

'The Common' Management Plan For Westleton Parish Council 2013 – 2023

AMENDED FINAL VERSION

Issue April 26th 2013

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Westleton Common Friends Committee members at the	45
time of drawing up this Management Plan	

GLOSSARY

The Common - In this document 'The Common' refers to that area of land purchased by the Westleton Parish Council for the village in 2003 from an aggregates company. It does not refer to the wider area shown on the 1840 Tithe Map by that name.

Biodiversity Action Plan – (BAP) Species or Habitat as being a Priority for Conservation in Suffolk and or nationally

Countryside Stewardship Scheme – (CSS) Agri-environment grant scheme funded by Natural England – now replaced by Environmental Stewardship

Higher Level Stewardship – (HLS) – The higher tier of the Natural England Environmental Stewardship agri-environment grant scheme that helps to support conservation management of important semi-natural habitat.

County Wildlife Site – (CWS) A non- statutory designation that recognises a site's high value for wildlife

County Geological Site –(CGS) A non-statutory designation that recognises a site's high geological value

Countryside and Rights of Way Act (2000) - THE CROW ACT) applies to England and Wales only, received Royal Assent on 30 November 2000, with the provisions it contains being brought into force in incremental steps over subsequent years. Containing five Parts and 16 Schedules, the Act provides for public access on foot to certain types of land, amends the law relating to public rights of way, increases measures for the management and protection for Sites of Special Scientific Interest (SSSI) and strengthens wildlife enforcement legislation, and provides for better management of Areas of Outstanding Natural Beauty (AONB). The Act is compliant with the provisions of the European Convention on Human Rights, requiring consultation where the rights of the individual may be affected by these measures.

Westleton Common Friends (WCF) A group of local people, organised by their own committee, with the skills and knowledge necessary to assist Westleton Parish Council with the maintenance of The Common.

1. VISION STATEMENT & EXECUTIVE SUMMARY

Westleton Parish Council will endeavor to manage -The Common for people and wildlife.

The Common is a valued community asset, enjoyed for informal recreation by local people and visitors alike. It is also part an integral part of the landscape, economic and social history of the parish.

In addition, The Common is a rich and varied habitat. It is a mosaic of heathland (Biodiversity Action Plan-BAP), acid grassland (BAP), scrub; woodland and early successional/ruderal vegetation communities. This supports a wide range of wildlife including silver studded blue butterfly (BAP), bullfinch (BAP), four species of reptile including adder (BAP) and antlion (BAP). The Common also supports a number of notable plant species including nationally scarce species such as clustered clover and mossy stonecrop.

2. POLICY STATEMENT

The Westleton Common Friends is a sub-committee of Westleton Parish Council and manages The Common on behalf of the Parish Council and has the following objectives:

- To conserve and enhance the local landscape and biodiversity of The Common
- To provide appropriate access and enjoyment of The Common for residents and visitors.
- To work in partnership with other organisations, wherever practical, to ensure conservation objectives are met and to ensure the most effective use of resources.



3. SITE DESCRIPTION

3.1 Location and extent.

The OS grid reference for the centre of the Common is TM442681 – OS Landranger series 1:50,000 – sheet 156. It is situated to the south east of the main village of Westleton. See Appendix 1

3.2 Tenure and legal obligations

The Common is included on the National Commons Register and covers approximately 17.95ha.

In 2003, Westleton Parish Council purchased the area of land now called The Common. The purchase was supported by Heritage Lottery Funding

In 2012, Westleton Parish Council took on the Scheme of Regulation from Suffolk Coastal District Council (SCDC) and is now formally responsible for the Common's management. There are no longer any common rights registered on the land, but bylaws are in operation.

Since 2003 The Common's management has been supported by a Countryside Stewardship (CSS) agreement held by SCDC and now by Westleton Parish Council. The CSS agreement expires in September 2013 and Westleton Parish Council is therefore applying for Natural England's Higher Level Stewardship (HLS) to help fund future management of The Common.

Since 2006 the land has been designated as Open Access land under the framework of the CROW Act. The land is crossed by a number of permissive footpaths and a Bridleway runs along the south-eastern boundary.

The management of The Common is overseen by the Westleton Parish Council and implemented by the Westleton Common Friends (WCF). The Friends provide the Parish Council with a monthly update and an annual report.

The Parish Council is responsible for all matters of health and safety including tree safety, footpath safety, and maintenance of amenity infrastructure and litter clearance and is kept informed of any matters arising by the WCF.

The Common has a high fire risk, particularly in periods of prolonged dry weather. So an important part of managing The Common is regularly assessing fire risk. It is also essential that all those working on The Common are aware of risks and know what to do in the case of a fire emergency.

3.3 History and archaeology

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Westleton Common would have originally have been a pasture common with open margins, typical of the impoverished sandy soils of east Suffolk. The Common's character would have been shaped by activities as grazing and minor local extraction rights. However all such activity has now ceased and probably would have done so when gravel extraction began on a more extensive scale in the 1880's.

Gravel extraction began as supplying material for roads, but during WW2 large amounts of gravel were needed for the construction of airfields. The Common was also used as an army camp during WW2. Evidence of Its historical use for gravel extraction and use as an army camp in WW2 are clearly visible on the ground in the form of derelict 'rock pools', former building bases and training trenches.

During the 1950's and 60's sand and gravel extraction took place on a commercial basis and The Common was in the private ownership of the aggregate company.

Any further opportunities for extraction finally came to an end in the 1990's and the aggregate company put the Common on the open market and in 2003 Westleton Parish Council purchased most of what had previously been Common Land from the aggregate company, the remainder that had not gone into private ownership, and retained the name of 'The Common' - for the land purchased for the village

3.4 Geology

The Common is designated as a County Geology Site for its important exposures of Norwich crag sands and gravels known as the Westleton Beds. The Norwich crag sands are also important for ant lion. This invertebrate is confined to the Sandlings area of east Suffolk. See Appendix 4.

GeoSuffolk are keen that the revealed geological faces are kept exposed, as they are an important aspect of the site for geologists.

3.5 Wildlife

Since the cessation of any large scale gravel extraction in the late 60's, no formal 'restoration' of the Common took place. The steep sides of the pits were left intact, along with damp areas where the washing pits were, a bank of washed sand, bare ground and hard standings where machinery once stood. To have retained such features is unusual, with many former quarries and pits tending to be infilled or restored to agricultural land.

The semi-natural vegetation that has since developed is, therefore, a very varied mosaic of relict heathland (BAP) that was not affected by quarrying; naturally regenerated heathland; scrub; woodland and early successional/ruderal vegetation communities of the quarry floor.

In addition, former industrial /wartime activities and infrastructure such as soil dumping and hard standings have provided 'man-made' habitat niches that have been colonised by species not necessarily characteristic of the locality, but that none the less, add to the ecological diversity and

varied character of The Common, e.g. wall pennywort on former soil dumps and lichens that have colonised concrete.

The Common is a designated County Wildlife Site (CWS) in recognition of the remarkable diversity of habitats and species it supports. See Appendix 5 re CWS.

Some of the habitats /species are widely recognised as priorities for conservation and targets for HLS, such as heathland (Biodiversity Action Plan (BAP) habitat) and associated species like silver studded blue butterfly (BAP) and adder (BAP). Other habitats are perhaps lower profile such as woodland, scrub and ruderal grassland but are equally important for wildlife and add value to The Common, by forming a varied buffer and graded edge to the main heathland habitats. All the habitats found are very typical of the Suffolk Sandlings.

3.6 Public interest and community involvement

The Common has a long history of being integral to the parish and continues to be a valued local asset today.

The local community and visitors value The Common for informal recreation such as dog-walking, wildlife observation and simply as a quiet outdoor space to spend time. Many local people have kept invaluable long term records of the wildlife and history of the common and many others are involved in its physical management through the Westleton Common Friends. This management plan has made reference and use of the local records. All the plans for The Common are carried out with extensive local consultation to ensure any management meets the local community's needs/wishes as well as maintaining the wildlife and landscape value of the common.

