

BIODIVERSITY SCHEDULES FOR WEST HORSLEY

CONTENTS:

Species Schedules:

This document presents the species in some categories of wildlife recorded in West Horsley since 2000, providing evidence of the parish's rich biodiversity. The details are set out in the following schedules:

1. Reptiles and Amphibians
2. Mammals
3. Birds
4. Butterflies
5. Moths
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The lists have been compiled from records kept by local amateur naturalists, over the last 16 years with contributions from local residents and the Horsley U3A Birdwatching and Natural History Group. They also draw on detailed weekly records of birds, mammals and butterflies since 2000, supplemented by regular bird-ringing since 2008 for a garden in Nightingale Avenue and detailed records of observations and bird ringing in a garden on East Lane since 2006. Other sources which have been consulted are the Draft Management Plan (2016) for the Sheepleas, prepared by Surrey Wildlife Trust and consulted on by the Forestry Commission as regulatory authority; and recent Surrey Bird Reports published by the Surrey Bird Club. The schedules also use original field survey undertaken for the Bird Atlas project 2007-2011 published by the British Trust for Ornithology.

Credit Brian Austin and Harry Eve 27th April 2016

Contributions from Mike Waite, Surrey Wildlife Trust and from David Ross

Definitions:

The following abbreviations are used within the schedules:

Status of protected species and those of conservation concern

- *Biodiversity Action Plan (BAP) Priority Species
- ** Specially Protected, Conservation of Habitats and Species Regulations 2010
- **R** Red-Listed species of conservation concern
- **S1** Schedule 1 of Wildlife and Countryside Act 1981
- **S5** Schedule 5 of Wildlife and Countryside Act 1981

Locations:

- | | |
|---------------------------------------|---------------------------|
| B Ben's Wood and fields by Long Reach | C Conservation Area |
| E East Lane area | H Hookwood area |
| L Lollesworth Woods | N Nightingale Avenue area |
| P West Horsley Place estate | R Ripley Lane area |
| S Sheepleas | W Waterloo Farm area |

Schedule 1: Reptiles and Amphibians

Species	Conservation/ Protection	Main Known Sites Resident	Frequency
Common Lizard	*S5	S	
Grass Snake	*S5	whole area	
Slow Worm	*S5	whole area	
Adder	*S5	The Street	Rare
Great Crested Newt	**S5	Garden ponds north of A246	Scarce, Local
Palmate newt	S5	E, garden ponds north of A246	Scarce, Local
Common Newt	S5	E, garden ponds north of A246	Scarce, Local
Common Toad*	*S5	N, gardens north of A246	
Common F rog	S5	B, gardens north of A246	

All of these species are protected under Schedule 5 of the Wildlife and Countryside Act, 4 are also BAP Priority Species and 1 is Specially Protected under the Conservation of Habitats and Species Regulations 2010.

Schedule 2: Mammals

Species	Conservation/ Protection	Main Known Sites Resident	Frequency
Hedgehog	*	whole area	Now scarce
Common Mole		whole area	Common
Common Shrew		Whole area	Rarely seen
Pygmy Shrew		N	
Water Shrew		N	
Bats	S5	Unidentified bats, large and small have been reported from the whole area. The following species have been identified in the Sheepleas and Nightingale Avenue areas:	
Common Pipistrelle	S5	S, N	
Soprano Pipistrelle	S5	S	
Whiskered Bat	S5	S	
Natterer's Bat	S5	S	
Brown Long-eared Bat	S5	S, N	
Noctule Bat	S5	S	
Rabbit		Whole area	
Grey Squirrel		Whole area	
Hazel Dormouse	**S5	S	
Bank Vole		Whole area	
Brown Rat		Whole Area	
Wood Mouse		Whole area	
House Mouse		Whole area	
Red Fox		Whole area	

Stoat		S, Dawes Dene	
Weasel		Wix Hill area, Ockham Road North	
Badger		Whole area	Protected under the 1992 Act
Roe Deer		Whole area	Common
Muntjac		Upper Weston Wood	Scarce

