# LAND NORTH OF BIGGINS WOOD ROAD FOLKESTONE KENT: ECOLOGICAL SURVEY

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# **APPENDIX**

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# **FIGURE**

- 1 THE APPROXIMATE EXTENT OF THE SURVEY AREA.
- 2 LOCATION OF THE MAIN POINTS OF INTEREST.
- 3 A GENERAL VIEW OF THE SITE.
- 4 A CLOSER VIEW OF THE VEGETATION.
- 5 THE DEAD TREES THAT WERE THOUGHT TO HAVE BAT POTENTIAL.
- 6 PART OF ONE OF THE RETAINED REPTILE AREA CONTRASTED WITH THE MAINTAINED AND SCRUB CLEAR PART OF THE SITE.

#### 1.0 INTRODUCTION

- 1.1 This document was compiled in order to report upon a general ecological survey of an area of land located north of Elventon Close and Charles Crescent (off Biggins Wood Road), east of Caesar's Way and south of the M20 motorway at Folkestone, Kent (OS / TR203374<sup>1</sup>). The land is a former minerals quarry that has been used as a rubbish tip in the past, with consequent deposition of a range of different soil types and related materials. It is at present undeveloped and largely consists of an intimate mixture of vegetation types such as the OV25 Urtica dioica - Cirsium arvense, the Filipendula ulmaria - Angelica sylvestris sub community of the OV26 Epilobium hirsutum community and the OV27 Epilobium angustifolium communities of Rodwell (2000), and varying stages of succession of the W22 Prunus spinosa - Rubus fruticosus scrub and W21 Crataegus monogyna - Hedera helix scrub types of Rodwell (1998), amongst others. This reflects the varied land use history and past disturbance of the area. The whole lays on various soils of a partially calcareous and partially seasonally - waterlogged nature at the base of the Downs at an average elevation of c. 39 metres OD. The site is about 250 metres south of the North Downs Area of Outstanding Natural Beauty<sup>2</sup> and about 900 metres south of the Folkestone to Etchinghill Escarpment Site of Special Scientific Interest<sup>3</sup>.
- **1.2** The approximate extent of the survey area is shown in Figure 1.
- **1.3** The reptiles of the site have previously been surveyed by Newcombe (2009).

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<sup>&</sup>lt;sup>1</sup> Approximate location.

<sup>&</sup>lt;sup>2</sup> Hereafter referred to as the 'AONB'.

 $<sup>^{\</sup>rm 3}$  Hereafter referred to as the 'SSSI'.

#### 2.0 METHODS

- **2.1** The site has been visited continuously since approximately July 2010, and most of the field work was carried out in that year, except as noted below<sup>4</sup>. The purpose of the visits was to carry out ecological surveys as follows:
- **2.1.1** The **plant and animal species** of the site were listed by using the variety of inventory methods described by Sutherland (2000) and Slingsby and Cook (1986).
- **2.1.2** A search was also made for any species or habitat suitable for any species that might be specifically **protected** for conservation purposes by wildlife legislation<sup>5</sup> such as badgers (*Meles meles*), dormouse (*Muscardinus avellanarius*) and reptiles, using appropriate established techniques e.g. assessment of potential habitat for reptiles by comparison of the habitat on site with descriptions of potential reptile habitat given by Gent and Gibson (2003) as augmented by previous personal experience.
- 2.2 A search was also made for species (or habitat suitable for species) that might be included within the short list of the national Biodiversity Action Plans (BAP)<sup>6</sup> (Biodiversity Steering Group, 1995 as amended) and the Kent Red Data Book (RDB) (Waite, 2000). For birds, a search was made for species which are included within the bird 'Red List' (Eaton, Brown, Noble, Musgrove, Hearn, Aebischer, Gibbons, Evans and Gregory (2009)).
- **2.3** Whenever any notable species were found, monitoring of an appropriate kind was carried out in 2010 and 2011<sup>7</sup> using appropriate methodology as detailed below.
- **2.4** During 2010 much of the scrub which had covered approximately 25% of the total area of the site<sup>8</sup> was removed and thereafter kept under control as low ruderal vegetation, with the exception of areas where there was vegetation that had been identified as being suitable for use by reptiles.

