

WESTLETON COMMON



REPORT 2010

WESTLETON COMMON ANNUAL REPORT 2010

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Editorial

The year began with a bang. A village bonfire and firework display was held on the common on 1st January 2010. This had been planned by the Parish Council to take place in November, but due to weather conditions was delayed until January. This was a very successful, but extremely cold and frosty evening, and was enjoyed by the many people who attended.

The Parish Council applied for a Suffolk Acre grant to enable an access to the Noddle which would be suitable for elderly and less able. We are grateful for their support in this project, with special thanks to Roy Swindell, for all his work with the grant application. We were lucky enough to be successfully awarded this money, work to install the access should be done in early 2011.

The carpark area, between Bakers Lane and Mill Street was levelled, but because of heavy, prolonged rain was left in a muddy, unusable state. Further remedial work will be required.

I am sure you will agree 2010 has been busy on the common. A new event was the Geology day, which was informative and enjoyed by those who attended. We were sorry that due to ill health Michael Kirby was unable to continue the occasional "Whats on the Common " walks, which he had previously led. A tribute to Michael is included in this report.

We are grateful to all who have helped in any way on the common. Special thanks go to all who volunteered at work parties, carried out the numerous surveys, provided first aid cover and provided the very welcome refreshments. Also thanks to those who helped with the Village exhibition, compiling this report and the Social event, at which old photographs, taken by Alf Fisk were shown, Special thanks to David Rous for the use of his computer projector.

The year which had begun with snow did a complete circle and ended with another cold, snowy spell of weather.

Barbara Caines

Chair, Westleton Common Committee
May 2011

www.westletoncommongroup.org.uk

A Tribute to Michael Kirby

Michael died on February 4th 2011, and is greatly missed. He made an enormous contribution to our knowledge of the natural history of Westleton Common and aroused many people's interest in its importance. He was 'the' person to turn to when one found a curious insect, plant or fungus - if he didn't immediately know the answer himself, he would go to considerable trouble to find out, and return with precise information. He was particularly concerned about how the Common should be managed to encourage the many species which inhabit it. His studies included examining the life cycle of the "Ant-lion", the dragonfly-like insect which breeds on the Common, and the rare but locally plentiful Silver-studded Blue butterfly - seen each summer amongst the areas of heather; he also looked in depth at Gorse mites and Oak galls on the Common. Articles by him appeared regularly in the Suffolk Naturalist Society's journal "White Admiral" on these and other subjects. After the Moss and Lichen walks on the Common, Michael would bring his microscope and camera equipment so that the material collected could be seen magnified and studied more closely. But his knowledge and interest didn't stop there: in July 2010, at the Geology event on the Common, Michael engaged in lively conversation with the geologists about the age and origins of the "Westleton Beds" - another area in which he had a keen interest. We have lost a much valued member of our community, who through his knowledge of the many different aspects of natural history enhanced many people's appreciation of the treasure that is Westleton Common.

Juliet Bullimore



Michael Kirby with geologists (L to R) Roger Dixon, Howard Marks, Caroline and Bob Markham. July 2010

Bird Survey 2010

The breeding birds were surveyed as in the previous years.

Timing of Visits

10 visits were all early morning, mostly between 6.30 am - 8.00 am, on days when the weather was good with generally sunny, still days. The visits were every one to two weeks between March and July.

LIST OF SPECIES MAPS

1. Greenfinch, Coal tit, Goldcrest
2. Woodlark, Pied Wagtail, Goldfinch
3. Magpie, Jay, Cuckoo
4. Red-legged Partridge, Pheasant, Skylark
5. Bullfinch, Linnet
6. Green Woodpecker, Great Spotted Woodpecker
7. Mistle Thrush, Song Thrush, Lesser Whitethroat
8. Great Tit, Blue Tit
9. Robin
10. Chiffchaff, Willow Warbler
11. Yellowhammer, Wren
12. Chaffinch
13. Blackbird, Long Tailed Tit
14. Nightingale, Dunnock
15. Blackcap, Garden Warbler, Whitethroat
16. Turtle Dove, Collared Dove

The number of territories held by these species from 2004 to 2009 is shown in Appendix 1a.

Other records

Outside the breeding season, woodcock were notable in the winter months.

The full list of birds seen on and over the Common annually from 2004 to 2008 is shown in Appendix 1b.

Richard Drew

Butterflies 2010

Yet again butterfly numbers are down on a few years ago, and it was a late start with my first sighting this year of a Peacock on April 8th, a Speckled Wood on April 23rd and Green-veined White on April 29th.

During May and June Holly Blue and Large Whites appeared along with Common Blue, Silver-studded Blue, Red Admiral, Comma, Small Tortoiseshell and a single Gatekeeper.

The Butterfly walk on July 3rd was better than I had anticipated from my previous sightings. The day was hot and overcast with a light westerly wind. As I went out I saw my first Grayling for the year, but all the browns were late this year and Small Copper were absent too. In the former council dump we found a small colony of Common Blue and some of them settled for us to look closely at the undersides of their wings. We were delighted to find record numbers of Silver-studded Blues in many areas including a few on the Noddy.

On August 2nd I spent an hour and a half walking the same area that we covered on July 3rd, but it was a poor count, No Speckled Wood were seen despite good numbers during July and I searched in vain for White Admiral which had appeared briefly in my conservatory just before I set out. I saw more Silver Y moths than butterflies, and Meadow Brown are very scarce this year.

Large Whites were certainly the most commonly seen butterflies late in the season, but Speckled Wood were around quite late. The most significant low numbers were for Gatekeeper and Meadow Brown. I saw no Painted Lady on the common this year and only one in my garden.

Hazel Leggett

Butterfly Count on Common 2010

July 3rd 2010 Area to the west of Mill Street (Main Area of Common)

Green-veined White	4
Large White	2
Red Admiral	3
Small Tortoiseshell	2
Speckled Wood	3
Common Blue	12
Silver-studded Blue	100+
Ringlet	3
Meadow Brown	2

August 2nd 2010 Area to west of Mill Street (Main Area of Common)

Gatekeeper	11
Large White	11
Small White	2
Green Veined White	3
Meadow Brown	2
Grayling	2
Small Copper	2

August 5th 2010 Old Football Field and tracks between Mill street and Bakers Lane

Large White	13
Small White	4
Green-veined White	2
Small Copper	6
Holly Blue	1
Peacock	1
Grayling	2
Gatekeeper	6
Meadow Brown	2

Silver-Studded Blue Butterfly report 2010

With the cold winter and rather funny spring the Butterflies seemed to be late this year , first was spotted in the first week in June. Then they were seen in increasing numbers . On the old football pitch the numbers seem to be recovering, this I think is due to the cutting of the heather giving the silver-studded Butterflies shelter belts and sunning areas.

I visited the sites during June and July with the best visit on 27.06.2010 with a total of 444 with 383 males and 61 females.

At the beginning of July the numbers started to drop off , by the end of July the Silver Studded Blue butterfly were harder to find.



Photo by David Rous

Reptiles 2010

This year reptiles were few and far between with not many sightings. Even with the Tin placed around the site the reptile numbers were low, this was probably due to the cold winter. As a result I didn't record any reptiles until the end of April. I only saw 1 male Adder this year and 3 slowworms on the main area. Also about 4 Common Lizards on the old football pitch.

Also throughout the year there was limited numbers spotted.



Photo of Female Adder by David Rous

Lichens 2010

The lichens of Westleton Common, Thursday April 8th and Saturday 10th 2010

GR 62/44.68.

C. J. B. Hitch

Following on from the excursion to Westleton Common in 2009, a repeat walk was carried out in 2010 and it was decided, that because most of the time had been spent looking at the sandy heath and pebbles embedded in the sand last time, it would be a change to concentrate on the lichens of the trees.

The visit of Thursday April 8th was used to examine the site and note which would be the most profitable places to stop at and point out the lichens present.

A list of 45 lichen species and 2 lichenicolous fungi (fungi that grow on or in lichen thalli) seen during the two visits, together with a slight indication of what they looked like and the substrates on which they were growing, are given in Table 1 below, in the order in which they were recorded.

Species seen on Thursday are noted to that effect, as the time available on the Saturday, did not allow all the sites available to be looked at.

'Soil' was not totally ignored and in fact, several stops were made. Initially a *Peltigera* species was pointed out, which was fairly abundant in the turf, near the car park area and a little further away an exposed stony bank was looked at, where *Placynthiella icmalea* was noted.

Of the trees looked at, mature sycamore and oak were initially studied and a good number of species were recorded from both porophytes, with 12 from the sycamore and 6 from the oak. Sycamore is a better tree for lichen growth than oak in Suffolk due to factors such as acidity of the bark, base richness and rainfall. Oak is a much more acidic bark than sycamore due to the presence of tannic acid and with acid rain pollution and low rainfall, where leaching does not occur to a great extent, lichens do not colonise so well, but with the decrease in pollution levels more lichens are appearing in suitable situations.

The first sycamore and hawthorn trees looked at, near the car park had a good cover of *Xanthoria* and *Physcia* species, elements of the Xanthorion community, turning the branches golden yellow and grey. Both these lichens benefit from high levels of gaseous nitrogen, given off from car exhausts and the same effect is often noted nowadays on trees along the sides of roads.

Further onto the Common, this effect was less noticeable and a well-protected oak, asterisked, at the bottom of the slope had two exciting finds. On the bole a small thallus of *Ochrolechia androgyna* was seen and on one of the branches a large thallus of *Physcia aipolia* was noted. Both these species are rare in Suffolk, so it was very nice to find them.

One other lichen of note was *Caloplaca oasis*, growing on a lump of concrete

on the ground. It has only recently been described, as a split from *Caloplaca holocarpa* and often grows on thalli of another lichen *Verrucaria baldensis*, hence the name, however, not it was growing directly on the rock in this instance.

Table 1. Lichen species with noteworthy characteristics and substrate preference.

