

WESTLETON COMMON



REPORT 2011

WESTLETON COMMON ANNUAL REPORT 2011

INDEX

Editorial

Butterflies 2011

Butterfly Counts 2011

Reptiles 2011

Flowers on the Carpark

Grasses on the Common 2011

Management and Meetings 2011

Tribute to Roger Langley

Tribute to Joan Westcott

Appendix 1 Birds - Total recorded 2004-2011

Appendix 2a. Butterflies and Dragonflies 2004-2011

Appendix 2b. Moths 2007

Appendix 3. Amphibians, Reptiles & Mammals 2004-2011

Appendix 4. Vascular Plants 2004-2011

Appendix 5. Bryophytes & Cyanobacteria 2004-2009

Appendix 6a. Fungi 2006-2011

Appendix 6b. Lichens 2011

Appendix 7. Insects and Mites 2004-2011

Appendix 8. Spiders 2008-2011

Front cover Gorse mites photograph by Juliet Bullimore

Editorial

Westleton Common has enjoyed an eventful year - beginning once again in grand style with an impressive Bonfire and Fireworks party on January 1st.

Volunteer working parties carried out much work during the winter, keeping paths open, clearing rubbish, and erecting a new Common Noticeboard, as well as thinning out silver birches in the centre of the Common, general gorse control, and coppicing the willows near the concrete area,.

A zigzag pathway giving easy access to the Noddle, was installed in March 2011, and has been much appreciated. There are also plans afoot for some appropriate planting of trees and shrubs in the area adjacent to the base of the pathway, to restore it to a natural appearance. In April EDF contractors carried out some necessary tree cutting under electricity wires, and in May, a great improvement was made to the steps down to the Black Slough by the installation of a handrail. In the same month, posts were put in place between Mill St and Bakers Lane, to protect the central area here so that it could regenerate naturally, leaving ample space for cars to park on the east side, and a wide track across for vehicles to pass through. We were surprised and pleased to find that more than 60 wild flower species have colonised the area already.

After the death of Michael Kirby early in 2011, our numbers of local expert naturalists were further depleted by the sad loss in July of Joan Westcott (wild flower expert) and also, earlier in the year, Roger Langley (spider expert). Nonetheless we had some very enjoyable and instructive walks focussing on various aspects of wildlife on the Common this year.

A social evening was held in the Village Hall in October to thank all the volunteers on the Common - more Alf Fisk slides of Westleton's past were shown and much enjoyed.

Important decisions are having to be made about the future management of the Common as the present Stewardship Management Scheme comes to an end in September 2013. Early in 2011 the Westleton Parish Council set up an Advisory Group to gather all the information needed to inform parishioners of the possible types of management for the future. At an open meeting held for the village in October, the two main options

presented by the Advisory Group were to apply for Higher Level Stewardship and have the Common managed as Lowland Heath or to have it managed by the Parish Council, with the help of some alternative funding, as an area of mixed vegetation.

We are grateful for all the time and hard work put in by the many volunteers, and encouraged by their enthusiasm to continue to make the best possible use of our very special Common.

Juliet Bullimore February

2012

Barbara Caines **Chair Common Group Committee**, member Westleton Parish
Council

Penny Rous

David Rous Work Party Leader

Alison Paul Recorder

Julian Alexander Westleton Parish Council Liaison Officer

Juliet Bullimore

BUTTERFLES 2011

The common species where not surveyed this year due to other commitments.