Schedule 3: Birds

Species	Conservation/ Protection	Main Known Sites Resident	Frequency
Mute Swan		W	
Greylag Goose		W	Occasionally
Canada Goose		W	Often
Egyptian Goose		W	Occasionally
Mandarin Duck		B, N	Scarce
Mallard		B, W	
Tufted Duck		W	
Quail		E	One record in 2006
Red-legged Partridge		B, E, R	
Pheasant		Whole Area	
Cormorant		W	Often seen flying over
Grey Heron		B, N, W	
Osprey	S1	E	One record on Spring migration 2010
Red Kite	S1	Whole Area	Seen particularly often in B,E,R,S
Common Buzzard		Whole Area	Seen particularly often in H,L, S
Sparrowhawk		Whole Area	
Goshawk	S1	E, N	Rare
Kestrel		Whole Area	
Hobby	S1	B, E, N, R, S	Has bred
Moorhen		B, W	
Coot		B, W	
Woodcock		S	

Black-headed Gull		Fields in whole area in winter	
Common Gull		Fields in whole area in winter	
Herring Gull	R	Fields in whole area in winter	
Lesser Black-backed Gull		Fields in whole area in winter and on autumn migration	
Stock Dove		Whole area	
Wood Pigeon		Whole area	
Collared Dove		Gardens in whole area	
Turtle Dove	*R	C, P, S	Rare summer visitor
Cuckoo	R	Whole area	Now scarce
Ring-necked Parakeet		Whole Area	
Barn Owl	S1	R	Occasionally
Tawny Owl		Woods in whole area	
Little Owl		E, L, N, R	
Swift		Whole area	Now scarce
Green Woodpecker		Whole area	
Great Spotted Woodpecker		Woods and gardens in whole area	
Lesser Spotted Woodpecker	*R	C, N	Scarce
Skylark	*R	B, P, S	
Sand Martin		Whole area	Migrant, scarce

Swallow		Whole area	Breed in a few barns and old stables
House Martin		Whole area	Summer visitor, now scarce
Tree Pipit	R	B	Scarce passage migrant
Meadow Pipit		B, P	Fields in autumn and winter
Pied Wagtail		B, E	
Dunnock	*	Whole area	
Robin		Whole area	
Redwing	R	Whole area	Winter visitor
Song Thrush	*R	Whole area	
Mistle Thrush	R	Whole area	Scarce
Fieldfare	R	Whole area	Winter visitor
Blackbird		Whole area	
Waxwing		E	2005, rare sporadic winter visitor
Garden Warbler		B, N, P, S	Summer visitor and passage, scarce
Blackcap		Whole area	Summer and Winter visitor
Whitethroat		B, N and railway embankment	Summer visitor
Lesser Whitethroat		P	Summer visitor, scarce
Willow Warbler		B, P, S	Summer visitor and passage
Chiffchaff		Whole area	Summer and winter visitor
Goldcrest		Whole area	
Firecrest		N, S	Probable breeder, scarce
Wren		Whole area	
Spotted Flycatcher	*R	N	Now rare on passage
Great Tit		Whole area	

Blue Tit		Whole area	
Coal Tit		Whole area	
Marsh Tit	*R	E, S	Scarce resident
Long-tailed Tit		Whole area	
Nuthatch		Woods and gardens with trees in whole area	
Tree Creeper		Woods in whole area	
Magpie		Whole area	
Jay		Whole area	
Jackdaw		Whole area	
Rook		C, H	
Carrion Crow		Whole area	
Raven		Upper Weston Wood	Rare
Starling	*R	Whole area	
House Sparrow	*R	Found in whole area but very local	
Chaffinch		Whole area	
Brambling		Whole area	Winter visitor in variable numbers
Linnet	R	B, P	Now scarce
Lesser Redpoll	*R	Whole area	Winter visitor in variable numbers
Goldfinch		Whole area	
Greenfinch		Whole area	
Siskin		Whole area	Winter visitor in variable numbers

Bullfinch	*	Whole area	
Hawfinch	*R	S	Rare
Common Crossbill	S1	B	Rare
Reed Bunting		B	