Grassy/mossy sand (Car park Area)

Peltigera canina var *canina* (woolly on top, bushy rhizines [roots] below)

Sycamore (*Acer pseudoplatanus*)

Xanthoria parietina (big yellow foliose, K+p)

X. parietina with *Xanthoriicola physciae* (black soot on the fruits)

X. polycarpa (tiny yellow thallus piled with fruits, K+p)

Physcia adscendens (lobe ends hooded, ciliate [“roots” not attached])

P. tenella (lobe ends reflexed, ciliate)

Melanelixia subaurifera (brown foliose on branches)

Lecanora chlarotera (crustose, grey, brown discs)

Lecidella elaeochroma (crustose, greenish, black discs)

Lecanora expallens (yellowish powdery, sunny)

Amandinea punctata (black fruits, little thallus)

Punctelia subrudecta (grey foliose, sorediate [powdery patches], C+r)

Parmelia sulcata (grey foliose, with white lines, sorediate, K+y)

Hawthorn (*Crataegus monogyna*)

Physcia adscendens

P. tenella

Xanthoria parietina

X. polycarpa

Melanelixia subaurifera

Xanthoria polycarpa with *Lichenocodium xanthoriae*

Oak (*Quercus*)

Parmelia sulcata

Flavoparmelia caperata (yellow green foliose)

Evernia prunastri (fruiticose [bushy] yellowish on top, whitish below)

Lecanora chlarotera

Lecanora expallens

Lepraria incana (leprose [granular], grey, in shade)

Stony sand of bank

Placynthiella icmalea (blackish isidiate [with finger-like projections, c.fr.])

Oak (*Quercus*)

Cliostomum griffithii (pycnidiate, black specks on a white thallus)
Ramalina farinacea (fruiticose, thallus same colour back and front)
Amnandinea punctata

Rowan twigs (*Sorbus aucuparia*)

Arthonia radiata (Thursday – white thallus on twigs, fruits stellate)

Oak (*Quercus*)

Chaenotheca sp. (pinhead lichen)

Oak (*Quercus*)

Cliostomum griffithii (c.fr. discs greyish black)

Elder (*Sambucus nigra*)

Lecania cyrtella (Thursday – discs swollen piebald)

Oak (*Quercus*)

Candelariella reflexa (yellow granular, K-)

Xanthoria candelaria (Thursday – thallus with soredia on tips of lobes)

Mossy soil

Cladonia rangiformis (thallus branched, hollow, greyish white, with greenish islands right to the tips)

Mossy soil

Peltigera hymenina (glossy on top, pale below and rhizines peg-like)

****Oak** (*Quercus*)

Physcia aipolia (thallus flecked with white, no cilia and discs blue black)

Ramalina fastigiata (fruits at the ends of inflated lobes)

Candelariella reflexa (K-)

Ochrolechia androgyna (greyish white with yellowish soredia)

Ramalina farinacea

Lecanora carpinea (like *L. chlorotera*, but discs floury)

Opens sand top of hill with Polytrichum commune

Cladonia portentosa (thallus greenish yellow, branched in all directions)

C. diversa (yellowish cups, coarse granules, red pycnidia and fruits)

C. cervicornis var. *cervicornis* (squamules mauvish white on the underside, folding over when dry)

C. furcata (cf *C. rangiformis*, but colour brown, continuous)

C. chlorophaea (cone shaped cups, brown fruits on margins)

C. floerkeana (“Bengal match lichen”, greeny brown stalks and red fruits)

Cetraria aculeata (shiny chestnut coloured spiky stems)

Wooden seat

Lecanora conizaeoides (Thursday – greeny yellow granular thallus and fruits)

Lecanora symmicta (Thursday – yellowish thallus and fruits)

Lecanora aitema (Thursday – no thallus and blackish fruits)
Buellia griseovirens (Thursday – ash grey soralia abrading yellowish)

Trees in wooded area other side of steps in quarry area

Lepraria incana (Thursday - abundant)

Quarry floor

Cladonia portentosa (luxurious and abundant)

C. ciliata var. *tenuis* (Thursday - yellowish, tips of thalli swept over like a clawed hand)

Hypogymnia physodes (grey foliose, with terminal soredia)

Rhizocarpon reductum (brownish crustose areolate thallus, with black fruits, on stones)

Cetraria aculeata

Stony sandy bank

Cladonia cervicornis var. *cervicornis* (Thursday)

Rhizocarpon reductum (Thursday)

Concrete

Caloplaca citrina (golden, granular [soredia] K+p)

Caloplaca oasis (??? *C. holocarpalithophila* (orange fruits no thallus, K+p)

Verrucaria nigrescens (brown-black with pyrenocarp fruits)

Mossy turf

Cetraria aculeata (Thursday)

Notes:

All *Cladonia* sp are hollow stemmed. Compare *Cetraria aculeata*, which might be mistaken for a *Cladonia*, but has solid spiky stems.

Most thalli had fruits which were open discs (apothecia). *Verrucaria nigrescens* had closed flasks (perithecia).

c. fr. stands for *con fructu*, meaning with fruits.

K is the symbol used for Potassium hydroxide (KOH) solution. For some of the yellow lichens a spot on the thallus gives a positive purple colour, which aids identification.

C is the symbol used for Calcium hypochlorite (household bleach), which may colour the thallus scarlet and which aids identification.

MANAGEMENT 2010

Work parties

We had six work parties over the year with an average of 12 people at each working party. All were held on the 3rd Saturday of the month.

JAN 2010

..Cancelled due to snow

FEB 2010

12 people working on area 6a as part of Rotational gorse coppice.

Which resulted in an area of about 1/2 acre cut and removed.

30 Man hours for this party.

MARCH 2010

11 People for glade making in areas 6,5 and 6b this was done to improve the areas and give sheltered glades for the Silver-Studded Blue Butterflies.

28 Man hours for this party.

APRIL 2010

10 People for general tidy up, footpaths cut back and litter picking.

25 Man hours for this party.

SEPTEMBER 2010

14 people for cutting gorse in area 2. 10% of total area.

35 man hours for this party.

October 2010

On October 5th, 12th we had extra work parties with the SCDC Rangers cutting

down some trees and clearing an area of gorse in area 5.



Photo by Juliet Bullimore

5th 4 people +2 Rangers resulted in 20 man hours

12th 6 people +2 Rangers resulted in 30 man hours.

November 2010

On 15th had SCDC Rangers clear a area of gorse in area 5 .

This party had 2 rangers and 6 people helping(2 did half days) resulting in 30 man hours.

12 people clearing up after the rangers and dragging to our bonfire site for firework.

30 man hours.



Photo by Juliet Bullimore

As you see the volunteers are a hardy lot.

Resulting with a total of 228 man hours over the year.

Westleton Common Fungi Report 2010

This was a vintage year for fungi and there were spectacular displays on the Common. For nearly two weeks there were at least fifty of the familiar red and white spotted Fly agaric (*Amanita muscaria*) under a group of birch trees in the centre of the Common.

Several new records included the Shooting star (*Sphaerobolus stellatus*). The tiny fruit bodies, 2-3mm. diam., are partially embedded in dead wood and each contains a single ball of spores which is ejected with considerable force by a catapult mechanism. The spore ball can travel a considerable distance.

The pale yellow Club fungus (*Clavaria argillacea*), always associated with clumps of heather (*Erica carnea*), was seen in profusion on the lower slopes of the Common but had disappeared from its usual site near the seat at the far end of the Common.

Two forays were held this year, one in October and one in November to enjoy and record these displays.





Parasol (*Macrolepiota procera*)



The Deceiver (*Laccaria laccata*)



Ear fungus (*Auricularia auricula-judae*)



Earth fan (*Thelephora terrestris*)

<u>Westleton Common Fungi 2010</u>	
	-
Latin Name	Common Name
<i>Amanita fulva</i>	Tawny grisette
<i>Amanita gemmata</i>	Jewelled amanita
<i>Amanita muscaria</i>	Fly agaric
<i>Amanita phalloides</i>	Deathcap
<i>Amanita rubescens</i>	Blusher
<i>Armillaria mellea</i>	Honey fungus
<i>Ascocoryne sarcoides</i>	Purple jellydisc
<i>Auricularia auricula-judae</i>	Ear Fungus
<i>Bjerkandera adusta</i>	Smoky bracket
<i>Boletus chrysenteron</i>	Red-cracked bolete
<i>Chlorociboria aeruginascens</i>	Green elfcap
<i>Chondrostereum purpureum</i>	Silverleaf fungus
<i>Clavaria argillacea</i>	Moor club
<i>Clavulina coralloides</i>	Crested coral
<i>Clitocybe gibba</i>	Common funnel
<i>Clitocybe nebularis</i>	Clouded funnel
<i>Collybia dryophila</i>	Russet tough shank
<i>Collybia erythropus</i>	Redleg tough shank
<i>Collybia fusipes</i>	Spindleshank
<i>Collybia maculata</i>	Spotted toughshank
<i>Collybia peronata</i>	Wood woollyfoot
<i>Coprinus disseminatus</i>	Fairy inkcap
<i>Cortinarius sp.</i>	Webcap
<i>Crepidotus sp</i>	Oysterling
<i>Cystoderma amianthinum</i>	Earthy powdercap
<i>Dacrymyces stillatus</i>	Common jellyspot
<i>Daedaleopsis confragosa</i>	Blushing bracket
<i>Entoloma sp.</i>	Pink gill
<i>Flammulina velutipes</i>	Velvet shank
<i>Galerina hypnorum</i>	Moss bell
<i>Geoglossum sp.</i>	Earth tongue
<i>Hebeloma crustuliniforme</i>	Poison pie
<i>Hygrophoropsis aurantiaca</i>	False chanterelle
<i>Hymenoscyphus fructigenus</i>	Cup fungus on acorn
<i>Hypholoma fasciculare</i>	Sulphur tuft
<i>Laccaria amethystina</i>	Amethyst deceiver
<i>Laccaria laccata</i>	The deceiver
<i>Lactarius glyciosmus</i>	Coconut milkcap
<i>Lactarius quietus</i>	Oak milkcap
<i>Lactarius turpis</i>	Ugly milkcap
<i>Leccinum scabrum</i>	Brown birch bolete
<i>Lepista flaccida</i>	Tawny funnel
<i>Lepista nuda</i>	Wood blewit