Silver Studded Blue Butterflies 2011

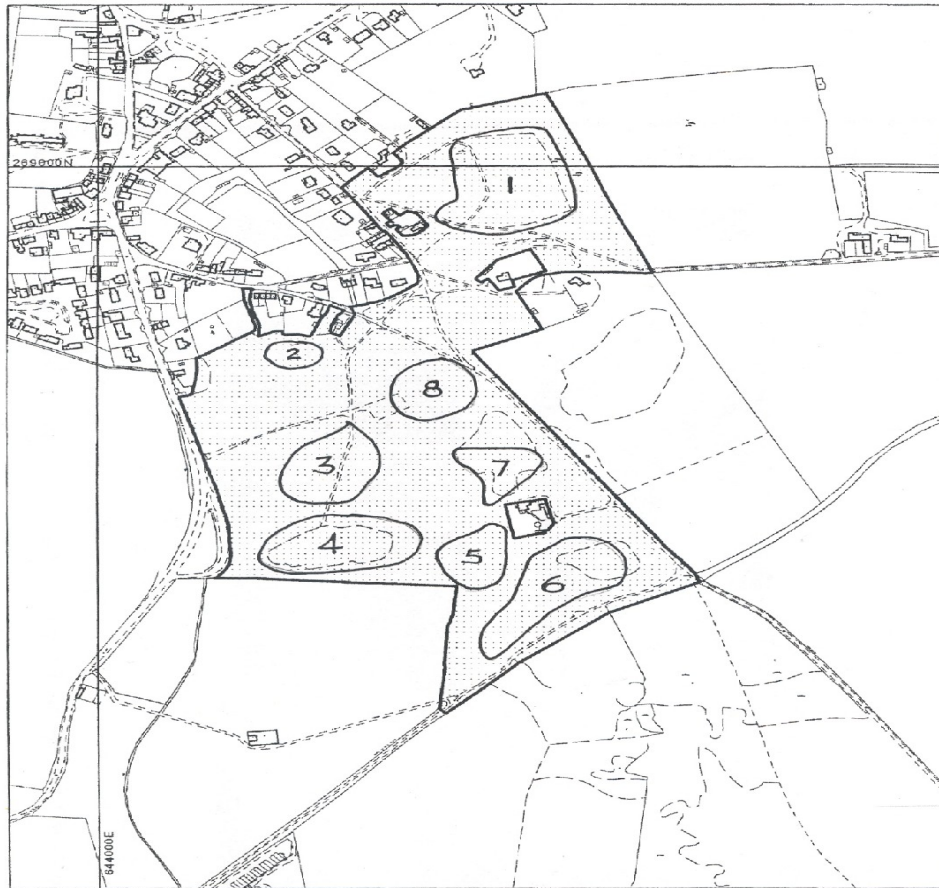
As this year started with a funny spring ,cold and dry, the heather was late coming out, and it was scarce, so as a result we got average amounts of Silver-studded Blues.

Several counts of the butterflies were taken between mid-June and early July. The best numbers were on 26th June with 135 males and 28 females,a total of 163.Very low this year but could be due to the funny weather we had.They are counted in 8 areas, see map, and are found in most of the heather and open parts of the main, pit side of the Common. Only a few are found on the old football pitch, towards the edges.

The map over just gives the general areas of the population of Silver-Studded Blues,they are know moving into other area which have be cleared as part of the site management.

David Rous

FIG. 1. WESTLETON COMMON. SILVER STUDDED BLUE SURVEY-2004



1:5000



APPROX. BOUNDARY OF COLONIES.

REPTILES 2011

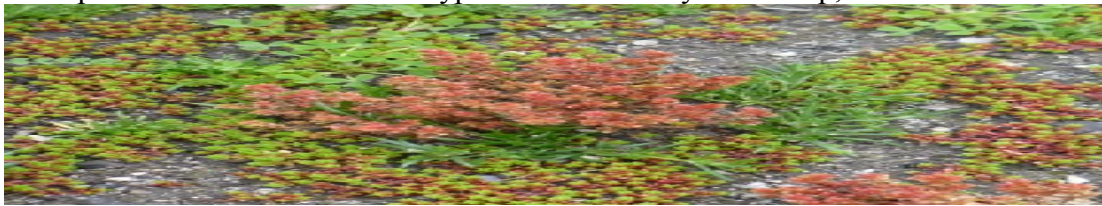
This year was a funny year again with no reptiles seen by me on the site, also with no reports being forwarded to me.

David Rous

Flowers on the Mill Street/Bakers Lane Car Park area, 2011

In autumn 2010, the area between Mill Street and Bakers Lane had been cleared of all vegetation apart from two hawthorn trees. A small bulldozer was used, and the area was scraped and flattened and some extra soil was brought in from other parts of the common. Heavy rain soon after this meant that the area remained extremely wet all winter and into the spring.

In early summer a few plants began to show, such as the Alexanders under the hawthorns, and grass nearer Bakers Lane. 16 different species of plants were found there in April. Still somewhat bare in June, the area was well covered in vegetation again by August, and an interesting succession of plants colonising the bare ground was noted. Several grew as attractive rosettes over the sparse sandy ground, and some not seen in this area before were quite plentiful. This may have been due to the more favourable conditions without competition from larger plants, and also to possible introduction from other parts of the common. This type included Mossy Stonecrop,



Mossy Stonecrop

Clustered clover

Common Storksbill

Suffocated Clover, Clustered Clover, Sand Spurrey, Slender Parsley-piert and Common Storksbill.