Schedule 4: Butterflies

Conservation Status

R= the species is on the Red List of Butterfly Conservation (IUCN category) , **EN**=Endangered, **NT**= Near Threatened, **VU**= Vulnerable, *****= Biodiversity Action Plan Priority Species

Species	Conservation/ Protection	Main Known Sites Resident	Frequency
Small Skipper		B, S	
Essex Skipper		S	
Silver-spotted Skipper	S5, R, NT	S	Rare
Large Skipper		B, S	
Dingy Skipper	*R (VU)	S	
Clouded Yellow		Can appear anywhere	Migrant
Brimstone		Whole area	
Large White		Whole area	
Small White		Whole area	
Green-veined White		B, L, S	
Orange Tip		Whole area	
Green Hairstreak		S	
Brown Hairstreak	S5, R (VU)	S	
Purple Hairstreak		N	Elusive and probably under-recorded
White-letter Hairstreak	*S5, R (EN)	S	
Small Copper		B. N, S	
Small Blue	*S5, R (NT)	S	Rare
Brown Argus		S	

Common Blue		B, N, S	
Chalkhill Blue	*S5 R (NT)	S	
Holly Blue		Whole area	
White Admiral	*	L, N, S	
Purple Emperor	S5 R (NT)	S	Rare and very local
Red Admiral		Whole area	
Painted Lady		Whole area	Migrant with great fluctuations
Small Tortoiseshell		Whole area	
Peacock		Whole area	
Comma		Whole area	
Dark Green Fritillary		S	
Silver-washed Fritillary		L, N, S	
Queen of Spain Fritillary		S	One record
Speckled Wood		Whole area	
Marbled White		S	
Gatekeeper		Whole area	
Meadow Brown		Whole area	
Ringlet		Whole area	
Small Heath	*R (NT)	S	

Schedule 5: Moths

Attached is the detailed list of 273 species of moths recorded at a moth trap at Meadowside, East Lane, West Horsley, Surrey from 2013 to 2016. Three of the moths, Yellow-legged Clearwing, Kent Black Arches and Mocha, are nationally scarce and 21 are local.

Species		Date	
Common Quaker	<i>Orthosia cerasi</i>	06/05/2013	
Small Quaker	<i>Orthosia cruda</i>	06/05/2013	
Chinese Character	<i>Cilix glaucata</i>	06/05/2013	
Brindled Beauty	<i>Lycia hirtaria</i>	06/05/2013	
Hebrew Character	<i>Orthosia gothica</i>	06/05/2013	
Great Prominent	<i>Peridea anceps</i>	06/05/2013	Local
Powdered Quaker	<i>Orthosia gracilis</i>	06/05/2013	
Early Thorn	<i>Selenia dentaria</i>	06/05/2013	
Dark-Barred Twin-Spot Carpet	<i>Xanthorhoe ferrugata</i>	06/05/2013	
Twin Spotted Quaker	<i>Orthosia munda</i>	06/05/2013	
Micro Moth	<i>Bucculatrix ulmella</i>	06/05/2013	
Nut-tree Tussock	<i>Colocasia coryli</i>	20/05/2013	
Brimstone Moth	<i>Osisthooraptis luteolata</i>	27/05/2013	
Flame Carpet	<i>Xanthorhoe designata</i>	27/05/2013	
Micro Moth	<i>Acleris hastiana</i>	27/05/2013	
Light Brown Apple Moth	<i>Epiphyas postvittana</i>	27/05/2013	
Micro Moth	<i>Pseudoswammerdamia combinella</i>	27/05/2013	
Flame Shoulder	<i>Ochropleura plecta</i>	02/06/2013	
Common Pug	<i>Eupithecia vulgata vulgata</i>	02/06/2013	
Micro Moth	<i>Aspilapteryx tringipennella</i>	02/06/2013	
Speckled Yellow	<i>Pseudopanthera macularia</i>	02/06/2013	
Green Carpet	<i>Colostygia pectinataria</i>	04/06/2013	
Scalloped Hazel	<i>Odontopera bidentata</i>	04/06/2013	
Seraphim	<i>Lobophora halterata</i>	04/06/2013	Local
Swallow Prominent	<i>Pheosia tremula</i>	04/06/2013	
Clouded Bordered Brindle	<i>Apamea crenata</i>	04/06/2013	
White Ermine	<i>Spilosoma lubricipeda</i>	08/06/2013	
Orange Footman	<i>Eilema sororcula</i>	08/06/2013	Local
Clay Triple-Lines	<i>Cyclophora linearia</i>	08/06/2013	
Common Wave	<i>Cabera exanthemata</i>	08/06/2013	
Treble Lines	<i>charanyca trigrammica</i>	08/06/2013	
Heart And Dart	<i>Agrotis exclamationis</i>	08/06/2013	
Setaceous Hebrew Character	<i>Xestia c-nigrum</i>	08/06/2013	
Lesser Swallow Prominent	<i>Pheosia gnoma</i>	08/06/2013	
Marbled Minor	<i>Oligia strigilis</i>	08/06/2013	