It is therefore important that the management plan not only delivers biodiversity and landscape targets, but it also needs to be compatible with the wishes and what is feasible for the local community. Following considerable consultation with the many who have an interest in The Common, it is hoped that the management plan achieves this aim and that current balance of habitats which is so valued by people and wildlife is retained into the future.

4 MANAGEMENT

4.1 Past recent management

Since parish acquisition of The Common, management has followed the management plan drawn up Suffolk Coastal District Council in 2003 which is linked to the Countryside Stewardship Agreement. Both the CSS agreement and management plan expire in 2013.

As the Common was in private ownership until 2003, it is understood that no formal management plan was followed prior to this date.

4.2 Management Objectives of current plan

The primary objective is to set out the appropriate management of The Common to maintain and enhance its biodiversity as well as meeting the needs of parishioners and the wider public.

Following on from this the plan should have the following objectives

- Maintain the current mosaic and balance of habitat
 Be compatible with and meet the prescriptions and obligations of the HLS agreement. This management plan will run for 10 years, concurrently with the proposed HLS agreement and has therefore been written in line with HLS options
- Encourage public interest and community involvement in The Common
- Encourage continued monitoring/recording/research on The Common (see appendix 6 re past research)
- Highlight some of interest features through appropriate interpretation etc.. The Village website can be utilised for this purpose.
- Meet all legal and health and safety obligations

4.3 Annual/routine management

Set out in compartments – See Appendix 3

Management	Method	Compartment(s)
Tree management (December – February)	Selection and removal of occasional trees/saplings causing shading issues e.g. self-seeded silver birch	Compartments 1-15 inclusive as needed
Gorse coppicing	Rotational cutting of gorse to encourage	Compartments 4(2%) ,6(5%), 8(5%)
(September – February)	thicker re-growth and improve structure and stability	,14(10%) ,12(5%) ,9(5%) per year
Scrub coppicing (December – February)	Rotational cutting of scrub such as bramble/blackthorn to encourage thicker re-growth and improve structure for nesting birds particularly nightingale	Compartments 1-15 inclusive as needed, but never within 30 yards of previous year
Scrub removal/firebreaks	Where necessary and feasible cut a 3m	Compartments 1 ,6 ,15
(January - February)	wide strip of vegetation down to ground to serve as a firebreak. This should be cut to a height of 2-4 inches and cuttings must be removed. Re – cut approx. every 2-3 years depending on re-growth	
Hedgerow management (December- early February)	Restore thickness of hedge by high coppicing to 2-3ft and gap up with hawthorn/blackthorn whips	Compartment 7
Bracken management (pulling May June) (raking September – December)	Control of bracken though the pulling in summer and raking litter in winter	Compartments 6,7,8,10 (% will vary according to bracken growth – to be agreed year by year)

Management	Method	Compartment(s)
Heather management	Rotational cutting down to about 2-4" to	Compartments 1 (40%), 8(30%), 13(30%)
(September- October)	maintain diverse age structure in heather.	Percentage is for whole 10 years not per
	(Important to avoid scalping of ground	annum
	when cutting) Cuttings must be removed	
Grassland management	Annual cutting and removal of arisings to	Compartment 7 (100%) mowing
(August – September)	maintain area of species diverse grassland.	Compartment 7 (15%) scrub
	In early years (2013-2016) push back	
	invading bramble scrub to increase area of	
	open grassland	
Litter picking	Formal litter pick in March done as a group	Compartments 1-15 inclusive as needed
(All year round)	and along main paths. Also on-going	
	informal litter picking by individual	
	volunteers	
Monitoring and Recording	On-going survey work and recording to	Compartments 1-15 inclusive
(All year round)	monitor key species and effects of	
	management e.g. silver studded blues,	
	antlion, reptiles	



4.4 Proposed one-off work management works

- Antlion cliffs (creation of angled cliffs of 2m by 30cm on south facing slopes)
- Renovate the perimeter hedge along the Reckford Road. This hedge is long overdue corrective maintenance work, and will now require contractors with mechanised saws to regain control. This work is subject to a funding application through Natural England.
- **New access** e.g. steps and path(compartment 9 from layby to black slough track/with new steps or slope on black slough steps)
- Pond restoration

Restoration of pond with contracted workers under the HLS capital works

Rock pools
 Restoration of WW2 army rock pools in compartment 6

All the above are subject to securing resources to proceed so detailed methodologies for each project have not yet been drawn up.

Interpretation

There are two notice boards sited on The Common and seasonal topics are displayed.

Subject to resources and funding there is interest in increasing the on-site interpretation to include information on the geology and wildlife interest of The Common. This may take the form of:

- Permanent interpretation boards
- Self-guided walk leaflets



Events on the common such as guided walks

APPENDICES

Appendix 1 Location Map

Appendix 2 Boundary Map

Appendix 3 Compartment Map

Appendix 4 Geological Information

Appendix 5 County Wildlife Site Information

Appendix 6 Past research activity

Appendix 7 Species lists

NB Additional information including past and present agri-environment agreements, biological data and contacts are held by Westleton Parish Council and Westleton Common Friends.

http://westleton.onesuffolk.net/

Information is held both as paper and electronic format

Westleton Common

Location

Scale 1:18000

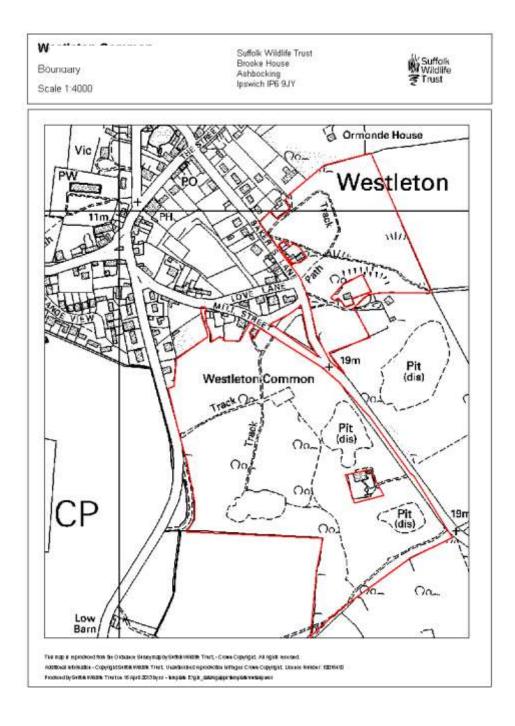
Suffolk Wildlife Trust Brooke House Ashbocking Ipswich IP6 9JY





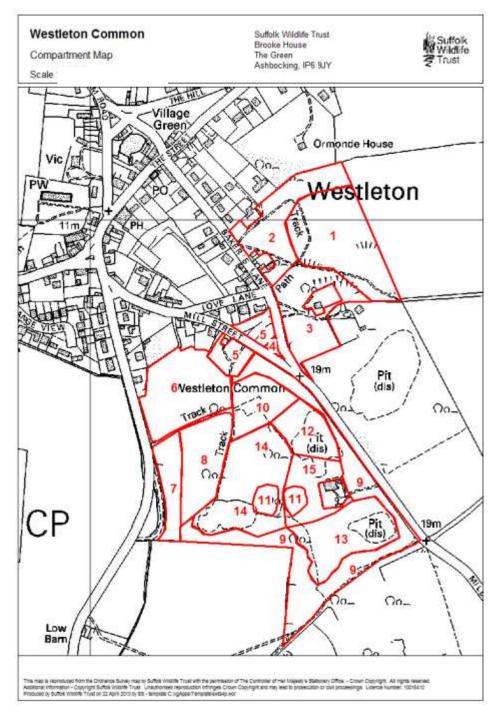
These maps are illustrative only and not accurate enough to be used for definitive purposes such as legal landownership or scaling.

APPENDIX 2 Boundary Map



These maps are illustrative only and not accurate enough to be used for definitive purposes such as legal landownership or scaling.

APPENDIX 3 Compartment Map



These maps are illustrative only and not accurate enough to be used for definitive purposes such as legal landownership or scaling.