<sup>&</sup>lt;sup>4</sup> The species lists have been continuously updated since then.

<sup>&</sup>lt;sup>5</sup> Mostly, this included species listed by Christopher Betts Environmental Biology (2000) and Chambers (2007) as being protected by the Wildlife and Countryside Act 1981, as amended.

<sup>&</sup>lt;sup>6</sup> As amended.

<sup>&</sup>lt;sup>7</sup> Primarily during 2011. This included bat detector surveys, repeat visits to the badger sett etc.

<sup>&</sup>lt;sup>8</sup> Most of it was scattered scrub with extensive dominant areas of bramble.

## 3.0 RESULTS

- **3.1** A total of 225 **species** of plants and animals were recorded in the site and are detailed in Appendix 1. Of these, a total of 108 species were vascular plants: any obviously planted garden or horticultural plants were not recorded.
- **3.2** A total of 20 **bird** species were recorded in the site; these species were mostly flying over or feeding on site, although some nested. The list of species recorded is given in Appendix 1. No specific breeding bird survey was carried out but breeding evidence was recorded when it was observed.
- **3.3** The following species which are specifically **protected** under wildlife legislation were found on site:
  - Slow worm and common lizard which are both protected by the provisions of the Wildlife and Countryside Act 1981.
  - Badger, which is protected by the Protection of Badgers Act 1992.
  - Pipistrelle bat, which is protected by the Wildlife and Countryside Act 1981 and related legislation and is a Kent RDB species.
- **3.4** The following **BAP** species and bird **Red List** species were noted on site:
  - Fieldfare, a bird red list species.
  - Herring gull, a bird red list species.
  - House sparrow, a bird red list species and Kent RDB species.

#### 4.0 DISCUSSION AND CONCLUSIONS

- 4.1 The **total number of species** recorded at the site is small by comparison with the potential number of species that might be recorded given more time and additional visits in which to undertake the work, possibly over several years: however, short surveys such as this are good at giving a 'snapshot' of the ecological value of a given site and showing which species require more detailed survey.
- The **methods** of the survey have been used extensively elsewhere with consistent results and accord with good practice guidelines (e.g. Institute of Environmental Assessment, 1995). Signs of protected species and their habitat parameters are reasonably obvious to an experienced surveyor. Ecological surveys of this type are valuable in terms of helping to determine whether or not animals are likely to be present, are present, or have been present in or around a site. However, the results of a survey are partially determined by the time of year at which the survey takes place. For example, if birds are present in the breeding season it is much easier to confirm their breeding status then than later in the year when nests may have been lost to the weather. However, even if the animals or birds themselves are not found, providing that suitable conditions are prevalent for the preservation of evidence, some signs of their past presence should remain within a site.
- 4.3 The **plant list** of the survey area was fairly typical of disused sites of this type, where the mixture of soils and conditions creates a host of opportunities for calcicole species, amongst others, to grow alongside more ruderal plants and plants of wet woodland e.g. pyramidal orchid and horseshoe vetch which are common on the nearby SSSI, with wood horsetail and wild angelica<sup>9</sup>. The mixture of plants represented the habitats of the surrounding area from which seed had ultimately come. The numbers of species and the actual range of species that were present in the site were nevertheless more or less as expected for a site of this type of habitat and management and there were no notable species.
- **4.4** The **bird** list was impressive but not exceptional, and to a certain extent was much better in the past when the scrub was present, when at least 10 singing

Land north of Biggins Wood Road, Folkestone, Kent.

<sup>&</sup>lt;sup>9</sup> These plants, along with hemp agrimony and pendulous sedge, were present in the old woodland (Biggins Wood) which was present on part of this site before the quarry dissected it and the motorway and Channel Tunnel destroyed it (personal observation). Their strongest representation was at the entrance to the site.

male whitethroats alone were recorded. A few additional species might be expected to be found on site from time to time e.g. collared dove (Streptopelia decaocto) or linnet (Acanthis cannabina) which might be expected to feed or nest in the scrub, although the loss of most of the scrub has severely limited the numbers of these scrub – inhabiting species.