Some uncertainty surrounded a frequently occurring rosette of tiny vetch-type leaves, not in flower, which may turn out to be Birdsfoot.



Birdsfoot (probably)

It was pleasing to find that the unusual Hoary Cinquefoil, which had been in the area before, was present in good quantities. Of some concern perhaps is that many bare patches were now showing numerous gorse seedlings.

In contrast to the ground cover plants, some tall new arrivals caught the attention. Most striking were several Moth Mullein,



Moth Mullein



and encased in cobwebs



Green Amaranth

a new species for the common, and some large plants of Fat Hen. The latter has only previously been found on the edge of the layby. A mystery new plant turned out to be Green Amaranth. These larger plants are characteristic of waste and bare ground, and some may be escapes after chance introductions to the country many years ago.

Many of the flowers which had been in the area before appeared again and a patch of foxglove leaves should give us a good display of flowers in 2012.

In August and September a total of 66 species of flowering plants was recorded, as shown in the table below.

Score: a = abundant, f = frequent, o = occasional

“Car park area” 2011	Score	
<i>Achillea millefolium</i>	o	Yarrow
<i>Alliaria petiolata</i>	o	Garlic Mustard
<i>Amaranthus hybridus</i>	o	Green Amaranth
<i>Amsinckia micrantha</i>	o	Common Fiddleneck
<i>Anagallis arvensis</i>	f	Scarlet Pimpernel
<i>Anchusa arvensis</i>	f	Bugloss
<i>Aphanes australis</i>	f	Slender Parsley-piert
<i>Capsella bursa-pastoris</i>	o	Shepherd’s Purse
<i>Carduus tenuiflorus</i>	o	Slender Thistle (Seaside Thistle)
<i>Cerastium fontanum</i> ssp. <i>vulgare</i>	o	Common Mouse-ear
<i>Chenopodium album</i>	f	Fat-hen
<i>Cirsium vulgare</i>	o	Spear Thistle
<i>Claytonia perfoliata</i>	o	Spring Beauty
<i>Conyza canadensis</i>	o	Canadian Fleabane
<i>Crassula tillaea</i>	a	Mossy Stonecrop
<i>Crataegus monogyna</i>	o	Hawthorn
<i>Cytisus scoparius</i>	o	Broom
<i>Digitalis purpurea</i>	a	Foxglove
<i>Erodium cicutarium</i>	a	Common Stork's-bill
<i>Euphorbia peplus</i>	o	Petty Spurge
<i>Filago vulgaris</i>	o	Common Cudweed
<i>Galium aparine</i>	o	Cleavers
<i>Geranium molle</i>	o	Dove's-foot Crane's-bill
<i>Geranium pusillum</i>	o	Small-flowered Crane’s-bill
<i>Geranium robertianum</i>	o	Herb Robert
<i>Hypochaeris radicata</i>	o	Cat's-ear
<i>Lamium album</i>	o	White Dead-nettle
<i>Lamium purpureum</i>	o	Red Dead-nettle
<i>Ligustrum vulgare</i>	o	Wild Privet
<i>Malva neglecta</i>	o	Dwarf Mallow
<i>Myosotis arvensis</i>	o	Field Forgetmenot
<i>Myosotis ramosissima</i>	o	Early Forgetmenot
<i>Oenothera glazioviana</i>	o	Large-flowered Evening-primrose
<i>Ornithops perpusillus</i>	f	Birds’-foot (possible, not in flower)
<i>Oxalis articulata</i>	o	Pink-sorrel
<i>Persicaria maculosa</i>	o	Redleg
<i>Plantago coronopus</i>	f	Buck's-horn Plantain
<i>Plantago major</i>	o	Rat's-tail Plantain
<i>Polygonum aviculare</i>	o	Knotgrass