APPENDIX 4

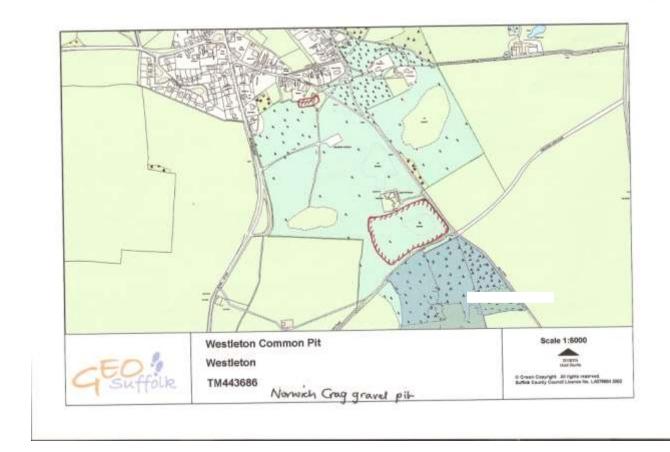
Geological Information Geology Record Sheet

Geology Record Sheet	
SITE Locality name	Westleton Common pits
Parish	Westleton
Local Authority	Suffolk Coastal DC
NGR (accuracy)	TM443686
ACCESS Contact	Alison Paul, Westleton Common Committee, Four Winds, bakers Lane, Westleton, IP17 3AZ 01728 648685 aa.paul@btinternet.com
Owner	Westleton Parish Council
Contact notes	Westleton Common Friends (WCF, SWT & parishioners) http://www.westleton.onesuffolk.net/westleton-common/
Access details	Open access
Access notes	Parking in layby off B1125 just south of Westleton TM 441685 Good footpaths throughout the site
SITE STATUS Site use history	Long history of common land with gravel pits. Commercial gravel extraction in WWII and 1950s, 60s (Atlas or RC Norman). Bought with Heritage Lottery Funding by Westleton Parish Council in 2003.
Site description	Area of old gravel workings, now heathland covering most of grid sq 4468
Condition	Recommend keeping faces open – Norwich Crag gravels support high angle of slope, so new scrapes could be successful in maintaining small sections at various levels.
Conservation	Management by Countryside unit of SCDC and SWT as public open space and for wildlife. Regular Saturday morning work parties from September to April. In SCH AONB. (GeoSuffolk site meeting with Westleton Common Group 17.07.10 discussed site management)
RIGS	CGS
GEO FEATURES Summary	Small exposures of Norwich Crag gravels & sands over a I km area of heathland.
Stratigraphy	Norwich crag sands and gravels (Westleton Beds stratotype – see Prestwich (1871))

Geology	Interbedded sand and gravel – rounded flints up to 6cm with chatter marks.
Structures	Closely interbedded sand and gravel, beds up to about 0.5m. Individual beds well-graded (large gravel, small gravel or sand). Apparent dip to SE.
Geomorphology	Gravely layer of soil at top.
OTHER FEATURES	
Educational	Open public access, much gravel in evidence, so geodiversity very obvious.
Historical	"Westleton Beds" first described here. Accounts by early pioneers of east Anglian Crags/Quaternary (notably Prestwich and Whitaker). 2 windmills on the common– Rouse's Mill (TM 445683) until 1880 and Ralph's Mill (TM444685) until 1969 with a further one at TM 444692 until 1963.
Wildlife	Heathland – lichen, bell heather, gorse, silver studded blue butterfly (Westleton Common is a site of national importance for this species), antlions, trentepohlia (see Kirby & Francis (2009))
Aesthetic	Attractive gravel/heather mix.
Leisure	Common land much used by local people
References	D Baden-Powell & R West (1960) Summer Field meeting in East Anglia 14-24 August 1958. Proc.Geol.Assoc.vol 71,p61-80 R Hey (1967) The Westleton Beds reconsidered. Proc.Geol.Assoc.vol 78, p427-445. M Kirby & S Francis, Trentepohlia on Westleton Common, White Admiral Vol 73 (Summer 2009). S Mathers & J Zalasiewicz (1966) A gravel beach-rip channel system: the Westleton Beds (Pleistocene) of Suffolk, England, Proc.Geol.Assoc.vol 107,p57-67 J Prestwich (1871), On the structure of the crag-beds of Suffolk and Norfolk with some observations on their organic remains, Part3. The Norwich Crag and Westleton Beds. Q.J.Geol.Soc.London 27, p425-496. J Prestwich (1890), On the relation of the Westleton Beds, or Pebbly Sands of Suffolk, to those of Norfolk, and their extension inland: with some observations on the period of the final elevation and denudation of the Weald and of the Thames Valley, Part1. Q.J.Geol.Soc.London46, p84-119. H Spencer (1971) A contribution to the geological history of Suffolk, Part5. The Early Pleistocene. Transactions of the Suffolk Naturalists'

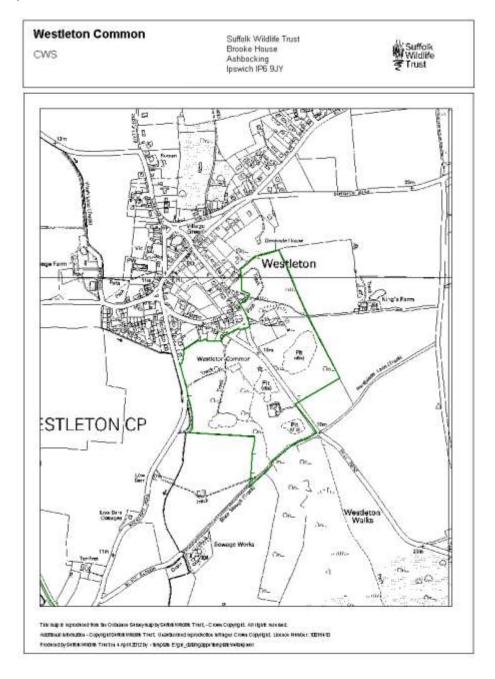
	Society vol15, p279-363.
	W Whitaker & W Dalton (1887) The geology of the country around
	Halesworth and Harleston. Explanation of quarter sheet
	50NE.Mem.Geol.Survey, p41.
MAP	Attached
PHOTOS	
SITE VISIT	
Name: Da	te C Markham, R Markham, H Mottram 22.08.09
RECORD	
Name: Da	te C Markham 25.08.09 (addendum 17.07.10)

Geological Map



APPENDIX 5

County Wildlife Site Information CWS Map



This map shows the area of land defined by The County Council as an area of special wildlife interest. It includes The Common, plus other land in private ownership.

Parish WESTLETON
District Suffolk Coastal
Overlap district
Area (ha) 21.75
Distcode Suffolk Coastal 180
Site Name WESTLETON COMMON
Grid Reference TM443686

Description

Westleton Common, which is situated to the north west of Minsmere nature reserve is of great importance for wildlife conservation. It supports a good diversity of acid grassland plants including heath bedstraw, stonecrop, bird's-foot and a number of rare clover species, for example subterranean, suffocated and clustered clovers. Another notable species on this site is Western gorse, a plant which grows mainly in the south-western part of England but occasionally occurs on Suffolk Sandling sites. Another unusual feature of Westleton Common is its extensive and diverse lichen flora. This site is also important for invertebrate conservation. The silver studded blue butterfly, a Schedule 5 Wildlife and Countryside Act (1981) species, closely associated with heathland and restricted to a few localities in Suffolk has been reintroduced to this site as part of a conservation programme. Furthermore, the exposed sand banks of a number of disused sand pits provides ideal conditions for a number of invertebrates restricted to this type of habitat. Reptiles are also well represented on the Common; lizards, adders and slow-worms have been recorded here. In addition, nightjar an uncommon heathland bird has been recorded on this site.



APPENDIX 6

Past Research

Since approximately 2000, there have been extensive and systematic observations on gorse mites on the Common, (*Tetranychus lintearius*) and regular estimates of mite populations and observations of their behavior have been recorded.

A number of papers have been published (e.g. Gorse mites and their predators, *British Wildlife 16, 314. 2005*).