- **Fieldfare** is normally regarded as a winter visitor and passage migrant in kent (Taylor, 1981), although it is still expanding its breeding range (Hagemeijir and Blair, 1997). It nests in bushes, trees, towns, parks, orchards and gardens (Cramp, 1988) and may therefore nest in Kent in the future. Its place in the bird red list is largely because of its rare breeding status rather than to its status as a migrant. As a result, it is likely to be unaffected very much by any proposed development at the site and will require no mitigation.
- **Herring gull** has been recorded from the site before on many occasions (Anon, verb comm.), and not only as a bird flying over; it has previously been observed temporarily roosting in the more open, winter –wet parts of the site. However, the site offers no more than a temporary roosting site for the species in inclement weather, as it cannot normally feed there or make any attempt to nest due to the unsuitable environment; the use of the site is purely as a temporary roost that is probably only used on limited occasions. There will therefore be no impact from redevelopment of the site as far as this species is concerned and therefore no requirement for mitigation.
- **House sparrows** have declined considerably in recent years throughout the country (Parkin and Knox, 2010; Summers Smith, 1999) and there is now considerable concern for their future. The species remains fairly common around parts of Folkestone (personal observation) and nests in sites nearby. However, it is unlikely that the loss of the site will have any significant effect upon the species in the long term, although some minor foraging facilities may be temporarily lost. If appropriate mitigation measures<sup>10</sup> are incorporated into any new development there might even be a slight increase in potential nesting (and possibly feeding) habitat of higher quality than presently exists and there would therefore be no long term impact.

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<sup>&</sup>lt;sup>10</sup> Such as nesting boxes or similar devices aimed at encouraging nesting by this and other species.

- **4.5** Other habitat for **protected species** was very limited because of the management of the site and its surroundings. However, the following protected species were present:
  - **Reptile** presence<sup>11</sup> and reptile habitat has already been identified and protected<sup>12</sup> pending translocation<sup>13</sup>. There was limited open space suitable for reptile basking before the scrub was cleared, so common reptiles were limited throughout the site in terms of their range, and remain so because of the management regime of much of the site. A brief capture recapture exercise in late summer 2011 suggested that the site has a small population in the order of 100 200 animals in total, although third party interference with the refugia during the investigation means that this figure can only be regarded as provisional.
  - Some dead standing trees in the south western corner of the site were identified as potential **bat** habitat, but were discounted after detailed survey involving bat detectors, endoscopes and a thermal imaging camera during 2011. Pipistrelle bats from a roost in a house somewhere to the south have been observed feeding in the survey area at dusk and in the night, but in small numbers<sup>14</sup> and mostly around the edges of the site. No surveys were done before the scrub was cleared when it would have been expected that the bats were more widespread over the site, but there are, and never have been, any trees which were big enough to provide roosts. Houses nearby, however, have ample roost potential. Although there will be some minor loss of foraging potential, any new development, especially if supplied with a suitable native species based landscaping scheme, will probably provide similar opportunities for feeding, and enhanced opportunities for roosting, especially if bats are considered during the course of planning the building types on site.
  - **Badger** had established a small sett in some bramble and hawthorn scrub near the entrance<sup>15</sup> to the site and has probably come from a sett on the other side of the motorway about 900 metres away, or may have come from

<sup>&</sup>lt;sup>11</sup> Described in Newcombe, 2009, when lizard presence was recorded. However, since then, slow – worms have also been found on site. The strong presence of bramble scrub previously inhibited the extent to which these species were present on site, as did unsuitable terrain such as bare road planings and similar materials and areas which were consistently winter – wet.

<sup>&</sup>lt;sup>12</sup> By marking suitable habitat and leaving it unmanaged to date.

<sup>&</sup>lt;sup>13</sup> A suitable translocation receptor site has been identified and is being managed on site.

<sup>&</sup>lt;sup>14</sup> A maximum of three animals have been recorded together on one occasion, but usually it is single animals on their own.

