



# FRIENDS OF MARKSTAKES COMMON

## ANNUAL REPORT 2011 - 12

# Welcome to our Third Annual Report

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## *Chairman's Summary*

When I wrote a Chairman's report for last Annual General Meeting there had been significant uncertainty over the management of Markstakes Common. The original action points set out in the management plan of 2008 had largely been completed and a greater understanding of the wildlife value of the Common was being achieved through ongoing survey work. Of particular note was the confirmation that both Great Crested Newt and Dormice are present on the site. Both these species are Biodiversity Action Plan (BAP) Priority Species and Dormice enjoy particularly strong protection.

Appropriate strategies for managing a pond when Great crested Newts are present is well documented but judging the appropriate level of management for an overgrown site when Dormice are present is more contentious. To help find the right balance between the needs of the site overall and the needs of Dormice the Community Ranger invited several individuals who are prominent in conservation in Sussex to visit the site and discuss options for management going forward. Overall the consensus was that activity had been appropriate and could continue but that future activity would be better informed if Common was properly mapped.

Although no longer on the Chailey Common Rota the Friends of Markstakes Common was overdue for a more comprehensive survey and 2011 was a year where a lot of survey work was undertaken. In particular the Common was surveyed in depth for plants, reptile survey work was expanded and dragonflies and butterflies were surveyed more systematically. As Chairman I would like to record particular thanks to all those that have put in such an extraordinary effort with these surveys. In 2012 the Friends will also be playing a role in mapping the habitats on the Common.



An important development during the year was that the Council received a Higher Level Stewardship grant for several of their sites including the Common. Given the pressure the Council is under to find cuts, this is an important development which should secure the financial support for work on the Common for the next ten years.

The New Habitat Management Plan progresses although its finalisation waits on the completion of mapping work. We feel that a good balance has been struck between managing the site for the value of its habitats and the needs of particular species. Given the securing of medium term financial support and the underpinning of our work by more comprehensive wildlife records we are well placed to manage the Common effectively gong forward.

*Rupert Hall*

### *Treasurer's Summary*

The 'Friends' of Markstakes have supported us again this year with their subscriptions and we also acknowledge the help and support of the Lewes District Council through their services and provision of tools and advice.

This year has been one of consolidation and our funds will be used, as appropriate, to support our work on the common as we proceed with our surveys and building of our knowledge of this valuable site.

William Coleman

**FRIENDS OF MARKSTAKES COMMON**

**Year 01/03/11 to 28/02/12**

<b><u>INCOME &amp; EXPENDITURE</u></b>		<b><u>Year 01/03/11 to 28/02/12</u></b>	
<b><u>INCOME</u></b>		<b><u>EXPENDITURE</u></b>	
Subscriptions	47.00	<b>TOOLS</b>	0.00
Donations	8.00	<b>PRINTING</b>	0.00
Grants	0.00	<b>POSTAGES</b>	0.00
Other	0.00	<b>Other</b>	0.00
<b>Total</b>	<b>55.00</b>	<b>Total</b>	<b>0.00</b>
		Income over Expenditure	55.00
	<u>55.00</u>		<u>55.00</u>

<b><u>BANK RECONCILIATION</u></b>			
Opening Bank Balance 01.03.11	<u>501.51</u>	Income over Expenditure	<u>55.00</u>
	<u>501.51</u>	Closing Balance 28.02.12	<u>556.51</u>

<b><u>BALANCE SHEET</u></b>		
<b>ASSETS</b>		
	BANK BALANCES	556.51
	OTHER ASSETS	
<b>TOTAL ASSETS</b>		<b>556.51</b>
<b>LIABILITIES</b>		
	CREDITORS	
	OTHER LIABILITIES	
<b>TOTAL LIABILITIES</b>		<b>0.00</b>
<b>NET ASSETS(LIABILITIES)</b>		<b>556.51</b>

## *Ranger's Report*

The last year has been another eventful one for Markstakes Common.

This year there was no bracken mowing using a tractor. It was all done using hand tools, hand scythes where possible, and also a pedestrian motor scythe. This is a more accurate way of targeting the bracken and avoiding the variety of other plants that are now starting to colonise the areas that were heavily dominated by bracken. This approach will be continued in the next year.