For the last four years the populations have declined drastically, but in 2008, about 20 colonies of gorse mite were discovered and their progress closely followed. High infestations of gorse mite severely debilitate gorse bushes and may lead to death. (Gorse mites have been exported to Australia and NZ where their biology has been extensively studied with a view to using them for biological control of gorse)

Studies of antlion biology and numbers have been made in and around Westleton including the Common (*Kirby, 2001, Antlions in the Suffolk Sandlings*). At present the number of antlions (based on the number of pits) seems to be in decline on the Common. The antlion is the subject of a SAP (Species Action Plan). It is important that certain south facing slopes with suitable sand soil retain some sheltering gorse overhang to encourage the Antlion's success.

The current population of Silver-studded Blue butterflies is the subject of an annual monitoring programme along with the annual recording of vascular plants, bryophytes and cyanobacteria, fungi and lichens, butterflies, moths and dragonflies, mammals, reptiles amphibians, birds and insects.

While this type of research is not affected by the management of the Common, or vice versa, an acknowledgement of its value for natural history study reasons as part of the Common study activities is recorded as part of the Commons asset and biodiversity values.

APPENDIX 7

Species information

Birds on and over the Common 2004-8.

		2004	2005	2006	2007	2008
Cormorant	Phalacrocorax carbo	✓	✓	✓	~	
Little Egret	Egretta garzetta			~		~
Grey Heron	Ardea cinerea	~	✓	✓		~
Mute Swan	Cygnus olor		~	~		
Bewick's Swan	Cygnus columbianus	~				~
Whooper Swan	Cygnus cygnus			~		
Greylag Goose	Anser anser	~	~	•	~	
Canada Goose	Branta canadensis	~	~	•	~	
Barnacle Goose	Branta leucopsis	y	•	~	•	
Red-breasted Goose Shelduck	Branta ruficollis	y				
	Tadorna tadorna	•	•	•	•	•
Wigeon Teal	Anas penelope			•		
Mallard	Anas crecca			•		
Red Kite	Anas platyrhynchos Milvus milvus		4	•		
Marsh Harrier	Circus aeruginosus	. 4		. 4	•	. 4
Hen Harrier	_	.4			•	•
Goshawk	Circus cyaneus Accipiter gentilis	•	•	•		
Sparrowhawk	Accipiter nisus	. 4	. 4		. 4	. 4
Kestrel	Falco tinnunculus	.4			.4	
Merlin	Falco columbarius	•	•	•	.4	•
Hobby	Falco subbuteo	. 4	. 4	. 4	.4	
Peregrine	Falco peregrinus	•	•	.4	•	
Red-legged Partridge	Alectoris rufa		.4	.4		
Quail	Coturnix coturnix	•		•		
Pheasant	Phasianus colchicus			, d	J.	J.
Moorhen	Gallinula chloropus	•	•	.	•	•
Oystercatcher	Haematopus ostralegus				J.	
Stone Curlew	Burhinus oedicnemus	•	•	•	j	J
Ringed Plover	Charadius hiaticula			J	•	•
Golden Plover	Pluvialis apricaria			j		
Lapwing	Vanellus vanellus	_	J	J	J	
Snipe	Gallinago gallinago	·	Ť	J	Ť	
Woodcock	Scolopax rusticola	_	y	•	_	_
Whimbrel	Numenius phaeopus	•	Ž			•
Curlew	Numenius arquata	_	•	~	•	
Redshank	Tringa totanus		•	•		
Greenshank	Tringa nebularia		✓			
Green Sandpiper	Tringa ochropus			•		
Mediterrean Gull	Larus melanocephalus	~			✓	
Black-headed Gull	Larus ridibundus	~	✓	✓	~	~
Common Gull	Larus canus			✓	~	
Great Black-backed Gull	Larus marinus			✓	~	
Lesser Black-backed Gull	Larus fuscus	•	✓	✓	~	
Herring Gull	Larus argentatus	•	✓	✓	~	
Stock Dove	Columba oenas	✓	✓	✓		

		2004	2005	2006	2007	2008
Woodpigeon	Columba palumbus	~	~	<u> </u>	~	✓
Collared Dove	Streptopelia decaocto	•	~	•	•	_
Turtle Dove	Streptopelia turtur	•	~	,	J	,
Cuckoo	Cuculus canorus	,	•	J	J	,
Barn Owl	Tyto alba	•	•	•	V	•
Little Owl	Athene noctua	✓	~	•		
Tawny Owl	Strix aluco	~	~	•	•	✓
Nightjar	Caprimulgus europaeus	✓	~	✓	•	✓
Swift	Apus apus	✓	~	~	•	✓
Ноорое	Upupa epops		✓			
Wryneck	Jynx torquilla	~				
Green Woodpecker	Picus viridis	~	✓	~	✓	~
Great Spotted Woodpecker	Dendrocopus major	✓	✓	✓	•	✓
Woodlark	Lullula arborea	✓		~	✓	✓
Skylark	Alauda arvensis	~	✓	~	✓	~
Sand Martin	Riparia riparia			~	✓	~
Swallow	Hirundo rustica	~	✓	~	✓	~
House Martin	Delichon urbica	✓	✓	~	~	✓
Tree Pipit	Anthus trivialis			✓		
Meadow Pipit	Anthus pratensis	~	✓	~	✓	
Grey Wagtail	Motacilla cinerea	~	✓			
Pied Wagtail	Motacilla alba yarrellii		✓	~	✓	~
Waxwing	Bombycilla garrulous	~	✓	~	✓	~
Wren	Troglodytes troglodytes	✓	✓	~	✓	✓
Dunnock	Prunella modularis	✓	✓	✓	•	✓
Robin	Erithacus rubecula	✓	✓	✓	•	✓
Nightingale	Luscinia megarhynchos	✓	✓	✓	•	✓
Wheatear	Oenanthe oenanthe	✓	✓	✓		
Blackbird	Turdus merula	✓	✓	✓	•	✓
Fieldfare	Turdus pilaris	✓	✓	✓	•	✓
Song Thrush	Turdus philomelos	✓	✓	~	✓	✓
Redwing	Turdus iliacus	✓	✓	~	✓	✓
Mistle Thrush	Turdus viscivorus	✓	✓	~	✓	✓
Reed Warbler	Acrocephalus scirpaceus		✓			✓
Dartford Warbler	Sylvia undata	~	✓			
Lesser Whitethroat	Sylvia curruca	~	✓	~	✓	~
Whitethroat	Sylvia communis	✓	✓	~	✓	✓
Garden Warbler	Sylvia borin	~	✓	~	✓	~
Blackcap	Sylvia atricapilla	~	✓	~	✓	~
Chiffchaff	Phylloscopus collybita	✓	✓	~	✓	✓
Willow Warbler	Phylloscopus trochilus	~	✓	~	✓	~
Goldcrest	Regulus regulus	~	✓	~	✓	~
Firecrest	Regulus ignicapillus					✓
Spotted Flycatcher	Muscicapa striata				✓	
Long-tailed Tit	Aegithalos caudatus	✓	✓	~	✓	~
Marsh Tit	Parus palustris	✓	✓	✓		
Coal Tit	Parus ater	✓	✓	~	✓	✓
Blue Tit	Parus caeruleus	~	•	•	~	✓
Great Tit	Parus major	~	•	•	✓	✓
Treecreeper	Certhia familiaris	~	•	•		
Golden Oriole	Oriolus oriolus				✓	
Jay	Garrulus glandarius	✓	~	~	✓	•