<i>Potentilla argentea</i>	f	Hoary Cinquefoil
<i>Prunus spinosa</i>	o	Blackthorn
<i>Rosa canina</i>	o	Dog Rose
<i>Rosa pimpinellifolia</i>	f	Burnet Rose ("Dunwich Rose" locally)
<i>Rubus fruticosus</i> agg.	f	Bramble
<i>Rumex acetosella</i>	f	Sheep's-sorrel
<i>Sagina procumbens</i>	f	Procumbent Pearlwort
<i>Senecio jacobaea</i>	o	Common Ragwort
<i>Senecio vulgaris</i>	o	Groundsel
<i>Silene latifolia</i>	f	White Campion
<i>Smyrniolum olusatrum</i>	f	Alexanders
<i>Solanum nigrum</i>	f	Black Nightshade
<i>Sonchus asper</i>	a	Prickly Sow-thistle
<i>Spergularia rubra</i>	f	Sand Spurrey
<i>Stellaria media</i>	o	Common Chickweed
<i>Trifolium glomeratum</i>	f	Clustered Clover
<i>Trifolium micranthum</i>	o	Slender Trefoil
<i>Trifolium suffocatum</i>	f	Suffocated Clover
<i>Ulex europaeus</i>	a	Gorse
<i>Urtica dioica</i>	a	Stinging Nettle
<i>Verbascum blattaria</i>	f	Moth Mullein
<i>Veronica arvensis</i>	o	Wall Speedwell
<i>Veronica persica</i>	o	Common Field-speedwell
<i>Veronica serpyllifolia</i>	o	Thyme-leaved Speedwell
<i>Vicia sativa</i> ssp. <i>segetalis</i>	o	Common Vetch ssp.
<i>Vinca major</i>	o	Greater Periwinkle
<i>Viola arvensis</i>	o	Field Pansy

Juliet Bullimore
Alison Paul

Grasses on Westleton Common, 2011



Heavy rain meant that the walk on 16th July 2011 changed to an indoor session, but was nonetheless very successful. Annie Hitch gave expert tuition on the structure of the floret on a grass, and gave many tips on identification. Earlier in July, Annie plus three others had made a preliminary walk on the Common for grasses, their list follows below. Creeping Soft-grass was a new species for the Common.

Annie Hitch (right) demonstrating the structure of grasses

7th July 2011 - Westleton Common - Grasses

Annie & Chris Hitch and Audrey Barker, notes by John Garrett

Car park, foot of zig-zag path

False Oat-grass *Arrhenatherum elatius*

(better on right just after path from car park, west of concrete slab)

Top of mound with curved bench

Sheep's Fecue *Festuca ovina*

Common Bent *Agrostis capillaris* one floret in each spikelet. Not yet in flower.

Near map at car park

Yorkshire Fog *Holcus lanatus*

On left of path from car park, by post

Cocksfoot *Dactylis glomerata* flattened stems

Edge of concrete, south east corner

Annual Meadow-grass *Poa annua* boat shaped leaf tip

Quarry entrance, south side bank

Creeping Soft-grass *Holcus mollis* hairy nodes, hairs pointing downwards

Top of steps to path at south side

Sweet Vernal-grass *Anthoxanthum odoratum* smells good

Path at extreme south edge TM44371 68348

Rough Meadow-grass *Poa trivialis* long ligule

Barren Brome (Sterile Brome) *Anisantha sterilis*

Under birch trees on path down to power lines

Purple Moor-grass *Molinia caerulea*

Under power lines

Heath Sedge - **not a grass**

Management and Meetings 2011

Working Parties 2011

Led by David Rous

January 15th

10 workers - 2 bonfires - one on the concrete, clearing what was left over after the New Year bonfire, and one on the mound burning gorse cut by the rangers last autumn on the southern perimeter of the Common.

February 19th

10 workers - widening paths and burning cut gorse on the mound again.



March 19th

8 workers - litter picking

September 17th

11 workers - a new noticeboard was erected and the old noticeboard was relocated to the North side of Bakers Lane. A patch of Japanese Knotweed was cut down, and will be sprayed on regrowth in the spring. Silver Birch seedlings on the North part of the Common were pulled up or cut down.

The pathway on to the South part of the Common was cleared and widened.



October 15th

About 10 workers - areas of gorse cut either side of the track running from the Concrete patch to the sandy mound at the SW corner of the Common.

November 19th

16 workers - some willows at the far side of the concrete area coppiced.

Thinning out of the silver birches in part of the wooded area in the centre of the Common.

Holes filled in carparking area.

Meetings 2011

There were Common Group Committee Meetings held on February 9th, September 14th, and November 16th.

Walks took place on the Common on April 16th (Wild Flowers), May 14th (Birds), June 25th (Butterflies), July 16th (Grasses), August 13th (This month on the Common), and October 22nd (Fungi).

Early in 2011 an Advisory Committee was set up by Westleton Parish Council to look into the various management options open to us after the present Stewardship comes to an end in 2013.