Following the successful Friends of Markstakes Common glade clearance, heather is starting to re-colonise some areas. Unfortunately this was being heavily grazed by deer or rabbits. In the winter we started an experiment protecting the heather with specially built cages. There are also experiments being carried out in the Northern and Southern bracken fields to see whether scraping or digging off the thick bracken peat layer has any effect on the plants that grow there.

An area of silver birch has been felled between the 'heather' glade and the 'mire' to connect the 2 open areas. The stumps will be treated in the autumn to prevent their re-growth.

Bramble and silver birch saplings have been cleared by hand continuously through the summer to prevent them taking over some of the glades where heather and wildflowers are doing well, especially in 'Corner' glade and 'Friends heather' glade.

A large amount of invasive rum cherry trees and saplings were cleared and treated at the north of Markstakes Common with some of the logs piled for basking lizards.

Some of the veteran and feature trees (mainly oaks but also one particularly fine old hornbeam pollard) have had some of the smaller birch trees felled around them. This process of 'haloing' allows more light to the old trees.



General tree safety works have continued throughout the year where trees and branches have fallen or are likely to fall onto paths.

There was a cut of some of the paths that had become particularly overgrown in the summer.

As the chairman mentioned in his report, some of the vegetation has been cleared from the high pond especially branched bur reed which seems to have increased significantly in the last year. However Bog pond weed and marsh pennywort were exciting finds in the high pond which continues to have a healthy population of newts. Worryingly there has been a report of people wading in the pond 'communing with nature'. If anyone sees this happening, please report it to the rangers and let the people know that it is damaging the pond life quite as much as dogs splashing about in the pond. When the bottom sediment gets churned up, the species that live in the sediment are disturbed, the water becomes cloudy and the diversity of pond life can decline dramatically. This is particularly important for a pond such as the one at Markstakes Common that is in a remote location and has remained relatively undisturbed for many years.

There have been 2 guided walks and a moth night at Markstakes Common this year

Lewes District Council would like to thank the Friends of Markstakes Common for huge amount of work they have done this year both in the management of the common and in the flora and fauna survey work. We have also been helped this year by volunteers from Brighton Conservation Volunteers and the South Downs National Park Volunteer Ranger Service.

I know that everyone who knows Markstakes Common, knows what a special place it is. As the bluebells start to flower I know that we will all be looking forward to another year of enjoying the beauty and wildlife of Markstakes Common.

## *Survey Reports and Results*

### **Vascular Plants: Records 1991-2011**

**Recorders:** 1991: Sue Jordan, Val Martin, Paula Walkinshaw; 1997: Jenny Barbour, Honor Lamb; 2008-10: Friends of Markstakes. (Grasses, sedges and rushes were not surveyed in 1997.) ; 2011 Jacqui Hutson, Jon Wood, William Coleman.

**Reference for names:** Streeter, D., Hart-Davies, C., Hardcastle, A., Cole, F. and Harper, L. (2009) *Collins Flower Guide*. HarperCollins.

Scientific name	English name	1991	1997	2008 -10	2011
FERNS					
<i>Athyrium filix-femina</i>	Lady-fern				✓
<i>Blechnum spicant</i>	Hard-fern			✓	✓