		2004	2005	2006	2007	2008
Magpie	Pica pica	✓	✓	✓	✓	✓
Jackdaw	Corvus monedula	✓	✓	✓	✓	✓
Rook	Corvus frugilegus	✓	~	✓	✓	
Carrion Crow	Corvus corone	✓	~	✓	✓	✓
Starling	Sturnus vulgaris	✓	✓	✓	✓	
House Sparrow	Passer domesticus			✓	✓	
Chaffinch	Fringilla coelebs	✓	✓	✓	✓	✓
Brambling	Fringilla montifringilla					✓
Greenfinch	Carduelis chloris	✓	~	✓	✓	✓
Goldfinch	Carduelis carduelis	✓	~	✓	✓	✓
Siskin	Carduelis spinus	✓	✓	✓		✓
Linnet	Carduelis cannabina	✓	~	✓	✓	✓
Redpoll	Carduelis flammea			✓		
Lesser Redpoll	Carduelis cabaret					✓
Bullfinch	Pyrrhula pyrrhula	✓	~	✓	✓	✓
Yellowhammer	Emberiza citronella	~	•	•	•	•

Richard Drew and Doug Ireland

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

Butterflies and Dragonflies 2004-2009 Butterflies

		2004	2005	2006	2007	2008	2009
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 Haistreak	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	✓	✓	✓		✓	
Ringlet	Aphantopus hyperantus	✓	✓	~	~	~	✓

Hazel Leggett, David Rous, Doug Ireland, Richard Drew

Dragonflies

Black-tailed Skimmer	Orthetrum canvellatum			✓
Four-spotted Chaser	Libellula quadrimaculata	✓		~
Emperor Dragonfly	Anax imperator	✓	✓	
Azure Damselfly	Coenagrion puella	✓		
Common Darter	Sympretum striolatum	✓		✓
Southern Hawker	Aesha cyenea			~

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

Moths recorded in 2007

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

Moths recorded in 2007

Code	Scientific	Vernacular
1340	Eudonia truncicolella	
1356	Evergestis forficalis	Garden Pebble
1424	Endotricha flammealis	
1433	Cryptoblabes bistriga	
1470	Euzophera pinguis	
1485	Phycitodes maritima	
1645	Falcaria lacertinaria	Scalloped Hook-tip
1651	Cilix glaucata	Chinese Character
1652	Thyatira batis	Peach Blossom
1677	Cyclophora albipunctata	Birch Mocha
1680	Cyclophora punctaria	Maiden's Blush
1707	Idaea seriata	Small Dusty Wave
1712	Idaea emarginata	Small Scallop
1713	Idaea aversata	Riband Wave
1738	Epirrhoe alternata	Common Carpet
1752	Cosmorhoe ocellata	Purple Bar
1764	Chloroclysta truncata	Common Marbled Carpet
1776	Colostygia pectinataria	Green Carpet
1803	Perizoma alchemillata	Small Rivulet
1819	Eupithecia exiguata	Mottled Pug
1825	Eupithecia centaureata	Lime-speck Pug
1838	Eupithecia icterata	Tawny Speckled Pug
1862	Gymnoscelis rufifasciata	Double-striped Pug
1884	Abraxas grossulariata	Magpie
1889	Macaria notata	Peacock Moth
1890	Macaria alternata	Sharp-angled Peacock
1906	Opisthograptis luteolata	Brimstone Moth
1913	Ennomos alniaria	Canary-shouldered Thorn
1921	Crocallis elinguaria	Scalloped Oak
1937	Peribatodes rhomboidaria	Willow Beauty
1961	Campaea margaritata	Light Emerald
1978	Hyloicus pinastri	Pine Hawk-moth
1979	Mimas tiliae	Lime Hawk-moth
1997	Furcula furcula	Sallow Kitten
2003	Notodonta ziczac	Pebble Prominent
2005	Peridea anceps	Great Prominent
2006	Pheosia gnoma	Lesser Swallow Prominent
2007	Pheosia tremula	Swallow Prominent
2008	Ptilodon capucina	Coxcomb Prominent
2011	Pterostoma palpina	Pale Prominent
2014	Drymonia dodonaea	Marbled Brown
2028	Calliteara pudibunda	Pale Tussock
2033	Lymantria monacha	Black Arches
2043	Eilema sororcula	Orange Footman
		26

Moths recorded in 2007

Code	Scientific	Vernacular
2044	Eilema griseola	Dingy Footman
2047	Eilema complana	Scarce Footman
2058	Arctia villica	Cream-spot Tiger
2060	Spilosoma lubricipeda	White Ermine
2081	Euxoa tritici	White-line Dart
2085	Agrotis vestigialis	Archer's Dart
2087	Agrotis segetum	Turnip Moth
2089	Agrotis exclamationis	Heart & Dart
2092	Agrotis puta	Shuttle-shaped Dart
2102	Ochropleura plecta	Flame Shoulder
2107	Noctua pronuba	Large Yellow Underwing
2109	Noctua comes	Lesser Yellow Underwing
2111	Noctua janthe	Lesser Broad-bordered Yellow
		Underwing
2118	Lycophotia porphyrea	True Lover's Knot
2123	Diarsia rubi	Small Square-spot
2126	Xestia c-nigrum	Setaceous Hebrew Character
2131	Xestia rhomboidea	Square-spotted Clay
2134	Xestia xanthographa	Square-spot Rustic
2145	Discestra trifolii	Nutmeg
2154	Mamestra brassicae	Cabbage Moth
2157	Lacanobia w-latinum	Light Brocade
2159	Lacanobia suasa	Dog's Tooth
2173	Hadena bicruris	Lychnis
2194	Mythimna albipuncta	White-point
2199	Mythimna pallens	Common Wainscot
2284	Acronicta psi	Grey Dagger
2297	Amphipyra pyramidea	Copper Underwing
2303	Thalpophila matura	Straw Underwing
2306	Phlogophora meticulosa	Angle Shades
2321	Apamea monoglypha	Dark Arches
2334	Apamea sordens	Rustic Shoulder-knot
2337	Oligia strigilis	Marbled Minor
2339	Oligia latruncula	Tawny Marbled Minor
2380	Charanyca trigrammica	Treble Lines
2384	Hoplodrina ambigua	Vine's Rustic
2434	Diachrysia chrysitis	Burnished Brass
2439	Plusia festucae	Gold Spot
2441	Autographa gamma	Silver Y
2449	Abrostola triplasia	Dark Spectacle
2450	Abrostola tripartita	Spectacle Spect
2477	Hypena proboscidalis	Snout

Amphibians, reptiles and mammals 2004-2009

		2004	2005	2006	2007	2008	2009
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

Vascular plants 2004-2009

Vascular plants 2004-9

Acaena anserinifolia (possibly x A. inermis) a Pirri-pirri-bur (see elsewhere in report) Acer pseudoplatanus Sycamore Achillea millefolium Yarrow Aethusa cynapium Fool's Parsley Agrostis canina Velvet Bent Agrostis capillaris Common Bent Agrostis stolonifera Creeping Bent Brown Bent Agrostis vinealis Early Hair-grass Aira praecox Alchemilla vulgaris agg. Lady's mantle

^{*} Species added in 2009

Garlic Mustard Alliaria petiolata Common Fiddleneck Amsinckia micrantha Pyramidal Orchid Anacamptis pyramidalis Anagallis arvensis Scarlet Pimpernel

Bugloss Anchusa arvensis Anisantha sterilis Barren Brome Anthoxanthum odoratum Sweet Vernal Grass Anthriscus caucalis Bur Parsley (Bur Chervil)

Cow Parsley Anthriscus sylvestris Parsley Piert Aphanes arvensis Aphanes australis Slender Parsley-piert

Aquilegia vulgaris Columbine Arabidopsis thaliana Thale Cress Arctium minus Lesser Burdock

Arenaria serpyllifolia ssp. leptoclados Small Thyme-leaved Sandwort

Arrhenatherum elatius False Oat-grass Artemisia vulgaris Mugwort Arum italicum Italian Lords-and-Ladies

Lords-and-Ladies Arum maculatum Atriplex patula Common Orache Ballota nigra Black Horehound

Bellis perennis Daisy Betula pendula Silver Birch Borago officinalis Borage Brassica napus oleifolia Rape Bromus hordeaceus ssp. hordeaceus Soft Brome

Bryonia dioica White Bryony Calluna vulgaris Ling

Calystegia sepium Hedge Bindweed Calystegia silvatica Large Bindweed Capsella bursa-pastoris Shepherd's Purse Cardamine flexuosa Wavy Bittercress Cardamine hirsuta Hairy Bittercress Carduus crispus Welted Thistle