Alder Moth	<i>Acronicta alni</i>	08/06/2013	
Treble Lines	<i>charanyca trigrammica</i>	08/06/2013	
Lychnis	<i>Hadena bicurris</i>	08/06/2013	
Common Marbled Carpet	<i>Chloroclysta truncata</i>	08/06/2013	
Garden Rose Tortrix	<i>Acleris variegana</i>	08/06/2013	
Micro Moth	<i>Celypha lacunana</i>	08/06/2013	
Small Magpie	<i>Eurrhyncha hortulata</i>	09/06/2013	
Dark Chestnut	<i>Conistra ligula</i>	09/06/2013	
Peppered Moth	<i>Biston betularia</i>	09/06/2013	
Brown-Line Bright-Eye	<i>Mythimna conigera</i>	09/06/2013	
Straw Dot	<i>Rivula sericealis</i>	25/06/2013	
Cream wave	<i>Cyclophora punctaria</i>	25/06/2013	Local
Bird's Wing	<i>Dypterygia scabriuscula</i>	25/06/2013	
Clouded Silver	<i>Lomographa temerata</i>	25/06/2013	
Peacock	<i>Macaria notata</i>	25/06/2013	Local
Light Emerald	<i>campaea margaritata</i>	25/06/2013	
Scorched Wing	<i>Plagodis dolabraria</i>	30/06/2013	Local
Brown Rustic	<i>Rusina ferruginea</i>	30/06/2013	
Dark Arches	<i>Apamea monoglypha</i>	30/06/2013	
Large Fruit Tree Tortrix	<i>Archips podana</i>	30/06/2013	
Maiden's Blush	<i>Cyclophora punctaria</i>	30/06/2013	Local
Micro Moth	<i>Apotomis lineana</i>	30/06/2013	
Buff Ermine	<i>Spilosoma luteum</i>	30/06/2013	
Common White Wave	<i>Cabera pusaria</i>	30/06/2013	
Micro Moth	<i>Scoparia subfusea</i>	30/06/2013	
Mottled Pug	<i>Eupithecia exiguata</i>	30/06/2013	
Marbled Orchard Tortrix	<i>Hedya nubiferana</i>	30/06/2013	
Micro Moth	<i>Crambus lathoniellus</i>	30/06/2013	
Green Oak Roller	<i>Tortrix viridana</i>	30/06/2013	
Clouded Border	<i>Lomaspilis marginata</i>	30/06/2013	
Iron Prominent	<i>Notodonta dromedarius</i>	30/06/2013	
The Flame	<i>Axylia putris</i>	30/06/2013	
Ingrailed Clay	<i>Diarsia mendica mendica</i>	30/06/2013	
Broad-Barred White	<i>Hecatera bicolorata</i>	01/07/2013	
Buff Tip	<i>Phalera bucephala</i>	01/07/2013	
Riband Wave	<i>Idaea aversata</i>	01/07/2013	
Middle Barred Minor	<i>Oligia fasciuncula</i>	01/07/2013	
Brown Oak Tortrix	<i>Archips crataegana</i>	01/07/2013	
Micro Moth	<i>Crambus pascuella</i>	01/07/2013	
Micro Moth	<i>Chrysoteuchia culmella</i>	01/07/2013	
Micro Moth	<i>Isotrios rectifasaiana</i>	01/07/2013	
Micro Moth	<i>Donacaula forticella</i>	01/07/2013	