 $<sup>^{15}</sup>$  At approximately OS / TR204375. The sett consisted of approximately three used and two disused entrances in scrub on level clay – sand soil. It was probably used at most by one animal. It was particularly active during summer 2010, but was still active in October 2011, although it has appeared to be deserted from time to time.

a suspected but unknown population which is located deeper into central Folkestone. The sett has been occupied on and off for some time<sup>16</sup>, but was still active in October 2011. The proposal to redevelop the site will cause loss of this sett to the badgers, but further observation must be made before impact can be fully assessed and mitigation proposed. Whatever happens, if the sett remains active and showing signs of badger activity there will be a requirement of licencing under the 1992 Protection of Badgers Act. Worst case scenario is that the animal will breed, in which case there will be a definite need for an artificial sett as a replacement for the natural one, although such lone, low – status setts have, in the past, usually suddenly ceased to be active owing to badger deaths on local roads. Given the proximity of the motorway and other busy roads in the area this is most likely to happen in due course. Further monitoring will take place in early 2012 in order to determine the best course of action.

- 4.6 The site is sufficiently detached from the adjacent **AONB** and **SSSI** that there will be no impact from proposed development at the site. If residential development occurs there will be potential for an increase in visitors' footfall on the SSSI but the latter is separated from the site by a motorway and direct access is difficult. However, should any provision be made for enhanced pedestrian access to the downland to the north then there will be an indefinable negative impact upon the SSSI as a result of human disturbance and related matters.
- 4.7 As a result of the survey, it is strongly **recommended** that, in order to make some gains for nature conservation in line with current recommendations (Williams, 2010), some form of artificial bat roost is provided on any new buildings. Opportunities to encourage other wildlife should also include the use of Schwegler bird boxes throughout any development and a native species based planting plan for any additional trees and shrubs. In addition, no clearance of scrub or other habitat on the site should take place during the bird breeding season<sup>17</sup> due to the protection afforded to most birds when nesting. The reptile receptor site must be prepared and translocation from existing habitat must be undertaken and com before development can take place.
- **4.8** In **summary** therefore, the site has some local reptile sites and a badger sett, plus a small population of breeding birds in the remaining scrub. Appropriate

<sup>&</sup>lt;sup>16</sup> The fact that there have been brief periods when the sett was not in use suggests that there is another sett site in use in the area.

<sup>&</sup>lt;sup>17</sup> Approximately mid – March to late July of any year.

mitigation is required, although the present nature of the site is such that overall impact of proposed development for most species is low.					

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	SCIENTIFIC NAME	VERNACULAR NAME	NOTES	NO SPP
ALL FUNGI				
	Armillaria mellea	Honey Fungus	Local.	
	Auricularia auriculajudeae	Jew's Ear	On elderberry.	
	Coprinus plicatilis	Ink Cap		
	Coriolus versicolor	A bracket fungus		
	Crepidotus variabilis	An agaricoid fungus		
	Inocybe geophylla	An agaricoid fungus		
	Lepiota procera	Parasol Mushroom		
	Mycena galopus	An agaricoid fungus		
	Rhytisma acerinum	Sycamore Tar - spot	On sycamore leaves.	
	Xylaria polymorpha	Dead Men's Fingers	On dead wood.	10
LICHENES				
	Parmelia saxatilis	A lichen	Provisional identification.	
	Xanthoria parietina	A lichen		2
MOSSES				
	Bryum sp.	A moss		
	Hypnum cuppresiforme	A moss		
	Rhytidiadelphus squarrosus	A moss		
	Thuidium tamariscinum	A moss		4
VASCULAR PLANTS				
	Acer campestre	Field Maple		
	Acer pseudoplatanus	Sycamore		
	Achillea millefolium	Yarrow		
	Agrostis stolonifera	Creeping Bent - grass	Very local.	
	Anacamptis pyramidalis	Pyramidal Orchid	A few scattered plants.	
	Angelica sylvestris	Wild Angelica	By the entrance.	
	Armoracia rusticana	Horseradish		
	Artemisia vulgaris	Mugwort		
	Bellis perennis	Daisy		
	Blackstonia perfoliata	Yellowwort		
	Brachypodium sylvaticum	Wood Tor - grass		
	Brassica nigra	Black Mustard		

Buddleja davidii **Butterfly Bush** Naturalised.

