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Arboriculture Landscape Architecture Ecology

CURRICULUM VITAE

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| Name | Dr David W. Smith |
| Academic qualifications | BSc (Hons) Ecology, University of East Anglia 2001 PhD University of Reading 2006 |
| Professional experience | 2009 to date: Senior Consultant Ecologist, DF Clark Bionomique Ltd 2007-2009: Ecological Consultant and Business Owner, DWS Ecology |
| Other positions of responsibility | 2008-2011: Chair, Scientific Officer and Trustee of ORCA 2002-2008: Trustee of ORCA during which held the posts of Publicity Officer, Charity Compliance Officer and Survey Coordinator 2002-2011: Trustee and Conservation Officer, Surrey Bird Club 2010 to date: Licensee and trainer, Surrey Dormouse Group. |
| Professional membership | <ul style="list-style-type: none">• Full Member of The Institute of Ecology and Environmental Management• Member of the British Ecological Society |
| Fields of special competence and interest | <ul style="list-style-type: none">• Project management of ecological issues associated with medium to large scale construction projects to ensure compliance with legislation and planning conditions whilst minimising costs and delays to works• Birds, reptiles, water voles, dormice, amphibians and cetaceans• Applied ecological research, conservation priority setting and production of habitat management plans• BREEAM and Code for Sustainable Homes ecological assessments• Business planning, grant and unrestricted fundraising and project management on behalf of conservation charities |
| Main duties and experience | <ul style="list-style-type: none">• Project management, production of monthly financial summaries and production of quotes and tenders• Ecological surveyor (Phase 1 Habitat and Protected Species surveys).• Production of reports, management plans and protected species mitigation strategies to support planning and/or management of projects• Liaison with consultees, contractors, sub-contractors, colleagues and clients to provide pragmatic and cost effective solutions. |
| Lecturing experience | <ul style="list-style-type: none">• Bird census techniques, University of Reading 2005-2011• Cetacean survey techniques, ORCA 2007, 2009 |
| Key Publications | <ul style="list-style-type: none">• Smith, D.W. (2007) Grasshoppers and bush-crickets. In: <i>The Farm Wildlife Handbook</i>. (ed. Winspear, R.). The RSPB, Sandy.• Smith, D.W. & Day, J. Using BREEAM assessments to deliver benefits for urban wildlife. In Practice, March 2012. |

Project Experience (a selection of case examples)

Projects managed (medium to large)

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| 2009 to date | Barking Riverside: a 10,800 unit development over 185 hectares making it one of the largest developments in London. Responsible for managing all construction related ecological issues, including the phasing of works to minimise construction delays and liaison with consultees. Barking Riverside supports breeding water voles, reptiles, breeding birds (including Schedule 1 listed species), important populations of wintering waders and wildfowl, scarce invertebrates, invasive and locally scarce plants amongst others. Managed treatment of knotweed, translocation of reptiles and work to trap, hold and translocate water voles. |
| 2009 to date | Crossrail (on behalf of Dragados Sisk Joint Venture (DSJV)): DSJV work on five sites associated with the construction of Crossrail and an additional factory site where tunnel segments are produced. Responsible for addressing all constructed related ecological issues. Sites and adjacent areas support important aquatic habitats, breeding birds, wintering waders and invasive plants amongst others. |
| 2010 to date | Silwood Estate, London: construction of 554 new homes and refurbishment of 119 flats. Completed pre-planning surveys and managed follow up Code for Sustainable Homes assessment for Phase 4B of development. |
| 2009 to 2011 | Crayford Town Hall, Crayford: construction of 145 dwellings contained in three blocks. Conducted pre-planning surveys and reports, including the production of a knotweed management plan. Subsequently, managed contractors that completed knotweed herbicide treatment, excavation and removal. |
| 2009-2010 | Juniper Walk, Stowmarket: a 122 unit development and was responsible for pre-planning surveys and reports, liaison with consultees and protected species surveys and mitigation. Managed work to trap and translocate water vole. |
| 2009-2010 | Oakwood Grange, Basildon: a 164 unit development and was responsible for pre-planning surveys and reports, including protected species surveys. |
| 2009-2010 | Mill Farm Close, Pinner: demolition of 110 existing flats and construction of 158 new flats. Responsible for pre-planning reports including the Code for Sustainable Homes ecological assessment. |

Projects managed (small to medium)

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| 2011 | Featherstone Lodge, Lewisham; renovation of existing building and construction of a small number of new dwellings. Responsible for pre-planning surveys and reports, including bat surveys. |
| 2010 - 2011 | Barking Riverside; conducted pre-planning surveys and reports on behalf of plot developers (x4) to support planning applications and code for sustainable homes assessments. Work included liaison with consultees to amend previous planning conditions. Each plot contained between 64 and 129 units (including flats). |
| 2009-2011 | University of East Anglia (four projects); the first was to assess the ecological impact of installing new surface water drainage on habitats, including a county wildlife site. The second was a report to secure an extension to planning for a new building, which included the production of a bat mitigation document. The third was to assess the potential impacts of some path resurfacing works that had been completed and the final was a Phase 1 Habitat survey to support planning for the renovation of an existing building. |
| 2009 | The Mill House, Canterbury: demolition of existing pub and construction of a 78-bedroom nursing home. Responsible for pre-planning surveys (including protected species) and reports. |
| 2009 | Hawks Park, Basildon: a plot within a larger development. Responsible for pre-planning reports, including Code for Sustainable Homes. |

Contributions to other projects

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| 2011 to date | Former E.ON site, Rayleigh: a 103 unit development: Responsible for reptile survey, report and mitigation design to support planning. |
| 2011 to date | Craylands Estate, Basildon: partial demolition and redevelopment to provide up to 1400 new dwellings. Managed reptile translocation works on one area of the site. |
| 2011 to date | Ex Crane Fluid Systems, Ipswich; a medium to large proposed commercial development. Supported project by completing breeding bird surveys. |
| 2010 to date | Basildon Town Centre, Basildon; a large housing development requiring an Environmental Impact Assessment. Supported project by completing breeding bird and bat surveys and reviewed the ecology chapter before submission. |
| 2011 | Grove Woods car park, Rayleigh: construction of new car park. Managed reptile translocation. |
| 2009 | Myatts Field, Lambeth: re-provision of 305 existing units, refurbishment of 172 units and construction of 503 further houses and flats. Conducted initial site survey and report to support planning. |
| 2009 | Everest Way, Heybridge: a small to medium development: Responsible for reptile survey, report and mitigation design to support planning. |
| 2009 | Broomfield Hospital, Chelmsford. Production of report detailing ecological value of two woodland blocks and recommended management to enhance them. |
| 2007-2009 | Offshore wind farms, North Sea. Conducted seabird surveys to support pre-planning assessments and construction related monitoring. |
| 2007-2009 | Pipeline work. Three different projects, two near Chester and the other near Bury. Managed team of sub-contractors completing nest checks, completed breeding bird survey to support planning and supported great-crested newt surveys. |
| 2007 | The Causeway, Petersfield. Supported reptile trapping and translocation. |
| 2007 | Marnel Park, Basingstoke. Supported large great-crested newt trapping and translocation work program. |