Carduus nutans Carduus tenuiflorus Slender Thistle (Seaside Thistle)

Musk Thistle

Carex arenaria Sand Sedge Pill Sedge Carex pilulifera Sweet Chestnut Castanea sativa Centaurea nigra agg. Common Knapweed Centaurium erythraea Common Centaury Cerastium fontanum ssp. vulgare Common Mouse-ear Cerastium glomeratum Sticky Mouse-ear Cerastium semidecandrum Little Mouse-ear

Climbing Corydalis Ceratocapnos claviculata Chaerophyllum temulentum Rough Chervil

 Chamerion angustifolium
 Rosebay Willowherb

 Chelidonium majus
 Greater Celandine

 Chamerion angustifolium
 Fot box

Chenopodium album Fat-hen

Chenopodium polyspermumMany-seeded GoosefootChionodoxa forbesiiGlory-of-the-snowCirsium arvenseCreeping ThistleCirsium vulgareSpear ThistleClaytonia perfoliataSpring BeautyClaytonia sibiricaPink PurslaneClinopodium ascendensCommon Calamint

Clinopodium vulgareWild BasilConium maculatumHemlockConsolida ajacisLarkspurConvolvulus arvensisField BindweedConyza canadensisCanadian FleabaneCrassula tillaeaMossy StonecropCrataegus monogynaHawthorn

Crepis capillaris
Crepis vesicaria
Smooth Hawk's-beard
Beaked Hawk's-beard

Cuscuta epithymum * Dodder Cynoglossum officinale * Hound's-tongue

Cytisus scopariusBroomDactylis glomerataCock's-footDigitalis purpureaFoxglove

Dryopteris dilatata Broad Buckler-fern Elytrigia repens Couch Grass

Epilobium ciliatumAmerican Willow-herbEpilobium parviflorumHoary WillowherbErica cinereaBell Heather

Erica cinerea Bell Heather
Erodium cicutarium Common Stork's-bill

Erophila verna Common Whitlowgrass
Euphorbia lathyris Caper Spurge

Euphorbia peplus
Petty Spurge
Russian-vine
Fallopia convolvulus
Black Bindweed
Fallopia japonica
Festuca ovina agg.
Sheep's Fescue
Festuca rubra agg.
Red Fescue

Filago vulgaris Common Cudweed

Foeniculum vulgareFennelFraxinus excelsiorAshGalanthus nivalisSnowdropGalium aparineCleavers

Galium mollugoHedge BedstrawGalium saxatileHeath BedstrawGalium verumLady's Bedstraw

Geranium dissectum Cut-leaved Crane's-bill Geranium molle Dove's-foot Crane's-bill Geranium pusillum Small-flowered Crane's-bill

Geranium pyrenaicum Hedgerow Crane's-bill(Pyrenean Crane's-bill)

Geranium robertianum Herb Robert

Geum urbanum Wood Avens (Herb Bennet)

Glechoma hederacea Ground-ivy

Hedera helix Ivy Hogweed Heracleum sphondylium Hesperis matronalis Dame's Violet Holcus lanatus Yorkshire Fog Hordium murinum Wall Barley

Humulus lupulus Hop Hyacinthoides non-scripta Bluebell

Hypericum perforatum Perforate St. John's-wort

Hypochaeris radicata Cat's-ear Ilex aquifolium Holly Juncus bufonius Toad Rush Juncus effusus Soft Rush

Lamiastrum galeobdolon ssp argentatum Yellow Archangel (variegated)

Lamium album White Dead-nettle Lamium purpureum Red Dead-nettle Lapsana communis **Nipplewort** Leontodon autumnalis Autumn Hawkbit Ox-eye Daisy Leucanthemum vulgare Summer Snowflake Leucojum aestrum

Wild Privet Ligustrum vulgare

Linaria vulgaris Common Toadflax Lolium perenne Perennial Rye-grass Lonicera periclymenum Honeysuckle

Lotus corniculatus Common Bird's-foot-trefoil

Lunaria annua Honesty

Luzula campestris Field Woodrush (Good Friday Grass)

Malus domestica Apple

Malva moschata Musk Mallow Malva neglecta **Dwarf Mallow** Malva sylvestris Common Mallow Matricaria discoidea Pineapple-weed Medicago arabica Spotted Medick Medicago polymorpha Toothed Medick

Melissa officinalis Balm

Molinia caerulea Purple Moor-grass

Blinks Montia fontana

Myosotis arvensis Field Forgetmenot Changing Forgetmenot Myosotis discolor Myosotis ramosissima Early Forgetmenot

Myosotis sylvatica Narcissus sp.

Odontites verna ssp. serotinus

Oenothera glazioviana

Ophrys apifera

 $Ornithogalum\ angustifolium$

Ornithops perpusillus
Oxalis articulata
Oxalis corniculata
Papaver rhoeas
Papaver somniferum
Parietaria judaica
Pentaglottis sempervir

Pentaglottis sempervirens Persicaria maculosa

Phleum bertolinii
Picris echioides
Pilosella officinarum
Plantago coronopus
Plantago lanceolata
Plantago major
Poa nemoralis
Poa pratensis

Polygonum aviculare

Polypodium interjectum Polypodium vulgare

Potentilla argentea Potentilla reptans Potentilla sterilis

Primula vulgaris
Prunella vulgaris
Prunus avium
Prunus spinosa
Pteridium aquilinum
Pulicaria dysenterica

Pulicaria dysenterica Quercus ilex

Quercus robur Ranunculus bulbosus Ranunculus ficaria Ranunculus repens Ranunculus sardous

Raphanus raphanistrum Reseda luteola

Ribes rubrum Ribes sanguineum

Rosa canina

Rosa pimpinellifolia

* Wood Forgetmenot

Daffodil Red Bartsia

Large-flowered Evening-primrose

Bee Orchid Star-of-Bethlehem

Birds'-foot Pink-sorrel

* Spreading Yellow Sorrel

Common Poppy Opium Poppy Pellitory-of-the-wall Green Alkanet

Redleg

Small Cat's-tail
Bristly Ox-tongue
Mouse-ear Hawkweed
Buck's-horn Plantain
Ribwort Plantain
Rat's-tail Plantain
Wood Meadow-grass
Smooth Meadow-grass

Knotgrass

Western Polypody

Polypody

Hoary Cinquefoil Creeping Cinquefoil Barren Strawberry

Primrose Selfheal Wild Cherry Blackthorn Bracken

Common Fleabane

Holm Oak
Pedunculate Oak
Bulbous Buttercup
Lesser Celandine
Creeping Buttercup
Hairy Buttercup
Wild Radish

Weld

Red Currant

Flowering Currant

Dog Rose

Burnet Rose ("Dunwich Rose" locally)

Rosa rubiginosa Sweet-briar (Eglantine)
Rubus caesius Dewberry

Rubus fruticosus agg.BrambleRumex acetosaCommon SorrelRumex acetosellaSheep's-sorrelRumex crispusCurled DockRumex obtusifoliusBroad-leaved Dock

Rumex obtusifoliusBroad-leaved DockSagina procumbensProcument PearlwortSagina subulataHeath PearlwortSalix capreaGoat Willow

Salix cinerea ssp. cinereaGrey WillowSalvia verbenacaWild ClarySambucus nigraElderSaponaria officianalis* Soapwort

Scleranthus annuusAnnual KnawelScrophularia nodosaCommon FigwortSedum acreBiting Stonecrop

Sedum acreBiting StonecropSedum albumWhite StonecropSenecio jacobaeaCommon RagwortSenecio sylvaticusHeath GroundselSenecio vulgarisGroundselSilene dioicaRed Campion

Silene latifoliaWhite CampionSinapsis arvensisCharlockSisymbrium officinaleHedge MustardSmyrnium olusatrumAlexanders

Solanum nigrumBlack NightshadeSonchus asperPrickly Sow-thistleSonchus oleraceusSmooth Sow-thistleSorbus aucupariaRowan