Calystegia sepium Bellbine / Hedge Bindweed

Carex flacca Glaucous sedge 3 - 4 small areas of occurrence. Carex hirta Hairy Sedge

Carex otrubae False Fox - sedge Carex pendula Pendulous Sedge Centaurium erythraea **Red Centaury** 

Creeping Thistle Cirsium arvense Cirsium palustre Marsh Thistle

Cirsium vulgare Spear Thistle

Clematis vitalba Old Man's Beard

Conium maculatum Hemlock Crataegus monogyna Hawthorn

Cocksfoot Grass Dactylis glomerata

Dactylorhiza fuchsii Common Spotted Orchid Widespread and common. Daucus carota Wild Carrot

Deschampsia cespitosa **Tufted Hair Grass** Dipsacus fullonum Fuller's Teazel Elytrigia repens Common Couch American Willowherb Epilobium ciliatum Great Hairy Willowherb Epilobium hirsutum

Epilobium montanum Willowherb Field Horsetail Equisetum arvense Wood Horsetail Equisetum telmateai

Eupatorium cannabinum Hemp Agrimony Filipendula ulmaria Meadowsweet

Foeniculum vulgare Fennel Fraxinus excelsior Ash

Galium aparine Goosegrass Galium mollugo Hedge Bedstraw Geranium dissectum **Cut-leaved Cranesbill** 

Geranium robertianum Herb Robert Herb Bennett Geum urbanum Glechoma hederacea Ground Ivy

Hedera helix lvy

Common.

2 - 3 plants.

In wetter areas.

Widespread and common.

Local.

By the entrance.

A few scattered plants.

Heracleum sphondylium Hogweed

Hieracium sp. Unidentified Hawkweed

Hippocrepis comosa Horseshoe Vetch

Yorkshire Fog Holcus lanatus

Hypericum perforatum Perforate St John's Wort

Hypericum tetrapterum Square - stemmed St John's Wort

Juncus effusus Soft Rush Juncus inflexus Hard Rush

Juncus x diffusus Soft Rush / Hard Rush hybrid

Lapsana communis Nipplewort Lathyrus latifolius **Everlasting Pea** Lathyrus nissolia Grass Vetchling Lathyrus pratensis Yellow Vetchling Thanet Weed Lepidium draba

Leucanthemum vulgare Ox Eye

Linaria purpurea Purple Toadflax

Linaria vulgaris Common Toadflax Lotus corniculatus Birdsfoot Trefoil Malus domestica Domestic Apple Black Medick Medicago lupulina Melilotus alba White Melilot Melilotus officinalis Yellow Melilot Field Forgetmenot Myosotis arvensis

Creeping Restharrow Ononis repens Picris echoides **Bristly Oxtongue** Picris hieracioides Hawkweed Oxtongue Plantago lanceolata Ribwort Plantain Common Plantain Plantago major

Potentilla anserina Silverweed

Potentilla reptans Creeping Cinquefoil

Oak

Prunella vulgaris Selfheal Prunus spinosa Blackthorn

Pulicaria dysenterica

Fleabane

Rosa canina Dog Rose One or two plants on chalk spoil.

A few scattered plants.

Formerly dominant over much of the site.

Quercus robur

		, , , , , , , , , , , , , , , , , , ,		
	Rumex conglomeratus	Branched Dock		
	Rumex crispus	Curled Dock		
	Rumex obtusifolius	Broad Dock		
	Salix capraea	Goat Willow		
	Sambucus nigra	Elderberry		
	Scrophularia nodosa Sedum album	Figwort White Stonecrop	On road planings.	
	Sedum anglicum	Biting Stonecrop	On road planings.	
	Senecio jacobaea	Ragwort		
	Senecio vulgaris	Groundsel		
	Sinapis arvensis	Charlock		
	Sonchus asper	Prickly Sowthistle		
	Tamus communis	Black Bryony		
	Taraxacum officinale agg.	Dandelion		
	Thelycrania sanguinea	Dogwood		
	Torilis japonica	Upright Hedge Parsley		
	Tragopon pratensis	Goatsbeard		
	Trifolium campestre	Hop Trefoil		
	Trifolium dubium	Common Yellow Trefoil		
	Trifolium pratense	Red Clover		
	Trifolium repens	White Clover		
	Ulmus sp.	Elm	Probably U. procera. By entrance.	
	Urtica dioica	Stinging Nettle		
	Viburnum opulus	Guelder Rose		
	Vicia sepium	Bush Vetch		108
CRUSTACEA ISC	OPODA			
	Armadillidium vulgare	Pillbug		
	Oniscus asellus	A woodlouse		
	Porcellio scaber	A woodlouse		
	Trichoniscus pusillus	A woodlouse		4
MYRIAPODA CH	ILOPODA			
	Lithobius forficatus	A centipede		
	Lithobius variegatus	A centipede		2
INSECTA; COLE	OPTERA			

Blackberry

Rubus fruticosus

Formerly dominant over much of the site.