Hawthorn Moth (micro)	<i>Scythropia crataegella</i>	01/07/2013	
Micro Moth	<i>Udea olivalis</i>	01/07/2013	
Micro Moth	<i>Teleiodes luculella</i>	01/07/2013	
Micro Moth	<i>Aleimma loeflingiana</i>	01/07/2013	
Rufous Minor	<i>Oligia versicolor</i>	01/07/2013	
Dingy Footman	<i>Eilema griseola</i>	01/07/2013	
Lilac Beauty	<i>Apeira syringaria</i>	01/07/2013	
Oak Nycteoline	<i>Nycteola reveyana</i>	06/07/2013	
Elephant Hawk Moth	<i>Deilephilia elpenor</i>	06/07/2013	
Willow Beauty	<i>Peribatodes rhomboidaria</i>	06/07/2013	
Double Square Spot	<i>Xestia triangulum</i>	06/07/2013	
Beautiful Hook-tip	<i>Laspeyria flexula</i>	06/07/2013	Local
Coronet	<i>Craniophora ligustri</i>	06/07/2013	Local
Marbled White Spot	<i>Protodeltote pygarga</i>	06/07/2013	
Fan Foot	<i>Zanclognatha tarsipennalis</i>	06/07/2013	
Common Wainscot	<i>Mythimna pallens</i>	06/07/2013	
Snout	<i>Hypena proboscidalis</i>	10/07/2013	
Dot Moth	<i>Melanchra persicariae</i>	10/07/2013	
Small Yellow Wave	<i>Hydrelia flammeolaria</i>	10/07/2013	
Dingy Shell	<i>Euchoeca nebulata</i>	10/07/2013	
Buff Arches	<i>Habrosyne pyritoides</i>	10/07/2013	
Slender Pug	<i>Eupithecia tenulata</i>	10/07/2013	
Grey Dagger	<i>Acronicta psi</i>	10/07/2013	
Beautiful Plume	<i>Amblyptilia acanthadactyla</i>	10/07/2013	
Micro Moth	<i>Udea prunalis</i>	13/07/2013	
Micro Moth	<i>Agriphila straminella</i>	13/07/2013	
Bird Cherry Ermine (Micro)	<i>Yponomeuta evonymelia</i>	13/07/2013	
Uncertain	<i>Hoplodrina alsines</i>	13/07/2013	
Small Emerald	<i>Hemistola chrysoprasaria</i>	13/07/2013	
Lobster Moth	<i>Stauropus fagi</i>	14/07/2013	
Swallow Tailed Moth	<i>Ourapteryx sambucaria</i>	14/07/2013	
Rosy Footman	<i>Miltochrista miniata</i>	14/07/2013	
Peach Blossom	<i>Thyatira batis</i>	14/07/2013	
Bee Moth	<i>Cameraria ohridella</i>	14/07/2013	
Poplar Hawk Moth	<i>Laothoe populi</i>	20/07/2013	
Slender Brindle	<i>Apamea scolopacina</i>	20/07/2013	
Clay	<i>Mythimna ferrago</i>	20/07/2013	
August Thorn	<i>Ennomus quercinaria</i>	20/07/2013	
Herald	<i>Scoliopteryx libatrix</i>	20/07/2013	
Dun-bar	<i>Cosmia trapezina</i>	20/07/2013	
Barred Straw	<i>Eulithis pyraliata</i>	20/07/2013	
V Pug	<i>Chloroclystis v-ata</i>	20/07/2013	
Barred Red	<i>Hylaea fasciaria</i>	20/07/2013	