<i>Lycoperdon nigrescens</i>	Dusky puffball
<i>Lycoperdon perlatum</i>	Common puffball
<i>Macrolepiota procera</i>	Parasol
<i>Macrolepiota rhacodes</i>	Shaggy parasol
<i>Macrotypophula fistulosa</i>	Pipe club
<i>Marasmius androsaceus</i>	Horsehair parachute
<i>Microsphaera alphitoides</i>	Oak mildew
<i>Mycena epipterygia</i>	Yellowleg bonnet
<i>Mycena galericulata</i>	Common bonnet
<i>Mycena galopus var. nigra</i>	Black milking bonnet
<i>Octospora humosa</i>	Cup fungus with moss <i>Polytrichum sp.</i>
<i>Octospora rutilans</i>	Cup fungus with moss <i>Polytrichum sp.</i>
<i>Otidea bufonia</i>	Toad's ear
<i>Otidea onotica</i>	Hare's ear
<i>Paxillus involutus</i>	Brown roll-rim
<i>Peniophora incarnata</i>	Rosycrust
<i>Phallus impudicus</i>	Stinkhorn
<i>Piptoporus betulinus</i>	Birch polypore
<i>Pleurotus ostreatus</i>	Oyster mushroom
<i>Pluteus cervinus</i>	Deer shield
<i>Polyporus tuberaster</i>	Tuberous polypore
<i>Psathyrella piluliformis</i>	Common stump brittlestem
<i>Rhytisma acerinum</i>	Tar spot on sycamore
<i>Rickenella fibula</i>	Orange moss cap
<i>Russula spp.</i>	Brittle gill
<i>Scleroderma citrinum</i>	Common earthball
<i>Sphaerobolus stellatus</i>	Shooting star
<i>Stereum hirsutum</i>	Hairy curtain crust
<i>Thelephora terrestris</i>	Earth fan
<i>Trametes gibbosa</i>	Lumpy bracket
<i>Trametes versicolor</i>	Turkeytail
<i>Tremella mesenterica</i>	Yellow brain fungus
<i>Tricholoma fulvum</i>	Birch knight
<i>Xylaria hypoxylon</i>	Candlesnuff fungus

Juliet Bullimore, Sheila Francis and Alison Paul

Appendix 1a. Birds - Breeding Territories 2004-2010

	2004	2005	2006	2007	2008	2009	2010
Shelduck					1	0	0
Sparrowhawk	1	1	1	1	1	1	1
Kestrel	1	0	0	0	1	1	1
Red-legged Partridge	1	0	1	0	0	0	0
Pheasant	1	1	1	2	2	1	1
Collared Dove	2	2	2	2	2	1	1
Turtle Dove	2	3	2	2	1	1	1
Cuckoo	1	1	1	1	1	1	0
Tawny Owl		1	1	1	2	1	1
Nightjar	1	1	1	0	1	0	1
Swift	1	0	0	0	0	0	0
Green Woodpecker	2	2	2	2	2	3	2
Great Spotted Woodpecker	1	2	1	1	1	1	1
Skylark	1	1	1	1	1	0	0
Woodlark	2	2	1	2	2	2	1
Pied Wagtail	1	1	1	1	2	1	0
Wren	15	16	13	14	13	10	10
Dunnock	6	10	5	9	6	9	7
Robin	12	12	10	11	12	12	13
Nightingale	8	9	10	9	9	6	10
Blackbird	8	9	9	9	8	8	7
Song Thrush	2	4	3	3	4	4	3
Mistle Thrush	2	1	1	1	1	1	1
Lesser Whitethroat	2	4	2	3	4	1	3
Whitethroat	3	4	4	3	2	2	2
Blackcap	3	4	4	3	5	5	7
Garden Warbler	4	5	5	3	4	4	2
Willow Warbler	5	4	3	3	1	4	2
Chiffchaff	9	7	7	11	12	12	11
Goldcrest	2	1	1	2	2	0	0
Firecrest					1	0	0

Blue Tit	12	11	8	12	10	7	8
Great Tit	5	9	8	9	7	9	9
Coal Tit	1	2	2	1	1	2	2
Long Tailed Tit	3	2	2	4	3	2	2
Jay	1	1	1	1	1	2	2
Magpie	4	2	2	2	2	3	2
Carrion Crow					1	0	0
Chaffinch	19	20	19	18	20	20	18
Greenfinch	12	7	12	14	15	10	10
Goldfinch	1	1	1	1	1	1	1
Bullfinch	2	3	3	2	3	1	1
Linnet	4	5	5	4	4	4	5
Yellowhammer	7	6	6	4	5	3	3
Woodpigeon - Bred but not included in Survey							

ADDITIONAL RECORDS 2010

Woodcock max 5 3rd February

Dartford Warbler 1 24th April

Buzzard 1 26th April

Bar-tailed Godwit 4 8th May

Peregrine Falcon 1 9th may

Hobby and Marsh Harrier - Recorded fairly regularly in the summer.

Appendix 1b. Birds - Total recorded 2004-2010

Cormorant	<i>Phalacrocorax carbo</i>
Little Egret	<i>Egretta garzetta</i>
Grey Heron	<i>Ardea cinerea</i>
Mute Swan	<i>Cygnus olor</i>
Bewick's Swan	<i>Cygnus columbianus</i>
Whooper Swan	<i>Cygnus cygnus</i>
Greylag Goose	<i>Anser anser</i>
Canada Goose	<i>Branta canadensis</i>
Barnacle Goose	<i>Branta leucopsis</i>
Red-breasted Goose	<i>Branta ruficollis</i>
Shelduck	<i>Tadorna tadorna</i>
Wigeon	<i>Anas penelope</i>
Teal	<i>Anas crecca</i>
Mallard	<i>Anas platyrhynchos</i>
Red Kite	<i>Milvus milvus</i>
Marsh Harrier	<i>Circus aeruginosus</i>
Hen Harrier	<i>Circus cyaneus</i>
Goshawk	<i>Accipiter gentilis</i>
Sparrowhawk	<i>Accipiter nisus</i>
Kestrel	<i>Falco tinnunculus</i>
Merlin	<i>Falco columbarius</i>
Hobby	<i>Falco subbuteo</i>
Peregrine	<i>Falco peregrinus</i>
Red-legged Partridge	<i>Alectoris rufa</i>
Quail	<i>Coturnix coturnix</i>
Pheasant	<i>Phasianus colchicus</i>
Moorhen	<i>Gallinula chloropus</i>
Oystercatcher	<i>Haematopus ostralegus</i>
Stone Curlew	<i>Burhinus oedicephalus</i>
Ringed Plover	<i>Charadrius hiaticula</i>
Golden Plover	<i>Pluvialis apricaria</i>
Lapwing	<i>Vanellus vanellus</i>
Snipe	<i>Gallinago gallinago</i>
Woodcock	<i>Scolopax rusticola</i>
Whimbrel	<i>Numenius phaeopus</i>
Curlew	<i>Numenius arquata</i>
Redshank	<i>Tringa totanus</i>
Greenshank	<i>Tringa nebularia</i>
Green Sandpiper	<i>Tringa ochropus</i>
Mediterranean Gull	<i>Larus melanocephalus</i>
Black-headed Gull	<i>Larus ridibundus</i>

Common Gull	<i>Larus canus</i>
Great Black-backed Gull	<i>Larus marinus</i>
Lesser Black-backed Gull	<i>Larus fuscus</i>
Herring Gull	<i>Larus argentatus</i>
Stock Dove	<i>Columba oenas</i>
Woodpigeon	<i>Columba palumbus</i>
Collared Dove	<i>Streptopelia decaocto</i>
Turtle Dove	<i>Streptopelia turtur</i>
Cuckoo	<i>Cuculus canorus</i>
Barn Owl	<i>Tyto alba</i>
Little Owl	<i>Athene noctua</i>
Tawny Owl	<i>Strix aluco</i>
Nightjar	<i>Caprimulgus europaeus</i>
Swift	<i>Apus apus</i>
Hoopoe	<i>Upupa epops</i>
Wryneck	<i>Jynx torquilla</i>
Green Woodpecker	<i>Picus viridis</i>
Great Spotted Woodpecker	<i>Dendrocopus major</i>
Woodlark	<i>Lullula arborea</i>
Skylark	<i>Alauda arvensis</i>
Sand Martin	<i>Riparia riparia</i>
Swallow	<i>Hirundo rustica</i>
House Martin	<i>Delichon urbica</i>
Tree Pipit	<i>Anthus trivialis</i>
Meadow Pipit	<i>Anthus pratensis</i>
Grey Wagtail	<i>Motacilla cinerea</i>
Pied Wagtail	<i>Motacilla alba yarrellii</i>
Waxwing	<i>Bombycilla garrulous</i>
Wren	<i>Troglodytes troglodytes</i>
Dunnock	<i>Prunella modularis</i>
Robin	<i>Erithacus rubecula</i>
Nightingale	<i>Luscinia megarhynchos</i>
Wheatear	<i>Oenanthe oenanthe</i>
Blackbird	<i>Turdus merula</i>
Fieldfare	<i>Turdus pilaris</i>
Song Thrush	<i>Turdus philomelos</i>
Redwing	<i>Turdus iliacus</i>
Mistle Thrush	<i>Turdus viscivorus</i>
Reed Warbler	<i>Acrocephalus scirpaceus</i>
Dartford Warbler	<i>Sylvia undata</i>
Lesser Whitethroat	<i>Sylvia curruca</i>
Whitethroat	<i>Sylvia communis</i>