Sorbus aucupariaRowanSpurgularia rubraSand SpurreyStachys sylvatica* Hedge WoundwortStellaria gramineaLesser StitchwortStellaria holosteaGreater Stitchwort

Stellaria mediaCommon ChickweedSymphytum orientaleWhite Comfrey

Symphytum x uplandicum
Tanacetum parthenium

Winte Conffrey
Russian Comfrey
Feverfew

Tanacetum vulgareTansyTaraxacum officinale agg.DandelionTaraxacum Sect. ErythrospermaLesser DandelionTeesdalia nudicaulisShepherd's Cress

Teucrium scorodonium Wood Sage
Torilis japonica Upright Hedge-parsley

Trifolium campestre Hop Trefoil
Trifolium dubium Lesser Trefoil

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Vascular plants 2004-9

Trifolium glomeratum
Trifolium micranthum
Trifolium micranthum

Trifolium ornithopodioides

Trifolium repens
Trifolium striatum
Trifolium subterraneum
Trifolium suffocatum
Tripolium suffocatum

Tripleurospermum inodorum Ulex europaeus

Ulex gallii
Ulmus procera
Umbilicus rupestris
Urtica dioica
Urtica urens

Verbascum x semialbum (V.thapsus x nigrum)

Verbascum nigrum Verbascum thapsus Verbascum virgatum Veronica arvensis Veronica chamaedrys

Veronica hederifolia ssp. lucorum

Veronica officinalis Veronica persica Veronica serpyllifolia

Vicia hirsuta

Vicia sativa ssp. nigra Vicia sativa ssp. segetalis

Vinca major Viola arvensis Viola odorata

Viola reichenbachiana Viola riviniana Vulpia bromoides

Joan Westcott Alison Paul Judy Boulanger

* New species in 2009

Total number of species = 273

Clustered Clover Slender Trefoil

Bird's-foot Clover (Fenugreek)

White Clover Knotted Clover Subterranean Clover Suffocated Clover Scentless Mayweed

Gorse

Western Gorse English Elm

Navelwort (Wall Pennywort)

Stinging Nettle
Small Nettle
Hybrid Mullein
Dark Mullein
Great Mullein
Twiggy Mullein
Wall Speedwell
Germander Speedwell
Ivy-leaved Speedwell
Heath Speedwell

Common Field-speedwell Thyme-leaved Speedwell

Hairy Tare

Common Vetch ssp. Common Vetch ssp. Greater Periwinkle

Field Pansy Sweet Violet Wood Dog-violet Common Dog-violet Squirrel-tailed Fescue

Bryophytes and cyanobacteria 2004-2009

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

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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)

Fungi recorded in 2007-2008

Fungi		2007	2008
Aleuria aurantica	Orange peel fungus	✓	•
Amanita citrina	False death cap	✓	•
Amanita fulva	Tawny grisette	~	•
Amanita muscaria	Fly agaric	~	•
Amanita phalloides	Death cap	~	•
Armillaria mellea	Honey fungus		~
Bjerkandera adjusta	Smoky bracket		~
Boletus edulis	Penny bun	~	•
Bovista nigrescens	Brown puffball		•
Calvatia exipuliforme	Pestle	~	•
Clavaria argillacea	Moor club	~	•
Clavaria fusiformis	Golden spindles	✓	
Clavaria helvola	Yellow club	~	

Fungi		2007	2008
Clavaria rugosa	Club fungus	✓	
Clitocybe infundibuliformis	Common funnel	✓	✓
Clitocybe nebularis	Clouded agaric	~	✓
Collybia butyracea	Buttercap	✓	✓
Coniophora puteana	Wet rot		~
Conocybe rickeniana		•	
Coprinus atramentarius	Common ink cap	~	
Coprinus disseminatus	Fairy bonnet	•	
Cordeyceps militaris	Scarlet caterpillar club		~
Cortinarius sp.	Webcap		~
Dacromyces deliquesens	•		
Daedaleopsis confragosa	Blushing bracket	~	~
Flammulina velutipes	Velvet stem	✓	✓
Galerina hypnorum	Moss bell	~	~
Geoglossum sp.	Earth tongue		~
Gymnopilus junonius	Spectular rustgill	•	
Handkea utriformis	Mosaic puffball	~	~
Hebeloma crustuliniforme	Poison pie	✓	✓
Hebeloma mesophaeum	Veiled poison pie	✓	✓
Hohenbuehelia geogenia	Oyster		✓
Hygrocybe coccinea	Scarlet wax cap	✓	✓
Hypholoma fasciculare	Sulphur tuft	✓	✓
Inocybe maculata	Frosty fibrecap	✓	✓
Laccaria amathystina	Violet deceiver	✓	✓
Laccaria proxima	Scurfy deciever	✓	~
Lactarius quietus	Oakbug milkcap	✓	✓
Lactarius turpis	Ugly milkcap	✓	✓
Lepista flaccida	Tawny funnel	✓	✓
Lepista saeva	Common field blewit	✓	✓
Lycoperdon spp	Puffballs	✓	✓
Macrolepiota procera	Parasol	✓	✓
Macrolepiota rhacodes	Woodland parasol	✓	
Mycena epipterygia	Yellowleg bonnet	✓	✓
Mycena vitilis	Snapping bonnet	~	✓
Omphalina fibula	Orange mosscap	✓	✓
Otidea onotica	Hares ear	✓	
Oudemansiella radicata	Rooting shank	~	✓
Paxillus involutus	Brown rollrim	✓	✓
Peiophora incarnate	Rosy crust		✓
Peziza rutilans	Cup fungus (ascomycete)		
Phallus impudicus	Stinkhorn	~	~
Piptoporus betulinus	Razorstrop fungus	~	~
Pleurotus ostreatus	Oyster mushroom	~	~
Polypore spp	Bracket fungus		
Rickenella fibula	Orange mosscap		✓
Russula atropurpurea	Purple brittle gill	✓	✓
Russula violeipes	Velvet brittle gill	✓	•
Scleroderma aurantium	Earth ball	✓	•
Stereum hirsutum	Hairy curtain crust	✓	
Thelephora terrestris	Earthfan		•
Trametes cinnibarina	(Bracket fungus)		
Trametes gibbosa	Lumpy bracket	~	•
· ·	± •		

Westleton, The Common Management Plan 2013 - 2023

Fungi Trametes versicolor Tremella mesenterica Xylaria hypoxylon	Turkeytail Yellow brain Candlesnuff fungus	2007	2008
Rusts			
Phragmidium violaceum	Violet bramble rust	~	✓
Puccinia glechomatis	Ground ivy rust	✓	•
Puccinia malvacearum	Mallow rust	~	~
Mildew			
Microsphaera alphitoides	Oak mildew		~
Algae			
Trentepohlia spp.	Red Alga		•

Michael Kirby (most of the records) and Sheila Francis

Lichens recorded 1984 to 2009

DAFOR Score

D - Dominant
A - Abundant
F - Frequent
O - Occasional
R - Rare

Lichen name	DAFOR Score
Amandinea punctata	0
Anisomeridium polypori	O
Arthroraphis grisea	R
Bacidia saxenii	R
Baeomyces rufus	O
Caloplaca citrina	O
Caloplaca flavocitrina	O
Caloplaca holocarpa	O
Caloplaca phlogina	O
Candelariella aurella	O
Candelariella vitellina	O
Catillaria chalybeia	O
Cetraria aculeata	F
Cladonia caespiticia	O
Cladonia cervicornis var. cervicornis	O
Cladonia cervicornis var. verticillata	O
Cladonia chlorophaea	F
Cladonia ciliata var. ciliata	O