	Abax ater	A ground beetle		
	Carabus violaceus	A ground beetle		
	Notiophilus biguttatus	A ground beetle		3
INSECTA DIPTERA				
	Phytomyza ranunculi	A leaf - mining fly	Mines in buttercup leaves.	
	Syrphus ribesii	A hoverfly		
	Syrphus vitripennis	A hoverfly		
	Volucella zonaria	A hoverfly		4
INSECTA : HEMIPTERA - HETER	ROPTERA			
	Calocoris norvegicus	Potato capsid		
	Coreus marginatus	Dock Bug	On broad dock.	
	Dicyphus epilobii	A heteropteran bug	On great hairy willowherb.	
	Eysarcoris fabricii	A heteropteran bug		
	Heterotoma merioptera	A heteropteran bug		
	Liocoris tripustulatus	Nettle Bug	On stinging nettle.	
	Notostira elongata	Grass Bug		
	Pentatoma rufipes	Forest Bug		
	Phytocoris ulmi	A heteropteran bug		
	Piezodurus lituratus	Gorse Bug		
	Pithanus maerkeli	A heteropteran bug		
	Tingis cardui	Spear thistle Lace bug		12
INSECTA: HYMENOPTERA				
	Bombus lapidarius	Red - tailed Bumble Bee	Occasional workers seen.	
	Bombus pascuorum	A bumble - bee	Workers seen.	
	Bombus terrestris	Buff-tailed Bumble Bee	Workers seen.	
	Diplolepis rosea	Rose Bedeguar	Galls on dog rose.	
	Dolichovespula vulgaris	Common wasp		
	Lasius flavus	Common Yellow Ant		
	Lasius niger	Common Black Ant		7
INSECTA LEPIDOPTERA				
	Abraxas grossulariata	Magpie Moth		
	Eupithecia vulgata	Common Pug		
	Euproctis chrysorrhoea	Brown Tail		
	Euxoa nigricans	Garden Dart		
	Gonepteryx rhamni	Brimstone		

	Inachis io	Peacock	Bred on site.	
	Maniola jurtina	Meadow Brown		
	Melanargia galathea	Marbled White	Breeding in grass.	
	Opisthograptis luteolata	Brimstone Moth		
	Pararge aegeria	Speckled Wood		
	Philudoria potatoria	Drinker Moth		
	Pieris brassicae	Large White		
	Pieris rapae	Small White		
	Plusia gamma	Silver Y		
	Polyommatus icarus	Common Blue		
	Pyronia tithonus	Gatekeeper		
	Stigmella aurella	Golden Pygmy	Mines in bramble leaves.	
	Thymelicus silvestris	Small Skipper		
	Vanessa atalanta	Red Admiral		
	Vanessa cardui	Painted Lady	One imago.	
	Zygaena filipendulae	Six - spot Burnet moth		21
INSECTA: NEUROPTERA				
	Chrysopa carnea	A lacewing		
	Panorpa cognata	A scorpion fly		2
INSECTA: ORTHOPTERA				
	Chorthippus brunneus	Field Grasshopper		
	Chorthippus parallelus	Meadow Grasshopper		
	Leptophyes punctatissima	Speckled Bushcricket		
	Pholidoptera griseoaptera	Dark Bushcricket		4
ARACHNIDA				
	Aceria macrochelus	Field maple - leaf gall mite		
	Araneus diadematus	A spider		
	Mitopus morio	A harvest spider		
	Phalangium opilio	A harvest spider		
	Phyllocoptes goniothoras	A gall - mite	On hawthorn leaves.	5
MOLLUSCA				
	Arion ater	Garden Slug		
	Cepaea nemoralis	Grove Snail		
	Cernuella virgata	A land snail		
	Deroceras reticulatum	Milky Slug		