Garden Warbler	<i>Sylvia borin</i>
Blackcap	<i>Sylvia atricapilla</i>
Chiffchaff	<i>Phylloscopus collybita</i>
Willow Warbler	<i>Phylloscopus trochilus</i>
Goldcrest	<i>Regulus regulus</i>
Firecrest	<i>Regulus ignicapillus</i>
Spotted Flycatcher	<i>Muscicapa striata</i>
Long-tailed Tit	<i>Aegithalos caudatus</i>
Marsh Tit	<i>Parus palustris</i>
Coal Tit	<i>Parus ater</i>
Blue Tit	<i>Parus caeruleus</i>
Great Tit	<i>Parus major</i>
Treecreeper	<i>Certhia familiaris</i>
Golden Oriole	<i>Oriolus oriolus</i>
Jay	<i>Garrulus glandarius</i>
Magpie	<i>Pica pica</i>
Jackdaw	<i>Corvus monedula</i>
Rook	<i>Corvus frugilegus</i>
Carrion Crow	<i>Corvus corone</i>
Starling	<i>Sturnus vulgaris</i>
House Sparrow	<i>Passer domesticus</i>
Chaffinch	<i>Fringilla coelebs</i>
Brambling	<i>Fringilla montifringilla</i>
Greenfinch	<i>Carduelis chloris</i>
Goldfinch	<i>Carduelis carduelis</i>
Siskin	<i>Carduelis spinus</i>
Linnet	<i>Carduelis cannabina</i>
Redpoll	<i>Carduelis flammea</i>
Lesser Redpoll	<i>Carduelis cabaret</i>
Bullfinch	<i>Pyrrhula pyrrhula</i>
Yellowhammer	<i>Emberiza citronella</i>

Richard Drew and
Doug Ireland

In 2009, a Buzzard,
(*Buteo buteo*) was
seen over the
Common (Hazel
Leggett)

Appendix 2a. Butterflies and Dragonflies 2004-2010

Butterflies		2	2	2	2	2	2	2
		0	0	0	0	0	0	0
		0	0	0	0	0	0	1
		4	5	6	7	8	9	0
Skipper			*					
Clouded Yellow	Colias croceus			*				
Large White	Pieris brassicae	*	*	*	*	*	*	*
Small White	Pieris rapae	*	*			*		
Green-veined White	Pieris napi	*	*	*	*	*	*	*
Orange Tip	Anthocharis cardamines	*	*	*	*	*	*	
Green Hairstreak	Callophrys rubi	*			*			*
Purple Hairstreak	Quercusia quercus		*			*	*	
Small Copper	Lycaena phlaeas	*	*	*	*	*	*	*
Silver-studded Blue	Plebejus argus	*	*	*	*	*	*	*
Brown Argus	Aricia agestis					*		
Common Blue	Polyommatus icarus	*	*			*	*	*
Holly Blue	Celastrina argiolus	*	*	*	*	*	*	
White Admiral	Ladoga camilla				*			*
Red Admiral	Vanessa atalanta	*	*	*	*	*	*	*
Painted Lady	Cynthia cardui	*	*	*	*		*	
Small Tortoiseshell	Aglais urticae	*	*	*	*		*	*
Peacock	Inachis io	*	*	*	*	*	*	*
Comma	Polygonia c-album	*	*	*	*	*	*	*

Speckled Wood	Pararge aegeria	*	*	*	*	*	*	*
Wall	Lasiommata megera	*			*	*		
Grayling	Hipparchia semele	*	*	*	*	*	*	*
Gatekeeper	Maniola tithonus	*	*	*	*	*	*	*
Meadow Brown	Maniola jurtina	*	*	*	*	*	*	*
Small Heath	Coenonympha pamphilus	*	*	*		*		*

Dragonflies

Broad-bodied Chaser	Libellula depressa
Black-tailed Skimmer	Orthetrum canvellatum
Four-spotted Chaser	Libellula quadrimaculata
Emperor Dragonfly	Anax imperator
Azure Damselfly	Coenagrion pulla
Common Darter	Sympetrum striolatum
Southern Hawker	Aesha cyenea

(Records were only noted in certain years, though dragonflies were seen other times)

Appendix 2b. Moths 2007

Moths recorded in 2007

Code	Scientific	Vernacular
15	<i>Hepialus sylvina</i>	Orange Swift
228	<i>Monopis weaverella</i>	
436	<i>Pseudoswammerdamia combinella</i>	
544	<i>Coleophora albicosta</i>	
641	<i>Batia lambdella</i>	
658	<i>Carcina quercana</i>	
774	<i>Teleiodes luculella</i>	
776	<i>Teleiopsis diffinis</i>	
796	<i>Aroga velocella</i>	
797	<i>Neofaculta ericetella</i>	
873	<i>Blastobasis lignea</i>	
874	<i>Blastobasis decolorella</i>	
965	<i>Cochylis hybridella</i>	
1076	<i>Celypha lacunana</i>	
1082	<i>Hedya pruniana</i>	Plum Tortrix
1093	<i>Apotomis betuletana</i>	
1120	<i>Ancylis mitterbacheriana</i>	
1134	<i>Epinotia ramella</i>	
1169	<i>Gypsonoma dealbana</i>	
1205	<i>Spilonota ocellana</i>	Bud Moth
1255	<i>Cydia succedana</i>	
1260	<i>Cydia splendana</i>	
1301	<i>Crambus lathoniellus</i>	
1304	<i>Agriphila straminella</i>	
1305	<i>Agriphila tristella</i>	
1306	<i>Agriphila inquinatella</i>	
1307	<i>Agriphila latistria</i>	
1313	<i>Catoptria pinella</i>	
1323	<i>Pediasia contaminella</i>	
1325	<i>Platytes alpinella</i>	
1334	<i>Scoparia ambigualis</i>	
1340	<i>Eudonia truncicolella</i>	
1356	<i>Evergestis forficalis</i>	Garden Pebble
1424	<i>Endotricha flammealis</i>	
1433	<i>Cryptoblabes bistriga</i>	
1470	<i>Euzophera pinguis</i>	

1485	<i>Phycitodes maritima</i>	
1645	<i>Falcaria lacertinaria</i>	Scalloped Hook-tip
1651	<i>Cilix glaucata</i>	Chinese Character
1652	<i>Thyatira batis</i>	Peach Blossom
1677	<i>Cyclophora albipunctata</i>	Birch Mocha
1680	<i>Cyclophora punctaria</i>	Maiden's Blush
1707	<i>Idaea seriata</i>	Small Dusty Wave
1712	<i>Idaea emarginata</i>	Small Scallop
1713	<i>Idaea aversata</i>	Riband Wave
1738	<i>Epirrhoe alternata</i>	Common Carpet
1752	<i>Cosmorhoe ocellata</i>	Purple Bar
1764	<i>Chloroclysta truncata</i>	Common Marbled Carpet
1776	<i>Colostygia pectinataria</i>	Green Carpet
1803	<i>Perizoma alchemillata</i>	Small Rivulet
1819	<i>Eupithecia exiguata</i>	Mottled Pug
1825	<i>Eupithecia centaureata</i>	Lime-speck Pug
1838	<i>Eupithecia icterata</i>	Tawny Speckled Pug
1862	<i>Gymnoscelis rufifasciata</i>	Double-striped Pug
1884	<i>Abraxas grossulariata</i>	Magpie
1889	<i>Macaria notata</i>	Peacock Moth
1890	<i>Macaria alternata</i>	Sharp-angled Peacock
1906	<i>Opisthograptis luteolata</i>	Brimstone Moth
1913	<i>Ennomos alniaria</i>	Canary-shouldered Thorn
1921	<i>Crocallis elinguaris</i>	Scalloped Oak
1937	<i>Peribatodes rhomboidaria</i>	Willow Beauty
1961	<i>Campaea margaritata</i>	Light Emerald
1978	<i>Hyloicus pinastri</i>	Pine Hawk-moth
1979	<i>Mimas tiliae</i>	Lime Hawk-moth
1997	<i>Furcula furcula</i>	Sallow Kitten
2003	<i>Notodonta ziczac</i>	Pebble Prominent
2005	<i>Peridea anceps</i>	Great Prominent
2006	<i>Pheosia gnoma</i>	Lesser Swallow Prominent
2007	<i>Pheosia tremula</i>	Swallow Prominent
2008	<i>Ptilodon capucina</i>	Coxcomb Prominent
2011	<i>Pterostoma palpina</i>	Pale Prominent
2014	<i>Drymonia dodonaea</i>	Marbled Brown
2028	<i>Calliteara pudibunda</i>	Pale Tussock
2033	<i>Lymantria monacha</i>	Black Arches
2043	<i>Eilema sororcula</i>	Orange Footman
2044	<i>Eilema griseola</i>	Dingy Footman
2047	<i>Eilema complana</i>	Scarce Footman
2058	<i>Arctia villica</i>	Cream-spot Tiger
2060	<i>Spilosoma lubricipeda</i>	White Ermine
2081	<i>Euxoa tritici</i>	White-line Dart
2085	<i>Agrotis vestigialis</i>	Archer's Dart

2087	<i>Agrotis segetum</i>	Turnip Moth
2089	<i>Agrotis exclamationis</i>	Heart & Dart
2092	<i>Agrotis puta</i>	Shuttle-shaped Dart
2102	<i>Ochropleura plecta</i>	Flame Shoulder
2107	<i>Noctua pronuba</i>	Large Yellow Underwing
2109	<i>Noctua comes</i>	Lesser Yellow Underwing
		Lesser Broad-bordered Yellow Underwing
2111	<i>Noctua janthe</i>	
2118	<i>Lycophotia porphyrea</i>	True Lover's Knot
2123	<i>Diarsia rubi</i>	Small Square-spot
2126	<i>Xestia c-nigrum</i>	Setaceous Hebrew Character
2131	<i>Xestia rhomboidea</i>	Square-spotted Clay
2134	<i>Xestia xanthographa</i>	Square-spot Rustic
2145	<i>Discestra trifolii</i>	Nutmeg
2154	<i>Mamestra brassicae</i>	Cabbage Moth
2157	<i>Lacanobia w-latinum</i>	Light Brocade
2159	<i>Lacanobia suasa</i>	Dog's Tooth
2173	<i>Hadena bicruris</i>	Lychnis
2194	<i>Mythimna albipuncta</i>	White-point
2199	<i>Mythimna pallens</i>	Common Wainscot
2284	<i>Acronicta psi</i>	Grey Dagger
2297	<i>Amphipyra pyramidea</i>	Copper Underwing
2303	<i>Thalpophila matura</i>	Straw Underwing
2306	<i>Phlogophora meticulosa</i>	Angle Shades
2321	<i>Apamea monoglypha</i>	Dark Arches
2334	<i>Apamea sordens</i>	Rustic Shoulder-knot
2337	<i>Oligia strigilis</i>	Marbled Minor
2339	<i>Oligia latruncula</i>	Tawny Marbled Minor
2380	<i>Charanyca trigrammica</i>	Treble Lines
2384	<i>Hoplodrina ambigua</i>	Vine's Rustic
2434	<i>Diachrysia chrysitis</i>	Burnished Brass
2439	<i>Plusia festucae</i>	Gold Spot
2441	<i>Autographa gamma</i>	Silver Y
2449	<i>Abrostola triplasia</i>	Dark Spectacle
2450	<i>Abrostola tripartita</i>	Spectacle
2477	<i>Hypena proboscidalis</i>	Snout

