports to maximise credits awarded to a variety of schemes (including housing, industrial, schools)
- ▶ Advice on conservation legislation and environmental regulations
- ▶ Expert witness and public inquiry experience

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Applications

- ▶ Brownfield site assessment and redevelopment
- ▶ Environmental and town planning to meet PPS criteria
- ▶ Renewable Energy
- ▶ Waste Management
- ▶ Minerals and Aggregates
- ▶ Water Resources
- ▶ Transport
- ▶ Housing and mixed-use developments
- ▶ Biodiversity research
- ▶ Training and education

Our Vision

For Cambridge Ecology to be involved at an early stage in assignments, enabling us to identify potential issues quickly and to plan accordingly. This allows workable solutions to be incorporated into the scheme design at an early stage, which often reduces the complexity and costs associated with ecological mitigation measures.

To bring our extensive experience of field-based research in the UK and overseas to gather high quality, robust data to deliver quality results on behalf of clients. Our judgments and advice are based on a high quality evidence base. This informs the ecological assessment process ensuring effective measures are prescribed and brought forward through effective consultation.

Working together with clients, we believe it is possible to realise a greater vision than is achievable working in isolation.

To provide ecological services which are fully integrated with the other technical disciplines involved in commercial development.

To provide our clients with solutions that allow their projects to proceed on schedule and which also deliver an ecological strategy that they can market and use to demonstrate leadership and corporate responsibility in best practice and high quality design.

Clients

Adonis Ecology
Cambridge County Council
DP World
EDF Energy

Essex & Suffolk Water
Freedom Group
RPS
St Modwen Properties plc,

Water Vole



Green Woodpecker



Bee Orchid



deliver an ecological strategy that they can market "

Cambridge Ecology



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Illustrations

FRONT: Black Hairstreak Butterfly
BACK: Kingfisher