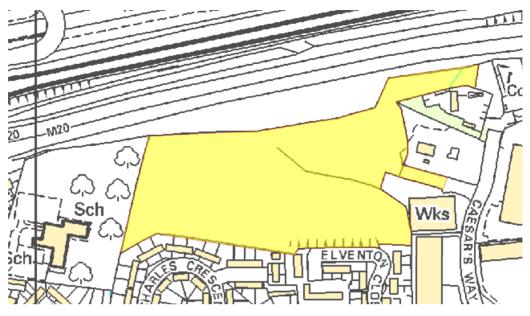
	Helix aspersa	Garden snail		
	Monacha cantiana	Kentish Snail		
	Trichia striolata	Strawberry Snail		
	Vitraea sp	A glass snail		8
REPTILIA				
	Anguis fragilis	Slow Worm	Widespread.	
	Zootoca vivipara	Common Lizard	Local.	2
BIRDS				
	Aegithalos caudatus	Long - tailed Tit	Has nested.	
	Carduelis carduelis	Goldfinch	Feeding on site.	
	Carduelis chloris	Greenfinch	Feeding on site.	
	Columba palumbus	Woodpigeon	Has nested.	
	Corvus corone	Carrion Crow	Flying over.	
	Corvus monedula	Jackdaw	Feeding on site.	
	Erithacus rubecula	Robin	Males singing.	
	Fringilla coelebs	Chaffinch	Males singing.	
	Larus argentatus	Herring Gull	Flying over.	
	Larus ridibundus	Black - headed Gull	Flying over.	
	Motacilla alba	Pied Wagtail	Feeding on site.	
	Parus caeruleus	Blue Tit	Feeding on site.	
	Passer domesticus	House Sparrow	Feeding on site.	
	Pica pica	Magpie	Feeding on site.	
	Prunella modularis	Dunnock	Has nested.	
	Sylvia atricapilla	Blackcap	Has nested.	
	Sylvia communis	Common Whitethroat	Has nested.	
	Troglodytes troglodytes	Wren	Has nested.	
	Turdus merula	Blackbird	Has nested.	
	Turdus pilaris	Fieldfare	Feeding on site.	20
MAMMALS				
	Erinaceus europaeus	Hedgehog		
	Meles meles	Badger	Small sett present.	
	Oryctolagus cuniculus	Rabbit		
	Pipistrellus pipistrellus	45 kHz Pipistrelle	Feeding on site.	
	Rattus norvegicus	Brown Rat		

Talpa europaea	Mole
Vulpes vulpes	Fox

7
Total number of species: 225

Land north of Biggins Wood Road, Folkestone, Kent.





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FIGURE 1: THE APPROXIMATE EXTENT OF THE SURVEY AREA.

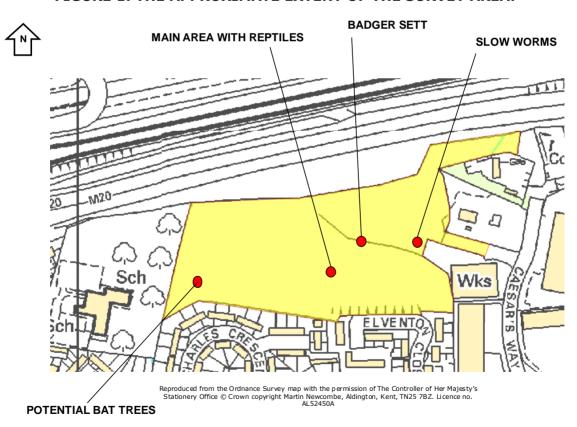


FIGURE 2: LOCATION OF THE MAIN POINTS OF INTEREST. (All data approximate).



FIGURE 3: A GENERAL VIEW OF THE SITE.

This is in the area nearest to the motorway which is about 40% of the site and which is subject to winter flooding.



FIGURE 4: A CLOSER VIEW OF THE VEGETATION.



FIGURE 5: THE DEAD TREES THAT WERE THOUGHT TO HAVE BAT POTENTIAL.



FIGURE 6: PART OF ONE OF THE RETAINED REPTILE AREA CONTRASTED WITH THE MAINTAINED AND SCRUB - CLEAR PART OF THE SITE.

The area with the scrub and white wild carrot flowers is where the reptiles are living and was originally a clearing in dense scrub.