Doug
Ireland

Appendix 3. Amphibians, Reptiles & Mammals 2004-2010

Appendix 3. reptiles and mammals
Amphibians 2004-2010

2 2 2 2 2 2 2
0 0 0 0 0 0 0
0 0 0 0 0 0 1
4 5 6 7 8 9 0

Amphibians

Frog *Rana temporaria* *

Common Toad *Bufo bufo* *

Reptiles

Grass Snake *Natrix natrix* * * * * * *

Adder *Viperus berus* * * * * * *

Common Lizard *Licerta vivipara* * * * * *

Slow Worm *Anguis fragilis* * * * * * *

Mammals

Red Deer *Cervus elaphus* * * * * *

Muntjac Deer *Muntiacus reevesi* * * * * *

Fox *Vulpia vulpia* * * * *

Brown Hare *Lepus capensis* *

Rabbit *Orytolagus cuniculus* * * * * *

Stoat *Mustella erminea* * * * *

Weasel *Mustela nivalis* * *

Mole *Talpa europaea* * * *

Grey Squirrel *Neosciurus carolinensis* * * * * *

Shrew *

David Rous,
Hazel Leggett,
Alison Paul,
Chris
Chambers,
Michael Kirby

Appendix 4. Vascular plants 2004-2010

No new species for 2010

Vascular plants 2004-9

<i>Acaena anserinifolia</i> (possibly x <i>A. inermis</i>)	*	a Pirri-pirri-bur (see elsewhere in report)
<i>Acer pseudoplatanus</i>		Sycamore
<i>Achillea millefolium</i>		Yarrow
<i>Aethusa cynapium</i>		Fool's Parsley
<i>Agrostis canina</i>		Velvet Bent
<i>Agrostis capillaris</i>		Common Bent
<i>Agrostis stolonifera</i>		Creeping Bent
<i>Agrostis vinealis</i>		Brown Bent
<i>Aira praecox</i>		Early Hair-grass
<i>Alchemilla vulgaris</i> agg.		Lady's mantle
<i>Alliaria petiolata</i>		Garlic Mustard
<i>Amsinckia micrantha</i>		Common Fiddleneck
<i>Anacamptis pyramidalis</i>		Pyramidal Orchid
<i>Anagallis arvensis</i>		Scarlet Pimpernel
<i>Anchusa arvensis</i>		Bugloss
<i>Anisantha sterilis</i>		Barren Brome
<i>Anthoxanthum odoratum</i>		Sweet Vernal Grass
<i>Anthriscus caucalis</i>		Bur Parsley (Bur Chervil)
<i>Anthriscus sylvestris</i>		Cow Parsley
<i>Aphanes arvensis</i>		Parsley Piert
<i>Aphanes australis</i>		Slender Parsley-piert
<i>Aquilegia vulgaris</i>		Columbine
<i>Arabidopsis thaliana</i>		Thale Cress
<i>Arctium minus</i>		Lesser Burdock
<i>Arenaria serpyllifolia</i> ssp. <i>leptoclados</i>		Small Thyme-leaved Sandwort
<i>Arrhenatherum elatius</i>		False Oat-grass
<i>Artemisia vulgaris</i>		Mugwort
<i>Arum italicum</i>		Italian Lords-and-Ladies
<i>Arum maculatum</i>		Lords-and-Ladies
<i>Atriplex patula</i>		Common Orache
<i>Ballota nigra</i>		Black Horehound
<i>Bellis perennis</i>		Daisy

<i>Betula pendula</i>	Silver Birch
<i>Borago officinalis</i>	Borage
<i>Brassica napus oleifolia</i>	Rape
<i>Bromus hordeaceus</i> ssp. <i>hordeaceus</i>	Soft Brome
<i>Bryonia dioica</i>	White Bryony
<i>Calluna vulgaris</i>	Ling
<i>Calystegia sepium</i>	Hedge Bindweed
<i>Calystegia silvatica</i>	Large Bindweed
<i>Capsella bursa-pastoris</i>	Shepherd's Purse
<i>Cardamine flexuosa</i>	Wavy Bittercress
<i>Cardamine hirsuta</i>	Hairy Bittercress
<i>Carduus crispus</i>	Wetted Thistle
<i>Carduus nutans</i>	Musk Thistle
<i>Carduus tenuiflorus</i>	Slender Thistle (Seaside Thistle)
<i>Carex arenaria</i>	Sand Sedge
<i>Carex pilulifera</i>	Pill Sedge
<i>Castanea sativa</i>	Sweet Chestnut
<i>Centaurea nigra</i> agg.	Common Knapweed
<i>Centaureum erythraea</i>	Common Centaury
<i>Cerastium fontanum</i> ssp. <i>vulgare</i>	Common Mouse-ear
<i>Cerastium glomeratum</i>	Sticky Mouse-ear
<i>Cerastium semidecandrum</i>	Little Mouse-ear
<i>Ceratocarpus claviculata</i>	Climbing Corydalis
<i>Chaerophyllum temulentum</i>	Rough Chervil
<i>Chamerion angustifolium</i>	Rosebay Willowherb
<i>Chelidonium majus</i>	Greater Celandine
<i>Chenopodium album</i>	Fat-hen
<i>Chenopodium polyspermum</i>	Many-seeded Goosefoot
<i>Chionodoxa forbesii</i>	Glory-of-the-snow
<i>Cirsium arvense</i>	Creeping Thistle
<i>Cirsium vulgare</i>	Spear Thistle
<i>Claytonia perfoliata</i>	Spring Beauty
<i>Claytonia sibirica</i>	Pink Purslane
<i>Clinopodium ascendens</i>	Common Calamint
<i>Clinopodium vulgare</i>	Wild Basil
<i>Conium maculatum</i>	Hemlock
<i>Consolida ajacis</i>	Larkspur
<i>Convolvulus arvensis</i>	Field Bindweed
<i>Conyza canadensis</i>	Canadian Fleabane
<i>Crassula tillaea</i>	Mossy Stonecrop

<i>Crataegus monogyna</i>	Hawthorn
<i>Crepis capillaris</i>	Smooth Hawk's-beard
<i>Crepis vesicaria</i>	Beaked Hawk's-beard
<i>Cuscuta epithymum</i>	* Dodder
<i>Cynoglossum officinale</i>	Hound's-tongue
<i>Cytisus scoparius</i>	Broom
<i>Dactylis glomerata</i>	Cock's-foot
<i>Digitalis purpurea</i>	Foxglove
<i>Dryopteris dilatata</i>	Broad Buckler-fern
<i>Elytrigia repens</i>	Couch Grass
<i>Epilobium ciliatum</i>	American Willow-herb
<i>Epilobium parviflorum</i>	Hoary Willowherb
<i>Erica cinerea</i>	Bell Heather
<i>Erodium cicutarium</i>	Common Stork's-bill
<i>Erophila verna</i>	Common Whitlowgrass
<i>Euphorbia lathyris</i>	Caper Spurge
<i>Euphorbia peplus</i>	Petty Spurge
<i>Fallopia baldschuanica</i>	Russian-vine
<i>Fallopia convolvulus</i>	Black Bindweed
<i>Fallopia japonica</i>	Japanese Knotweed
<i>Festuca ovina</i> agg.	Sheep's Fescue
<i>Festuca rubra</i> agg.	Red Fescue
<i>Filago vulgaris</i>	Common Cudweed
<i>Foeniculum vulgare</i>	Fennel
<i>Fraxinus excelsior</i>	Ash
<i>Galanthus nivalis</i>	Snowdrop
<i>Galium aparine</i>	Cleavers
<i>Galium mollugo</i>	Hedge Bedstraw
<i>Galium saxatile</i>	Heath Bedstraw
<i>Galium verum</i>	Lady's Bedstraw
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill
<i>Geranium molle</i>	Dove's-foot Crane's-bill
<i>Geranium pusillum</i>	Small-flowered Crane's-bill
<i>Geranium pyrenaicum</i>	Hedgerow Crane's-bill(Pyrenean Crane's-bill)
<i>Geranium robertianum</i>	Herb Robert
<i>Geum urbanum</i>	Wood Avens (Herb Bennet)
<i>Glechoma hederacea</i>	Ground-ivy