Spectacle	<i>Abrostola tripartita</i>	20/07/2013	
Mother Of Pearl	<i>Pleuroptya ruralis</i>	21/07/2013	
Green Pug	<i>Pasiphila rectangulata</i>	21/07/2013	
Large Emerald	<i>Geometra papilionaria</i>	21/07/2013	
Heart And Club	<i>Agrotis clavis</i>	22/07/2013	
Mugwort Plume	<i>Hellinsia lienigianus</i>	22/07/2013	
Yellow-Tail	<i>Euproctis similis</i>	22/07/2013	
Small Fan-Footed Wave	<i>Idaea biselata</i>	22/07/2013	
Black Arches	<i>Lymantria monacha</i>	27/07/2013	Local
Marbled Beauty	<i>Cryphia domestica</i>	27/07/2013	
Scorched Carpet	<i>Ligdia adustata</i>	27/07/2013	Local
Silver Y Moth	<i>Autographa gamma</i>	27/07/2013	
Smoky Wainscot	<i>Mythimna impura</i>	27/07/2013	
Engrailed	<i>Ectropis bistortata</i>	02/08/2013	
Lesser Broad-Borded Yellow Underwing	<i>Noctua comes</i>	02/08/2013	
Scalloped Hook-tip	<i>Falcaria lacertinaria</i>	02/08/2013	
Cloaked Minor	<i>Mesoligia furuncula</i>	02/08/2013	
Large Yellow Underwing	<i>Noctua pronuda</i>	02/08/2013	
Mocha	<i>Cyclophora annularia</i>	02/08/2013	NB
Ear Moth	<i>Amphipoea oculea</i>	02/08/2013	
Lesser Common Rustic	<i>Mesapamea didyma</i>	02/08/2013	
Micro Moth	<i>Agapeta hamana</i>	02/08/2013	
Gold Triangle (Micro)	<i>Hypsopygia costalis</i>	02/08/2013	
Scarce Footman	<i>Eilma complana</i>	02/08/2013	
Ruby Tiger	<i>Phragmatobia fuliginosa fuliginosa</i>	03/08/2013	
Peeble Hook-Tip	<i>Drepana falcataria falcataria</i>	04/08/2013	Local
Least Carpet	<i>Idaea rusticata</i>	04/08/2013	
Dusky Thorn	<i>Ennomos fuscantaria</i>	10/08/2013	
Shuttle-Shaped Dart	<i>Agrotis puta</i>	10/08/2013	
Red Twin-spot Carpet	<i>Xanthorhoe spadicearia</i>	10/08/2013	
Coxcomb Prominent	<i>Ptilodon capucina</i>	12/08/2013	
Twin Spotted wainscot	<i>Archanara geminipuncta</i>	12/08/2013	
Micro Moth	<i>Roeslerstammia erxebella</i>	12/08/2013	
Micro Moth	<i>Agriphila geniculea</i>	12/08/2013	
Scalloped Oak	<i>Crocallis elinguaris</i>	17/08/2013	
Purple Thorn	<i>Selenia tetralunaria</i>	20/08/2013	
Square Spot Rustic	<i>Xestia xanthographa</i>	20/08/2013	
Micro Moth	<i>Apotomis betuletana</i>	20/08/2013	
Flounced Rustic	<i>Luperina testacea</i>	27/08/2013	
Sallow	<i>Xanthia icteritia</i>	21/09/2013	
Micro Moth	<i>Acleris emargana</i>	21/09/2013	