A meeting was held on March 11th with a representative from Natural England (Monica O'Donnell) during which we 'walked' the Common. Monica was impressed by what we had achieved during the 8 years of Management under the present Stewardship Scheme. The possibility of applying for Higher Level Stewardship (HLS), which would be administered by Natural England, was discussed with her. She advised us that gorse and tree cover would have to be considerably reduced if we were hoping to benefit from the full HLS grant - as it would only be payable for areas consisting of lowland heath vegetation.

In relation to HLS funding the Suffolk Coastal Council had already advised us that we would "have to be prepared to undertake a more aggressive level of scrub clearance, perhaps to take much of the Common back to heath. The HLS funding could be used for contractors to undertake that work." Under the auspices of Suffolk Coastal a student carried out a detailed Vegetation Survey of the Common in January 2011, for which we are very grateful. This study will be a useful starting point when working out what is required from a new management plan.

On October 13th a Public Meeting was held to present the various management and funding options to the village. A clear majority of the villagers who attended expressed the wish that the Common continue to be managed much as it has been, encouraging biodiversity by maintaining a healthy variety and balance of vegetation, with the help of

funding from one of the possible sources (e.g. Heritage Lottery Fund or a Landfill Grant) rather than applying for HLS funding.

Fungi on Westleton Common 2011

In 2008 there was "an amazing display of mushrooms and toadstools on the Common" so described by the late Michael Kirby. In 2010 there were "spectacular displays", so much so that two fungus walks were arranged. The fungus season normally starts in July or August with a predictable succession through to November and frosts, and in August this year we did find some good specimens of Death Cap *Amanita phalloides* at different stages of development.



3 Death Caps *Amanita phalloides*

13.08.11

On October 22nd a group of us walked the Common and found far fewer fungi than last year, in fact just 13 species, and some of these had cracked and misshapen fruitbodies. Was it the result of a very dry summer or exhaustion from the previous year? We don't know. But, when rain came, in November, so did the fungi in amazing profusion.



Group on the Fungus Walk 22nd October 2011



Common Puffball *Lycoperdon perlatum* (top)
Blushing Bracket *Daedaleopsis confragosa*

Unusually, Hare's Ear *Otidea onotica* was absent from the area beside the track down to the Reckford Rd where trees had been felled in the spring, resulting in less shade. The effect of this was exacerbated by the summer drought.

Eventually, during a period of 3-4 weeks in late November, everything started fruiting at the same time, once again giving splendid displays. In particular, the ground of the Common's Compartment 7 North was greatly enhanced by a colourful show of the Orange Peel Fungus *Aleuria aurantia* which occurred in profusion here in December remaining until the snow came in February 2012.



Orange Peel Fungus *Aleuria aurantia*

16.11.11

Sheila Francis
Juliet Bullimore

Roger Langley



When the Common was purchased by the village, one of the early aims was to explore all the different kinds of wildlife living there, so that habitats could be maintained and improved. Spiders were an important but unknown topic. Very fortunately we discovered Roger Langley through friends living on the edge of the Common.

Over several years, Roger had come to know the Common well, and to explore it for his absorbing study of spiders. Together with his wife Barbara and brother Tim, he gave fascinating tours round the Common, showing us numerous small and beautiful spiders amongst the oak leaves, bramble and gorse bushes, and in the heather and sandy areas. An arachnophobe who came almost admitted the spiders were less frightening when seen in this way. Roger's enthusiasm and knowledge were infectious and it gave him special delight to find a species new to the Common, or one he hadn't seen for years there. He found around 70 species in all.

Roger was a great supporter of the Common. Although living "the other side of the A12", he came to other guided walks and to the winter social gatherings. We have new insight into the hidden world of spiders and even greater appreciation of how valuable the Common is as a home to such a wide variety of wildlife. We much miss his expertise and delightful guided walks.



Spider (*Theridion pallens*)

Joan Westcott



As a child, roaming over the Sussex downs, Joan's grandfather inspired her interest in wild flowers; her passion for flowers and music had been noted even at the age of two years. Moving to Westleton from London in the 1960s, Joan became a Suffolk County Field Recorder, and made a major contribution to the recently published Flora of Suffolk. She also surveyed the flowers on Dunwich Heath for the National Trust, and those in the churchyard for the Suffolk Wildlife Trust. People came from afar each year to join her guided walks. Her meticulous records for this locality and other parts of the UK are a treasure.