<i>Hedera helix</i>	Ivy
<i>Heracleum sphondylium</i>	Hogweed
<i>Hesperis matronalis</i>	Dame's Violet
<i>Holcus lanatus</i>	Yorkshire Fog
<i>Hordium murinum</i>	Wall Barley
<i>Humulus lupulus</i>	Hop
<i>Hyacinthoides non-scripta</i>	Bluebell
<i>Hypericum perforatum</i>	Perforate St. John's-wort
<i>Hypochaeris radicata</i>	Cat's-ear
<i>Ilex aquifolium</i>	Holly
<i>Juncus bufonius</i>	Toad Rush
<i>Juncus effusus</i>	Soft Rush
<i>Lamiastrum galeobdolon</i> ssp <i>argentatum</i>	Yellow Archangel (variegated)
<i>Lamium album</i>	White Dead-nettle
<i>Lamium purpureum</i>	Red Dead-nettle
<i>Lapsana communis</i>	Nipplewort
<i>Leontodon autumnalis</i>	Autumn Hawkbit
<i>Leucanthemum vulgare</i>	Ox-eye Daisy
<i>Leucojum aestrum</i>	Summer Snowflake
<i>Ligustrum vulgare</i>	Wild Privet
<i>Linaria vulgaris</i>	Common Toadflax
<i>Lolium perenne</i>	Perennial Rye-grass
<i>Lonicera periclymenum</i>	Honeysuckle
<i>Lotus corniculatus</i>	Common Bird's-foot-trefoil
<i>Lunaria annua</i>	Honesty
<i>Luzula campestris</i>	Field Woodrush (Good Friday Grass)
<i>Malus domestica</i>	Apple
<i>Malva moschata</i>	Musk Mallow
<i>Malva neglecta</i>	Dwarf Mallow
<i>Malva sylvestris</i>	Common Mallow
<i>Matricaria discoidea</i>	Pineapple-weed
<i>Medicago arabica</i>	Spotted Medick
<i>Medicago polymorpha</i>	Toothed Medick
<i>Melissa officinalis</i>	Balm
<i>Molinia caerulea</i>	Purple Moor-grass
<i>Montia fontana</i>	Blinks
<i>Myosotis arvensis</i>	Field Forgetmenot
<i>Myosotis discolor</i>	Changing Forgetmenot
<i>Myosotis ramosissima</i>	Early Forgetmenot
<i>Myosotis sylvatica</i>	* Wood Forgetmenot

<i>Narcissus</i> sp.	Daffodil
<i>Odontites verna</i> ssp. <i>serotinus</i>	Red Bartsia
<i>Oenothera glazioviana</i>	Large-flowered Evening-primrose
<i>Ophrys apifera</i>	Bee Orchid
<i>Ornithogalum angustifolium</i>	Star-of-Bethlehem
<i>Ornithops perpusillus</i>	Birds'-foot
<i>Oxalis articulata</i>	Pink-sorrel
<i>Oxalis corniculata</i>	* Spreading Yellow Sorrel
<i>Papaver rhoeas</i>	Common Poppy
<i>Papaver somniferum</i>	Opium Poppy
<i>Parietaria judaica</i>	Pellitory-of-the-wall
<i>Pentaglottis sempervirens</i>	Green Alkanet
<i>Persicaria maculosa</i>	Redleg
<i>Phleum bertolinii</i>	Small Cat's-tail
<i>Picris echioides</i>	Bristly Ox-tongue
<i>Pilosella officinarum</i>	Mouse-ear Hawkweed
<i>Plantago coronopus</i>	Buck's-horn Plantain
<i>Plantago lanceolata</i>	Ribwort Plantain
<i>Plantago major</i>	Rat's-tail Plantain
<i>Poa nemoralis</i>	Wood Meadow-grass
<i>Poa pratensis</i>	Smooth Meadow-grass
<i>Polygonum aviculare</i>	Knotgrass
<i>Polypodium interjectum</i>	Western Polypody
<i>Polypodium vulgare</i>	Polypody
<i>Potentilla argentea</i>	Hoary Cinquefoil
<i>Potentilla reptans</i>	Creeping Cinquefoil
<i>Potentilla sterilis</i>	Barren Strawberry
<i>Primula vulgaris</i>	Primrose
<i>Prunella vulgaris</i>	Selfheal
<i>Prunus avium</i>	Wild Cherry
<i>Prunus spinosa</i>	Blackthorn
<i>Pteridium aquilinum</i>	Bracken
<i>Pulicaria dysenterica</i>	Common Fleabane
<i>Quercus ilex</i>	Holm Oak
<i>Quercus robur</i>	Pedunculate Oak
<i>Ranunculus bulbosus</i>	Bulbous Buttercup
<i>Ranunculus ficaria</i>	Lesser Celandine
<i>Ranunculus repens</i>	Creeping Buttercup
<i>Ranunculus sardous</i>	Hairy Buttercup
<i>Raphanus raphanistrum</i>	Wild Radish

<i>Reseda luteola</i>	Weld
<i>Ribes rubrum</i>	Red Currant
<i>Ribes sanguineum</i>	Flowering Currant
<i>Rosa canina</i>	Dog Rose
<i>Rosa pimpinellifolia</i>	Burnet Rose ("Dunwich Rose" locally)
<i>Rosa rubiginosa</i>	Sweet-briar (Eglantine)
<i>Rubus caesius</i>	Dewberry
<i>Rubus fruticosus</i> agg.	Bramble
<i>Rumex acetosa</i>	Common Sorrel
<i>Rumex acetosella</i>	Sheep's-sorrel
<i>Rumex crispus</i>	Curled Dock
<i>Rumex obtusifolius</i>	Broad-leaved Dock
<i>Sagina procumbens</i>	Procumbent Pearlwort
<i>Sagina subulata</i>	Heath Pearlwort
<i>Salix caprea</i>	Goat Willow
<i>Salix cinerea</i> ssp. <i>cinerea</i>	Grey Willow
<i>Salvia verbenaca</i>	Wild Clary
<i>Sambucus nigra</i>	Elder

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<i>Saponaria officianalis</i>	* Soapwort
<i>Scleranthus annuus</i>	Annual Knawel
<i>Scrophularia nodosa</i>	Common Figwort
<i>Sedum acre</i>	Biting Stonecrop
<i>Sedum album</i>	White Stonecrop
<i>Senecio jacobaea</i>	Common Ragwort
<i>Senecio sylvaticus</i>	Heath Groundsel
<i>Senecio vulgaris</i>	Groundsel
<i>Silene dioica</i>	Red Champion
<i>Silene latifolia</i>	White Champion
<i>Sinapsis arvensis</i>	Charlock
<i>Sisymbrium officinale</i>	Hedge Mustard
<i>Smyrniium olusatrum</i>	Alexanders
<i>Solanum nigrum</i>	Black Nightshade
<i>Sonchus asper</i>	Prickly Sow-thistle
<i>Sonchus oleraceus</i>	Smooth Sow-thistle
<i>Sorbus aucuparia</i>	Rowan

<i>Spurgularia rubra</i>	Sand Spurrey
<i>Stachys sylvatica</i>	* Hedge Woundwort
<i>Stellaria graminea</i>	Lesser Stitchwort
<i>Stellaria holostea</i>	Greater Stitchwort
<i>Stellaria media</i>	Common Chickweed
<i>Symphytum orientale</i>	White Comfrey
<i>Symphytum x uplandicum</i>	Russian Comfrey
<i>Tanacetum parthenium</i>	Feverfew
<i>Tanacetum vulgare</i>	Tansy
<i>Taraxacum officinale</i> agg.	Dandelion
<i>Taraxacum</i> Sect. <i>Erythrosperma</i>	Lesser Dandelion
<i>Teesdalia nudicaulis</i>	Shepherd's Cress
<i>Teucrium scorodonium</i>	Wood Sage
<i>Torilis japonica</i>	Upright Hedge-parsley
<i>Trifolium campestre</i>	Hop Trefoil
<i>Trifolium dubium</i>	Lesser Trefoil
<i>Trifolium glomeratum</i>	Clustered Clover
<i>Trifolium micranthum</i>	Slender Trefoil
<i>Trifolium ornithopodioides</i>	Bird's-foot Clover (Fenugreek)
<i>Trifolium repens</i>	White Clover
<i>Trifolium striatum</i>	Knotted Clover
<i>Trifolium subterraneum</i>	Subterranean Clover
<i>Trifolium suffocatum</i>	Suffocated Clover
<i>Tripleurospermum inodorum</i>	Scentless Mayweed
<i>Ulex europaeus</i>	Gorse
<i>Ulex gallii</i>	Western Gorse
<i>Ulmus procera</i>	English Elm
<i>Umbilicus rupestris</i>	Navelwort (Wall Pennywort)
<i>Urtica dioica</i>	Stinging Nettle
<i>Urtica urens</i>	Small Nettle
<i>Verbascum x semialbum</i> (<i>V.thapsus</i> x <i>nigrum</i>)	Hybrid Mullein
<i>Verbascum nigrum</i>	Dark Mullein
<i>Verbascum thapsus</i>	Great Mullein
<i>Verbascum virgatum</i>	Twiggy Mullein
<i>Veronica arvensis</i>	Wall Speedwell
<i>Veronica chamaedrrys</i>	Germander Speedwell
<i>Veronica hederifolia</i> ssp. <i>lucorum</i>	Ivy-leaved Speedwell
<i>Veronica officinalis</i>	Heath Speedwell
<i>Veronica persica</i>	Common Field-speedwell
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell

<i>Vicia hirsuta</i>	Hairy Tare
<i>Vicia sativa</i> ssp. <i>nigra</i>	Common Vetch ssp.
<i>Vicia sativa</i> ssp. <i>segetalis</i>	Common Vetch ssp.
<i>Vinca major</i>	Greater Periwinkle
<i>Viola arvensis</i>	Field Pansy
<i>Viola odorata</i>	Sweet Violet
<i>Viola reichenbachiana</i>	Wood Dog-violet
<i>Viola riviniana</i>	Common Dog-violet
<i>Vulpia bromoides</i>	Squirrel-tailed Fescue

Joan Westcott
 Alison Paul
 Judy Boulanger

Total number of species = 273

Appendix 5. Bryophytes and cyanobacteria 2004-2010

* New species in 2009

Mosses

Amblystegium serpens
Aulacomnium androgynum
Barbula convoluta
Barbula unguiculata
Brachythecium albicans
Brachythecium rutabulum
Brachythecium velutinum
Bryoerythrophyllum recurvirostrum
Bryum argenteum
Byrum bicolor
Byrum capillare
Byrum ruderale
Caliergonella cuspidata
Campylopus introflexus
Campylopus pyriformis
Ceratodon purpureus
Cryphaea heteromalla *
Dicranella heteromalla
Dicranoweisia cirrata
Dicranum majus
Dicranum scoparium
Didymodon fallax
Didymodon insulanus
Eurhynchium praelongum
Fissidens taxifolius
Funaria hygrometrica
Grimmia pulvinata
Hypnum cupressiforme
Hypnum jutlandicum
Hypnum lacunosum
Hypnum resupinatum
Mnium hornum
Orthodontium lineare
Orthotrichum affine
Orthotrichum anomalum
Orthotrichum diaphanum
Orthotrichum lyellii
Orthotrichum pulchellum
Plagiothecium curvifolium
Plagiothecium nemorale
Plagiothecium undulatum
Pleurozium schreberi
Pohlia nutans
Polytrichum formosum
Polytrichum juniperinum
Polytrichum piliferum
Pseudocrossidium hornschuchianum