Black Rustic	Aporophyla nigra	25/09/2013	
Deep Brown Dart	Aporophyla lutulenta	05/10/2013	
Spruce Carpet	Thera britannica	19/10/2013	
Red-Lined Quaker	Agrochola lota	19/10/2013	
Blair's Shoulder-Knot	Lithophane leautieri	19/10/2013	
Yellow Horned Moth	Achlya flavicornis	08/03/2014	
March Moth	Alsophila aescularia	29/03/2014	
Oak Beauty	Biston strataria	29/03/2014	
Early Grey	Xylocampa areola	29/03/2014	
Clouded Drab	Orthosia incerta	29/03/2014	
Streamer	Anticlea derivata	29/03/2014	
Pale Pinion	Lithophane hepatica	02/04/2014	
Frosted Green	Polyploca ridens	02/04/2014	Local
Brindled Pug	Eupithecia abbreviata	05/04/2014	
Micro Moth	Caloptilia stigmatella	10/04/2014	
Waved Umber	Menophra abruptaria	18/04/2014	
Muslin Moth	Diaphora mendica	18/04/2014	
Least Black Arches	Nola confusalis	18/04/2014	Local
Early Tooth- striped	Trichopteryx carpinata	18/04/2014	
Chocolate Tip	Clostera curtula	30/04/2014	Local
Marbled Brown	Drymonia dodonaea	17/05/2014	Local
Micro Moth	Elachista argentella	17/05/2014	
Pale Tussock	Calliteara pudibunda	17/05/2014	
Micro Moth	Nematopogon swammerdamella	31/05/2014	
Green Silver-lines	Pseudoips prasinana	01/06/2014	
Micro Moth	Tinea semifulvella	01/06/2014	
Blotched Emerald	Comibaena pustulata	09/06/2014	Local
Variegated Golden Tortrix	Archips xylosteana	12/06/2014	
Micro Moth	Scoparia pyralella	12/06/2014	
Micro Moth	Celypha striana	28/06/2014	
Foxglove Pug	Eupithecia pulchellata	28/06/2014	
Currant Pug	Eupithecia assimilata	04/07/2014	
Micro Moth	Ypsolopha dentella	04/07/2014	
Yellow-Legged Clearwing	Synanthedon vespiformis	12/07/2014	NB
Waved Black	Parascotia fuliginaria	14/07/2014	
Little Emerald	Jodis lactearia	15/07/2014	
Micro Moth	Evergestis pallidata	22/07/2014	
Micro Moth	Heleystogramma rufescens	22/07/2014	
Micro Moth	Eana incunana	22/07/2014	
Micro Moth	Pommene fasciana	22/07/2014	

Micro Moth	<i>Acleris forsskaleana</i>	26/07/2014	
Micro Moth	<i>Acrobasis advenella</i>	27/07/2014	
Rusty Dot Pearl	<i>Udea ferrugalis</i>	23/08/2014	
Oak Lutestring	<i>Cymatophorima diluta</i>	12/09/2014	Local
Micro Moth	<i>Catoptria falsella</i>	12/09/2014	
Hoary Footman	<i>Eilema caniola</i>	14/09/2014	
Flounced Chestnut	<i>Agrochola helvola</i>	14/09/2014	
Autumnal Rustic	<i>Eugnorisma glareosa</i>	14/09/2014	
Vestal	<i>Rhodometra sacraria</i>	16/09/2014	
Orange Sallow	<i>Xanthia citrigo</i>	20/09/2014	
Brown Spot Pinion	<i>Agrochola litura</i>	30/09/2014	
Satellite	<i>Eupsilia transversa</i>	25/10/2014	
Feathered Thorn	<i>Colotois pennaria</i>	25/10/2014	
Figure of Eight	<i>Diloba caeruleocephala</i>	25/10/2014	
Merveille du Jour	<i>Griposia aprilina</i>	31/10/2014	
Mottled Umber	<i>Erannis defoliaria</i>	31/12/2014	
Lunar Marbled Brown	<i>Drymonia ruficornis</i>	18/04/2015	
Water Carpet	<i>Lampropterx suffumata</i>	24/04/2015	
Mullein Shark	<i>Cucullia verbasci</i>	24/04/2015	
Dark Sword-Grass	<i>Agrotis ipsilon</i>	13/05/2015	
Brown Silver-Line	<i>Petrophora chlorosata</i>	23/05/2015	
Dotted Chestnut	<i>Conistra rubiginea</i>	23/05/2015	
Light Brocade	<i>Lacanobia w-latinum</i>	25/05/2015	
Pale Oak Beauty	<i>Hypomecis punctinalis</i>	26/05/2015	
Pale Mottled Willow	<i>Paradrina clavipalpis</i>	24/06/2015	
Ghost Moth	<i>Hepialus humuli</i>	02/07/2015	
Festoon	<i>Apoda limacodes</i>	02/07/2015	
July Highflyer	<i>Hydriomena furcata</i>	02/07/2015	
The Miller	<i>Acronicta leporina</i>	02/07/2015	
Plain Golden Y	<i>Autographa jota</i>	02/07/2015	
Micro Moth	<i>Celypha rosaceana</i>	03/07/2015	
Micro Moth	<i>Ypsolopha sequella</i>	08/07/2015	
Tawny Barred Angle	<i>Macaria liturata</i>	08/07/2015	
Light Arches	<i>Apamea lithoxylaea</i>	08/07/2015	
Small Blood Vein	<i>Scopula imitaria</i>	08/07/2015	
Treble Brown Spot	<i>Idaea trigeminata</i>	08/07/2015	Local
Kent Black Arches	<i>Meganola albula</i>	11/07/2015	NB
Poplar Grey	<i>Subacronicta megacephala</i>	11/07/2015	
European Corn Borer	<i>Ostrinia nubilalis</i>	17/07/2015	
Small Angle Shades	<i>Euplexia lucipara</i>	17/07/2015	
Scarce Silver-lines	<i>Bena bicolorana</i>	04/08/2015	Local
Micro Moth	<i>Lozotaeniodes formosana</i>	07/08/2015	