Although well over 80 years of age in 2004, Joan took on the Common with characteristic enthusiasm and dedication, recording everything from tiny clovers to mature trees. Having this new project on which to devote her care, energy and skills gave her great delight. Of the 273 flowers she found, amongst her favourites were Hoary Cinquefoil, Red Bartsia, Wild Basil, Twiggy Mullein, Hybrid Mullein, Sweet Briar and Common Dodder, as well as the typical heathland flora.

Joan loved to share her knowledge and to help others understand and identify wild flowers, thereby increasing their own enjoyment. It was a great delight to her to have the challenge of an unknown flower brought to her – out would come all the reference books and the rest of the day would be spent poring over these checking every meticulous detail for identification.

Joan was also very knowledgeable on birds, and fascinated by insects – she discovered unusual kidney-spot ladybirds in her garden, which gave Michael Kirby another line of research to pursue. All living creatures were special to her, even a fly would never be swotted, instead she would marvel at the way it sat and cleaned its wings and legs and eyes in turn. This generation of natural historians will be very hard to replace. Her expertise, enthusiasm and companionship are much missed.



Hoary Cinquefoil (*Potentilla argentea*)

Appendix 1 Birds - Total recorded 2004-2011

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>

Appendix 2 Moths 2007

Moths recorded in 2007		Vernacular
Code	Scientific	
15	<i>Hepialus sylvina</i>	Orange Swift
228	<i>Monopis weaverella</i>	
436	<i>Pseudoswammerdamia ombinella</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>Idea seriata</i>	Small Dusty Wave
1712	<i>Idea emarginata</i>	Small Scallop
1713	<i>Idea 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 exigua</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
2111	<i>Noctua janthe</i>	Lesser Broad-bordered Yellow Underwing
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

Amphibians

Frog	<i>Rana temporaria</i>
Common Toad	<i>Bufo bufo</i>

Reptiles

Grass Snake	<i>Natrix natrix</i>
Adder	<i>Viperus berus</i>
Common Lizard	<i>Licerta vivipara</i>
Slow Worm	<i>Anguis fragilis</i>

Mammals

Red Deer	<i>Cervus elaphus</i>
Muntjac Deer	<i>Muntiacus reevesi</i>
Fox	<i>Vulpia vulpia</i>
Brown Hare	<i>Lepus capensis</i>
Rabbit	<i>Orytolagus cuniculus</i>
Stoat	<i>Mustella erminea</i>
Weasel	<i>Mustela nivalis</i>
Mole	<i>Talpa europaea</i>
Grey Squirrel	<i>Neosciurus carolinensis</i>
Shrew	

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

Appendix 4. Vascular plants 2004-2011

* Species added in 2009

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 epithimum</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 ssp 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
<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 Campion
<i>Silene latifolia</i>	White Campion
<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 (V.thapsus x 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 chamaedrys</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 2004-2011

* 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 2007-2011

Fungi		2007	2008
<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 adjusta</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 utrififormis</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 fibrecap	✓	✓
<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		✓
Algae			
<i>Trentepohlia spp.</i>	Red Alga		✓

Michael Kirby (most of the records) and Sheila Francis

Appendix 6b. Lichens recorded 1984 to 2009

Lichens

D - Dominant

A - Abundant

F - Frequent
O - Occasional
R - Rare

Lichen name	DAFOR Score
<i>Amandinea punctata</i>	O
<i>Anisomeridium polypori</i>	O
<i>Arthruraphis 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 var. cervicornis</i>	O
<i>Cladonia cervicornis var. verticillata</i>	O
<i>Cladonia chlorophaea</i>	F
<i>Cladonia ciliata var. ciliata</i>	O
<i>Cladonia ciliata var. 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 var. 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 var. herinii</i>	R
<i>Evernia prunastri var. 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
cf <i>Schaereria fuscocinerea</i>	R
<i>Trapelia obtegens</i>	R
<i>Trapeliopsis flexuosa</i>	R
<i>Trapeliopsis granulosa</i>	R
<i>Usnea</i> cf. <i>flammea</i>	R
<i>Verrucaria muralis</i>	R
<i>Verrucaria nigrescens</i>	R
<i>Verrucaria nigrescens</i> f. <i>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)

See elsewhere in the Report for a new Gall Mite in 2009

		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.

Dasygaster 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

Dasygaster 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 sisymphium*, *Theridion pallens* (under oak leaves), *Theridion melanurum*, *Enoplognatha ovata*,

Anelosimus vittatus, *Achaeearanea 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