Rhynchostegium confertum

Mosses (continued)

Rhytidiadelphus squarrosus

Schistidium apocarpum *

Scleropodium purum

Syntrichia intermedia

Syntrichia ruraliformis

Syntrichia ruralis

Tortula muralis

Ulota bruchii

Ulota phyllantha

Liverworts

Cephaloziella divaricata

Frullania dilatata

Lophocolea bidentata

Lophocolea heterophylla

Lophocolea semiteres

Cyanobacteria (Blue-green algae)

Nostoc commune

Richard Fisk

(Suffolk Bryophyte Recorder)

Appendix 6a. Fungi recorded in 2007-2008

Fungi		20 07	20 08
<i>Aleuria aurantica</i>	Orange peel fungus	✓	✓
<i>Amanita citrina</i>	False death cap	✓	✓
<i>Amanita fulva</i>	Tawny grisette	✓	✓
<i>Amanita muscaria</i>	Fly agaric	✓	✓
<i>Amanita phalloides</i>	Death cap	✓	✓
<i>Armillaria mellea</i>	Honey fungus		✓
<i>Bjerkandera adusta</i>	Smoky bracket		✓
<i>Boletus edulis</i>	Penny bun	✓	✓
<i>Bovista nigrescens</i>	Brown puffball		✓
<i>Calvatia exipuliforme</i>	Pestle	✓	✓
<i>Clavaria argillacea</i>	Moor club	✓	✓
<i>Clavaria fusiformis</i>	Golden spindles	✓	
<i>Clavaria helvola</i>	Yellow club	✓	
<i>Clavaria rugosa</i>	Club fungus	✓	
<i>Clitocybe infundibuliformis</i>	Common funnel	✓	✓
<i>Clitocybe nebularis</i>	Clouded agaric	✓	✓
<i>Collybia butyracea</i>	Buttercap	✓	✓
<i>Coniophora puteana</i>	Wet rot		✓
<i>Conocybe rickeniana</i>		✓	
<i>Coprinus atramentarius</i>	Common ink cap	✓	
<i>Coprinus disseminatus</i>	Fairy bonnet	✓	
<i>Cordeyceps militaris</i>	Scarlet caterpillar club		✓
<i>Cortinarius sp.</i>	Webcap		✓
<i>Dacromyces deliquesens</i>			
<i>Daedaleopsis confragosa</i>	Blushing bracket	✓	✓
<i>Flammulina velutipes</i>	Velvet stem	✓	✓
<i>Galerina hypnorum</i>	Moss bell	✓	✓
<i>Geoglossum sp.</i>	Earth tongue		✓
<i>Gymnopilus junonius</i>	Spectular rustgill	✓	
<i>Handkea utriformis</i>	Mosaic puffball	✓	✓
<i>Hebeloma crustuliniforme</i>	Poison pie	✓	✓
<i>Hebeloma mesophaeum</i>	Veiled poison pie	✓	✓
<i>Hohenbuehelia geogenia</i>	Oyster		✓
<i>Hygrocybe coccinea</i>	Scarlet wax cap	✓	✓
<i>Hypholoma fasciculare</i>	Sulphur tuft	✓	✓
<i>Inocybe maculata</i>	Frosty fibre cap	✓	✓
<i>Laccaria amethystina</i>	Violet deceiver	✓	✓

<i>Laccaria proxima</i>	Scurfy deciever	✓	✓
<i>Lactarius quietus</i>	Oakbug milkcap	✓	✓
<i>Lactarius turpis</i>	Ugly milkcap	✓	✓
<i>Lepista flaccida</i>	Tawny funnel	✓	✓
<i>Lepista saeva</i>	Common field blewit	✓	✓
<i>Lycoperdon spp</i>	Puffballs	✓	✓
<i>Macrolepiota procera</i>	Parasol	✓	✓
<i>Macrolepiota rhacodes</i>	Woodland parasol	✓	
<i>Mycena epipterygia</i>	Yellowleg bonnet	✓	✓
<i>Mycena vitilis</i>	Snapping bonnet	✓	✓
<i>Omphalina fibula</i>	Orange mosscap	✓	✓
<i>Otidea onotica</i>	Hares ear	✓	
<i>Oudemansiella radicata</i>	Rooting shank	✓	✓
<i>Paxillus involutus</i>	Brown rollrim	✓	✓
<i>Peiophora incarnate</i>	Rosy crust		✓
<i>Peziza rutilans</i>	Cup fungus (ascomycete)		
<i>Phallus impudicus</i>	Stinkhorn	✓	✓
<i>Piptoporus betulinus</i>	Razorstrop fungus	✓	✓
<i>Pleurotus ostreatus</i>	Oyster mushroom	✓	✓
<i>Polypore spp</i>	Bracket fungus		
<i>Rickenella fibula</i>	Orange mosscap		✓
<i>Russula atropurpurea</i>	Purple brittle gill	✓	✓
<i>Russula violeipes</i>	Velvet brittle gill	✓	✓
<i>Scleroderma aurantium</i>	Earth ball	✓	✓
<i>Stereum hirsutum</i>	Hairy curtain crust	✓	
<i>Thelephora terrestris</i>	Earthfan		✓
<i>Trametes cinnibarina</i>	(Bracket fungus)		
<i>Trametes gibbosa</i>	Lumpy bracket	✓	✓
<i>Trametes versicolor</i>	Turkeytail		✓
<i>Tremella mesenterica</i>	Yellow brain		✓
<i>Xylaria hypoxylon</i>	Candlesnuff fungus		✓

Rusts

<i>Phragmidium violaceum</i>	Violet bramble rust	✓	✓
<i>Puccinia glechomatis</i>	Ground ivy rust	✓	✓
<i>Puccinia malvacearum</i>	Mallow rust	✓	✓

Mildew

<i>Microsphaera alphitoides</i>	Oak mildew		✓
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Algae

Trentepohlia spp.

Red Alga



Michael Kirby and Sheila Francis

Appendix 6b. Lichens recorded 1984 to 2009

Lichens	DAFOR Score
Lichen name	DAFO
<i>Amandinea punctata</i>	O
<i>Anisomeridium polypori</i>	O
<i>Arthrgraphis grisea</i>	R
<i>Bacidia saxenii</i>	R
<i>Baeomyces rufus</i>	O
<i>Caloplaca citrina</i>	O
<i>Caloplaca flavocitrina</i>	O
<i>Caloplaca holocarpa</i>	O
<i>Caloplaca phlogina</i>	O
<i>Candelariella aurella</i>	O
<i>Candelariella vitellina</i>	O
<i>Catillaria chalybeia</i>	O
<i>Cetraria aculeata</i>	F
<i>Cladonia caespiticia</i>	O
<i>Cladonia cervicornis</i> var. <i>cervicornis</i>	O
<i>Cladonia cervicornis</i> var. <i>verticillata</i>	O
<i>Cladonia chlorophaea</i>	F
<i>Cladonia ciliata</i> var. <i>ciliata</i>	O
<i>Cladonia ciliata</i> var. <i>tenuis</i>	O
<i>Cladonia coniocraea</i>	O
<i>Cladonia diversa</i>	F
<i>Cladonia fimbriata</i>	O
<i>Cladonia floerkeana</i>	F
<i>Cladonia foliacea</i>	O
<i>Cladonia furcata</i> var. <i>furcata</i>	F
<i>Cladonia glauca</i>	O
<i>Cladonia humilis</i>	O
<i>Cladonia macilenta</i>	O
<i>Cladonia portentosa</i>	A
<i>Cladonia ramulosa</i>	F
<i>Cladonia rangiformis</i>	F
<i>Cladonia scabriuscula</i>	R
<i>Cladonia subulata</i>	R
<i>Clauzadea monticola</i>	R
<i>Cliostomum griffithii</i>	R
<i>Dimerella pineti</i>	R
<i>Evernia prunastri</i> var. <i>herinii</i>	R
<i>Evernia prunastri</i> var. <i>prunastri</i>	F
<i>Flavoparmelia caperata</i>	R
<i>Hypogymnia physodes</i>	A
<i>Hypogymnia tubulosa</i>	R
<i>Hypotrachyna revoluta</i>	R
<i>Lecania cyrtella</i>	R

<i>Lecanora albescens</i>	R
<i>Lecanora chlarotera</i>	F
<i>Lecanora compallens</i>	R
<i>Lecanora coniziaeoides</i>	R
<i>Lecanora crenulata</i>	R
<i>Lecanora dispersa</i>	R
<i>Lecanora expallens</i>	F
<i>Lecanora flotoviana</i>	R
<i>Lecidella elaeochroma</i>	O
<i>Lecidella stigmatea</i>	R
<i>Lepraria lobificans</i>	F
<i>Lepraria incana</i>	F
<i>Melanelixia subaurifera</i>	F
<i>Micarera denigrata</i>	R
<i>Micarea erratica</i>	R
<i>Micarea lignaria</i> var. <i>lignaria</i>	R
<i>Micarea lithinella</i>	R
<i>Micarea nitschkeana</i>	R
<i>Micarea prasina</i>	R
<i>Parmelia sulcata</i>	F
<i>Parmotrema perlata</i>	O
<i>Peltigera canina</i>	A
<i>Peltigera hymenina</i>	F
<i>Peltigera rufescens</i>	F
<i>Pertusaria hemisphaerica</i>	R
<i>Phaeophyscia orbicularis</i>	F
<i>Physcia adscendens</i>	F
<i>Physcia caesia</i>	O
<i>Physcia tenella</i> var. <i>tenella</i>	F
<i>Placynthiella dasaea</i>	R
<i>Placynthiella icmalea</i>	O
<i>Placynthiella oligotropha</i>	R
<i>Placynthiella uliginosa</i>	R
<i>Porpidia soledizodes</i>	F
<i>Porpidia tuberculosa</i>	O
<i>Protoblasrtenia rupestris</i>	R
<i>Pseudevernia furfuracea</i> var.	R
<i>Psilolechia lucida</i>	R
<i>Punctelia jeckeri</i>	R
<i>Punctelia subrudecta</i>	O
<i>Ramalina farinacea</i>	F
<i>Rhizocarpon distinctum</i>	R
<i>Rhizocarpon reductum</i>	A
<i>Sarcogyne regularis</i>	R
<i>Scoliciosporum chlorococcum</i>	O
<i>cf. Schaereria fuscocinerea</i>	R
<i>Trapelia obtogens</i>	R