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Purple Bar	Cosmorhoe ocellata	19/08/2015	
Oak Processionary Moth	Thaumetopoea processionea	19/08/2015	
Small Mottled Willow	Spodoptera exigua	22/08/2015	
Pine Hawk Moth	Sphinx pinastri	22/08/2015	
Centre-Barred Sallow	Atethmia centrago	29/08/2015	
Micro Moth	Agriphila tristella	29/08/2015	
Pink Barred Sallow	Xanthia togata	13/09/2015	
Barred Sallow	Tiliacea aurago	13/09/2015	
Brindled Green	Dryobotodes eremita	20/09/2015	
Sallow	Cirrhia icteritia	20/09/2015	
Beaded Chestnut	Agrochola lychnidis	20/09/2015	
Red-Green Carpet	Chloroclysta siterata	08/10/2012	
Yellow-line Quaker	Agrochola macilenta	08/10/2015	
Scarce Umber	Agriopis aurantiaria	22/10/2015	
Pale November Moth	Epirrita christyi	29/10/2015	
Autumnal Moth	Epirrita autumnata	29/10/2015	
The Gem	Nycterosea obstipata	01/11/2015	
December Moth	Poecilocampa populi	27/11/2015	
Micro Moth	Poromix angelica	25/05/2016	
May Highflyer	Hydriomena impluviata	29/05/2016	
Poplar Kitten	Furcula bifida	29/05/2016	Local
Fox Moth	Macrothylacia rubi	30/05/2016	
Yellow-Barred Brindle	Acasis viretata	30/05/2016	
Diamond-Back Moth	Plutella xylostella	30/05/2016	
Micro Moth	Nematopogon metaxella	03/06/2016	
Broken- Barred Carpet	Electrophaes corylata	04/06/2016	
Grey Pine Carpet	Thera obeliscata	04/06/2016	
Micro Moth	Eudonia angustea	04/06/2016	
Small Dotted Buff	Photodes minima	04/06/2016	
Micro Moth	Agonopterix ocellana	04/06/2016	

Schedule 6: List of Orchids recorded in West Horsley

The following schedule provides a list of 12 Orchids recorded in West Horsley. For reasons of conservation the location of these orchids are not provided in this schedule.

Species	Conservation/Protection	Main Known Sites Resident	Frequency
Bird's nest Orchid			
Twayblade			
White Helleborine			
Broad-leaved Helleborine			
Narrow-lipped Helleborine			
Pyramidal Orchid			
Common Spotted Orchid			
Fragrant Orchid			
Early Purple Orchid			
Bee Orchid			
Greater Butterfly Orchid			
Fly Orchid			

Schedule 7: Other Species of Conservation Importance

Species	Conservation/ Protection	Main Known Sites Resident	Frequency
Roman Snail	*S5	Sheepleas	
Stag Beetle	*S5, BAP (Priority Species)	Whole Area	
Bluebell	S8	Sheepleas and Lollesworth Woods	
Yellow Birdsnest	* (Priority Species)	Sheepleas	