Lichens DAFOR Score

D - Dominant A - Abundant F - Frequent O - Occasional R - Rare

Lichen nameDAFOR ScoreCladonia ciliata var. tenuisOCladonia coniocraeaOCladonia diversaFCladonia fimbriataOCladonia fimbriataOCladonia foliaceaOCladonia foliaceaOCladonia furcata var. furcataFCladonia glaucaOCladonia humilisOCladonia macilentaOCladonia macilentaOCladonia portentosaACladonia ramulosaFCladonia scabriusculaRCladonia scabriusculaRCladonia subulataRClaonia subulataRCliostomum griffithiiRDimerella pinetiREvernia prunastri var. heriniiREvernia prunastri var. prunastriFFlavoparmelia caperataRHypogymnia physodesAHypogymnia physodesAHypogymnia physodesRHypotrachyna revolutaRLecanora collaroteraRLecanora contiziaeoidesRLecanora contiziaeoidesRLecanora contiziaeoidesRLecanora expallensFLecanora flotovianaRLecanora flotovianaRLecidella elaeochromaOLecidella elaeochromaGLecidella stigmateaRLepraria iocianaFLepraria incanaFMicarea denigrataRMicarea dithinellaRMicarea prasina <th></th> <th></th>		
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Lecidella elaeochroma Lecidella stigmatea R Lepraria lobificans F Lepraria incana F Melanelixia subaurifera F Micarea denigrata Micarea erratica Micarea lignaria var. lignaria R Micarea nitschkeana R	Lecanora expallens	F
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Lepraria lobificansFLepraria incanaFMelanelixia subauriferaFMicarera denigrataRMicarea erraticaRMicarea lignaria var. lignariaRMicarea lithinellaRMicarea nitschkeanaR		O
Lepraria incana F Melanelixia subaurifera F Micarera denigrata R Micarea erratica R Micarea lignaria var. lignaria R Micarea nitschkeana R	Lecidella stigmatea	R
Melanelixia subauriferaFMicarera denigrataRMicarea erraticaRMicarea lignaria var. lignariaRMicarea lithinellaRMicarea nitschkeanaR	Lepraria lobificans	F
Micarera denigrataRMicarea erraticaRMicarea lignaria var. lignariaRMicarea lithinellaRMicarea nitschkeanaR		F
Micarea erraticaRMicarea lignaria var. lignariaRMicarea lithinellaRMicarea nitschkeanaR	Melanelixia subaurifera	F
Micarea lignaria var. lignariaRMicarea lithinellaRMicarea nitschkeanaR	Micarera denigrata	R
Micarea lithinella R Micarea nitschkeana R	Micarea erratica	R
Micarea nitschkeana R	Micarea lignaria var. lignaria	R
	Micarea lithinella	
Micarea prasina R	Micarea nitschkeana	R
	Micarea prasina	R

Lichens DAFOR Score

D - Dominant A - Abundant F - Frequent O - Occasional

R - Rare

	D. 1 E.O.D.
Lichen name	DAFOR
D 11 1	Score
Parmelia sulcata	F
Parmotrema perlata	O
Peltigera canina	A
Peltigera hymenina	F
Peltigera rufescens	F
Pertusaria hemisphaerica	R
Phaeophyscia orbicularis	F
Physcia adscendens	F
Physcia caesia	О
Physcia tenella var. tenella	F
Placynthiella dasaea	R
Placynthiella icmalea	O
Placynthiella oligotropha	R
Placynthiella uliginosa	R
Porpidia soredizodes	F
Porpidia tuberculosa	O
Protoblasrtenia rupestris	R
Pseudevernia furfuracea var.	R
Psilolechia lucida	R
Punctelia jeckeri	R
Punctelia subrudecta	O
Ramalina farinacea	F
Rhizocarpon distinctum	R
Rhizocarpon reductum	A
Sarcogyne regularis	R
Scoliciosporum chlorococcum	O
cf Schaereria fuscocinerea	R
Trapelia obtegens	R
Trapeliopsis flexuosa	R
Trapeliopsis granulosa	R
Usnea cf flammea	R
Verrucaria muralis	R
Verrucaria nigrescens	R
Verrucaria nigrescens f. tectorum	R
Xanthoparmelia mougeotii	R
Xanthoria candelaria	R
Xanthoria parietina	F
Xanthoria polycarpa	O
	J
Allied fungi	
Arthonia punctiformis	R
Athelia arachnoidea	R
Cyrtidula quercus	0
Xanthoriicola physciae	R

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List of sites and dates surveyed

Area	Grid Ref	Date
Footpath east of road	62/445.684 to	4/5/1984
	62/449.687	
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)

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

A 479		2004	2005	2006	2007	2008
Antlions Euroleon nostras	Antlion	•	•	•	•	•
Mites						
Aceria ilicis (Acari:	On Holm Oak					~
Eryiophydoidea)						
Tetranychus lintearius	Gorse mite	•	•	~	~	~
Oak galls caused by gall w	asps:					
Andricus fecundator	Artichoke gall	✓	✓	✓	✓	
Andricus kollari	Marble gall	✓	~	✓	✓	
Andricus lignicola	Cola-nut gall	✓	~	✓		
Andricus quercusalicis	Knopper gall	✓	✓	•	✓	
Biorhiza pallida	Oak apple gall	✓		•	✓	
Cynips divisa	Oak pea gall			•		
Cynips quercusfolii	Cherry gall	✓		✓		
Neuroterus albipes	Smooth spangle gall	~		•	~	

Neuroterus numismalis	Silk button gall	✓		~	~	
Neuroterus quercusbaccarum	Spangle gall	•	•	•	•	
Willow (Sallow) leaf galls	caused by:					
Aceria tetanothrix	A gall mite	~		✓	~	
Aculus laevis	(Eriophyid gall mite)				✓	~
Iteomyia major	Gall midge (Diptera; Cecidomyiidae)				•	
Pontania sp.	A sawfly	•		•	•	
Pontania bridgemanni	Leaf gall sawfly					~
Galls caused by:						
Acalitus rudis	Birch leaf gall (Eriophyid mite)				•	
Aceria genista	Broom gall				✓	
Eriophyes simulis	Wild plum leaf gall				✓	
Eriophyes prunispinosae	Mite gall on Blackthorn				~	
Liposthenes glechomae	Wasp gall on ground ivy				~	
Phyllocoptes goniothorax	Hawthorn leaf margin gall (Eriophyid mite)				•	
Trioza remota	Leaf gall	~		~	~	
Barkflies or barklice (Lic	e, Order Psoptera)					
Ectopsocus briggsi					•	
Ectopsocus petersi					✓	
Trichopsocus clarus					✓	
Valenzuela flavidus					•	
Some insects and mite	s recorded in 2004-2	008				

Some insects and mites recorded in 2004-2008

		2004	2005	2006	2007	2008
Beetles and Bugs						
Adalia 10-punctata	10-spot ladybird				✓	
Chilochorus 2-pustulatus	Heather ladybird				✓	✓
Chilochorus renipustulatus	Kidney-spot ladybird				✓	
Coccinella 7-punctata	7-spot ladybird	✓	✓	•	✓	✓
Exochomus 4-pustulatus	Pine ladybird		✓		✓	✓
Harmonia axyridis	Harlequin ladybird				✓	✓
Stethorus punctillum	A black ladybird (on	✓	✓	✓	✓	
•	gorse)					
Carabus violaceus	Violet ground beetle		✓			
Apion ulicis	Gorse weevil		✓			✓
Piezodorus lituratus	Gorse sheildbug	✓	✓	✓	✓	•
Typhaeus typhoeus	Minotaur beetle	✓	✓	•	✓	•
71 71						

Insect species seen in 2004 (Nigel Cuming)

Philanthus triangulum. (F). Bee-wolf. <u>Status</u>: 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

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

Amaurobiidiae (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)

Araneaus 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



WESTLETON COMMON FRIENDS COMMITTEE At APRIL 2nd 2013.

NAME	OFFICE
Ivor Murrell	WCF Chairman and Treasurer
Tony Ingram	Secretary
David Rous	Work Party Leader
Juliet Bullimore	Fauna and Flora co-ordinator and annual report collation
Penny Rous	Events communications and PR
Arlette Smith	Committee member and Parish Council Chairman
Antony Clough	Committee member, Tree Warden and Parish Councillor
Gordon Turner	Committee member, Parish Councillor and liaison to the PC
Sheena Robertson	Committee member and Parish Councillor
Nick Shearme	Committee member and Chairman of the Bonfire Committee