<i>Trapeliopsis flexuosa</i>	R
<i>Trapeliopsis granulosa</i>	R
<i>Usnea cf flammea</i>	R
<i>Verrucaria muralis</i>	R
<i>Verrucaria nigrescens</i>	R
<i>Verrucaria nigrescens f. tectorum</i>	R
<i>Xanthoparmelia mougeotii</i>	R
<i>Xanthoria candelaria</i>	R
<i>Xanthoria parietina</i>	F
<i>Xanthoria polycarpa</i>	O

Allied fungi

<i>Arthonia punctiformis</i>	R
<i>Athelia arachnoidea</i>	R
<i>Cyrtidula quercus</i>	O
<i>Xanthoriicola physciae</i>	R

List of sites and dates surveyed

Area	Grid Ref	Date
Footpath east of road	62/445.684 to 62/449.687	4/5/1984
Heathland west of road	62/44-68-	13/11/1989, 28/11/1989, 5/2/1990 and 5/6/1990, 31/3/2009, 4/4/2009 and 7/5/2009
Oak post by road	62/443.687	5/6/1990
Heathland east of road	62/444.687	5/6/1990
Oak and heath, east of road	62/442.689	26/12/2004 and 14/7/2005
Heathland east of road		7/5/2009

Some records were made in relation to a talk on lichens given at the Village Hall, 12/8/2006. The field meeting was rained off. See Annual Report 2006 and 2008.

Chris Hitch
(Suffolk Lichen Recorder)

Appendix 7. Some insects and mites recorded in 2004-2008

(Searches were not made for all the species each year, but it is likely that many of them were present, for example the galls)

		2004	2005	2006	2007	2008
Antlions						
<i>Euroleon nostras</i>	Antlion	✓	✓	✓	✓	✓
Mites						
<i>Aceria ilicis</i> (Acari: Eryiophydoidea)	On Holm Oak					✓
<i>Tetranychus lintearius</i>	Gorse mite	✓	✓	✓	✓	✓
Oak galls caused by gall wasps:						
<i>Andricus fecundator</i>	Artichoke gall	✓	✓	✓	✓	
<i>Andricus kollari</i>	Marble gall	✓	✓	✓	✓	
<i>Andricus lignicola</i>	Cola-nut gall	✓	✓	✓		
<i>Andricus quercusalicis</i>	Knopper gall	✓	✓	✓	✓	
<i>Biorhiza pallida</i>	Oak apple gall	✓		✓	✓	
<i>Cynips divisa</i>	Oak pea gall			✓		
<i>Cynips quercusfolii</i>	Cherry gall	✓		✓		
<i>Neuroterus albipes</i>	Smooth spangle gall	✓		✓	✓	
<i>Neuroterus numismalis</i>	Silk button gall	✓		✓	✓	
<i>Neuroterus quercusbaccarum</i>	Spangle gall	✓	✓	✓	✓	
Willow (Sallow) leaf galls caused by:						
<i>Aceria tetanothrix</i>	A gall mite	✓		✓	✓	
<i>Aculus laevis</i>	(Eriophyid gall mite)				✓	✓
<i>Iteomyia major</i>	Gall midge (Diptera; Cecidomyiidae)				✓	
<i>Pontania sp.</i>	A sawfly	✓		✓	✓	
<i>Pontania bridgemanni</i>	Leaf gall sawfly					✓
Galls caused by:						
<i>Acalitus rudis</i>	Birch leaf gall (Eriophyid mite)				✓	
<i>Aceria genista</i>	Broom gall				✓	
<i>Eriophyes simulis</i>	Wild plum leaf gall				✓	

<i>Eriophyes prunispinosae</i>	Mite gall on Blackthorn				✓
<i>Liposthenes glechomae</i>	Wasp gall on ground ivy				✓
<i>Phyllocoptes goniothorax</i>	Hawthorn leaf margin gall (Eriophyid mite)				✓
<i>Trioza remota</i>	Leaf gall	✓		✓	✓

Barkflies or barklice (Lice, Order Psoptera)

<i>Ectopsocus briggsi</i>					✓
<i>Ectopsocus petersi</i>					✓
<i>Trichopsocus clarus</i>					✓
<i>Valenzuela flavidus</i>					✓

Appendix 7. Some insects and mites recorded in 2004-2008 (con't)

		2004	2005	2006	2007	2008
Beetles and Bugs						
<i>Adalia 10-punctata</i>	10-spot ladybird				✓	
<i>Chilochorus 2-pustulatus</i>	Heather ladybird				✓	✓
<i>Chilochorus renipustulatus</i>	Kidney-spot ladybird				✓	
<i>Coccinella 7-punctata</i>	7-spot ladybird	✓	✓	✓	✓	✓
<i>Exochomus 4-pustulatus</i>	Pine ladybird		✓		✓	✓
<i>Harmonia axyridis</i>	Harlequin ladybird				✓	✓
<i>Stethorus punctillum</i>	A black ladybird (on gorse)	✓	✓	✓	✓	
<i>Carabus violaceus</i>	Violet ground beetle		✓			
<i>Apion ulicis</i>	Gorse weevil		✓			✓
<i>Piezodorus lituratus</i>	Gorse sheildbug	✓	✓	✓	✓	✓
<i>Typhaeus typhoeus</i>	Minotaur beetle	✓	✓	✓	✓	✓

Insect species seen in 2004 (Nigel Cuming)

Philanthus triangulum. (F). Bee-wolf. Status: Formally still regarded as RDB2, but in the light of it's expansion of range this status is under revision.

Cerceris arenaria. L. Status: Locally common.

Dasypoda altercator. (Harris). Status: Nb. A mining bee.

Ectobius panzeri. Step. Lesser Cockroach. Status: Nb.

Physocephala rufipes. (F). Conopid fly. Status: Local.

Porcinolus murinus. (F). A Pill beetle. Status: Nb.

Aphanus rolandri. (L). A ground bug. Status: Na. (seen also in 2005)

Solitary bees and wasps seen in 2007 (Michael Kirby)

Ammophila sabulosa. Solitary wasp

Cerceris arenaria. Solitary wasp

Colletes spp. Solitary bee

Dasypoda altercator. Solitary bee

Epeolus variegatus. Solitary, parasitic bee

Bumble bees seen in 2008 (Michael Kirby)

Bombus lapidarius. Red-tailed bumble bee

Bombus pascuorum. Carder bumble bee

Bee fly seen in 2008 (Michael Kirby)

Bombylius major?. Bee fly

Michael Kirby (most of the records), Hazel Leggett, Alison Paul, Nigel Cuming

Appendix 8. Spiders. Westleton Common and Black Slough (BS). July, August, September, 2008 and a few new in 2009

Amaurobiidae (cribellates)

Amaurobius fenestralis

Dictynidae (small cribellates, webs and snares on gorse, tips of shoots etc.)

Dictyna arundinacea (gorse), *Dictyna latens* (heather) BS

Oonopidae (six eyes only) *Oonops pulcher*

Gnaphosidae (cells under stones. Nocturnal)

Drassodes pubescens, *Zelotes pedestris* BS, *Zelotes latreillei* BS

Zoridae (ground runners like lycosids)

Zora spinimana

Crab spiders. Thomisidae and Philodromidae

Xysticus cristatus, *Xysticus ulmi*, *Xysticus erraticus*, *Oxyptila atomaria* BS

Philodromus dispar BS, *Thanatus striatus* BS

Jumping spiders. Salticidae (like zebra spider on house walls)

Euophrys frontalis, *Heliophanus flavipes*

Wolf spiders. Lycosidae etc (run on ground, fast, hunting)

Pardosa monticola, *Pardosa lugubris*, *Pardosa nigriceps*,

Alopecosa accentuata (Tarantula), *Arctosa perita*

Pisauridae (Nursery web spiders: Thick labyrinthine web on gorse etc)

Pisaura mirabilis

Agelenidae (sheet web with tubular retreat, gorse etc)

Agelena labyrinthica, *Tegenaria silvestris* (relative of the house spider, similar web but more modest)

Hahniidae (small, widespread spinners)

Hahnia nava BS

Mimetidae (pirate spiders on other species' webs)

Ero furcata BS

Theridiidae (typically comb footed. Random web with retreat. Globular abdomens)

Crustulina guttata BS, *Steatoda phalerata* BS, *Theridion sisyphium*,

Theridion pallens (under oak leaves), *Theridion melanurum*, *Enoplognatha ovata*, *Anelosimus vittatus*, *Achaearanea lunata* (2009), *Steatoda albomaculata* (2009)

Metidae (Orb webs, open hub)

Meta segmentata

Araneidae (orb webs)

Araneus diadematus (garden spider), *Araneus quadratus* (heaviest British spider) *Neoscona adiantum*, *Zygiella atrica* (open segment in web with tow rope), *Araniella cucurbitina* (2009)

Linyphiidae (sheet web, plus money spiders)

Linyphia triangularis (upside down under sheet web), *Stemonyphantes lineatus*

Anyphaenidae

Anyphaena accentuata (buzzing spider, on leaves) (2009)

R.F. Langley, 2008 and 2009