Scientific name	English name	1991	1997	2008 -10	2011
<i>Dryopteris affinis</i>	Scaly Male-fern				✓
<i>Dryopteris dilatata</i>	Broad Buckler-fern			✓	✓
<i>Dryopteris filix-mas</i>	Male-fern			✓	
<i>Phyllitis scolopendrium</i>	Hart's-tongue				✓
<i>Pteridium aquilinum</i>	Bracken			✓	✓
CONIFERS					
PINACEAE					
<i>Picea sitchensis</i>	Sitka Spruce			✓	✓
<i>Pinus sylvestris</i>	Scots Pine		✓		
TAXACEAE					
<i>Taxus baccata</i>	Yew	✓	✓	✓	✓
FLOWERING PLANTS					
RANUNCULACEAE					
<i>Aconitum napellus</i>	Monk's-hood	✓			
<i>Anemone nemorosa</i>	Wood Anemone	✓	✓	✓	✓
<i>Aquilegia vulgaris</i>	Columbine	✓			✓
<i>Ranunculus acris</i>	Meadow Buttercup	✓	✓	✓	
<i>Ranunculus ficaria</i>	Lesser Celandine	✓	✓	✓	✓
<i>Ranunculus flammula</i>	Lesser Spearwort	✓	✓	✓	✓
<i>Ranunculus repens</i>	Creeping Buttercup	✓	✓	✓	✓
CANNABACEAE					
<i>Humulus lupulus</i>	Hop				✓
URTICACEAE					
<i>Urtica dioica</i>	Common Nettle	✓	✓	✓	✓
FAGACEAE					
<i>Fagus sylvatica</i>	Beech	✓	✓	✓	✓
<i>Quercus robur</i>	Pedunculate Oak	✓	✓	✓	✓
<i>Quercus robur x petraea</i>	Hybrid Oak				✓
BETULACEAE					
<i>Alnus glutinosa</i>	Alder			✓	✓
<i>Betula pendula</i>	Silver Birch		✓	✓	✓
<i>Betula pubescens</i>	Downy Birch			✓	✓
<i>Betula pendula x pubescens</i>	Hybrid Birch				✓
<i>Carpinus betulus</i>	Hornbeam	✓	✓	✓	✓
<i>Corylus avellana</i>	Hazel	✓	✓	✓	✓
CHENOPODIACEAE					
<i>Chenopodium polyspermum</i>	Many-seeded Goosefoot			✓	✓
CARYOPHYLLACEAE					
<i>Cerastium fontanum</i>	Common Mouse-ear	✓	✓	✓	✓
<i>Cerastium semidecandrum</i>	Little Mouse-ear	✓		✓	
<i>Lychnis flos-cuculi</i>	Ragged-robin		✓		✓
<i>Moehringia trinervia</i>	Three-nerved Sandwort	✓		✓	✓
<i>Silene dioica</i>	Red Campion	✓	✓	✓	✓
<i>Stellaria uliginosa</i>	Bog Stitchwort	✓	✓		✓
<i>Stellaria graminea</i>	Lesser Stitchwort	✓	✓	✓	✓



Scientific name	English name	1991	1997	2008 -10	2011
<i>Stellaria holostea</i>	Greater Stitchwort			✓	✓
<i>Stellaria media</i>	Common Chickweed	✓	✓	✓	✓
POLYGONACEAE					
<i>Persicaria hydropiper</i>	Water-pepper	✓		✓	✓
<i>Persicaria lapathifolia</i>	Pale Persicaria	✓			
<i>Persicaria maculosa</i>	Redshank	✓	✓	✓	✓
<i>Polygonum aviculare</i>	Knotgrass				✓
<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>Rumex sanguineus</i>	Wood Dock				✓
CLUSIACEAE					
<i>Hypericum elodes</i>	Marsh St John's-wort		✓		
<i>Hypericum perforatum</i>	Perforate St John's-wort				✓
<i>Hypericum pulchrum</i>	Slender St John's-wort	✓	✓		
<i>Hypericum tetrapterum</i>	Square-stalked St John's-wort		✓		
<i>Hypericum humifusum</i>	Trailing St John's-wort			✓	✓
MALVACEAE					
<i>Malva moschata</i>	Musk-mallow	✓			✓
<i>Malva sylvestris</i>	Common Mallow			✓	
VIOLACEAE					
<i>Viola canina</i>	Heath Dog-violet	✓			
<i>Viola riviniana</i>	Common Dog-violet	✓	✓	✓	✓
SALICACEAE					
<i>Salix alba</i>	White Willow				✓
<i>Salix caprea</i>	Goat Willow	✓	✓	✓	✓
<i>Populus tremula</i>	Aspen			✓	✓
BRASSICACEAE					
<i>Alliaria petiolata</i>	Garlic Mustard	✓	✓	✓	✓
<i>Cardamine flexuosa</i>	Wavy Bitter-cress	✓		✓	✓
<i>Cardamine hirsuta</i>	Hairy Bitter-cress	✓	✓		✓
<i>Cardamine pratensis</i>	Lady's-smock	✓	✓	✓	✓
<i>Rorippa nasturtium-aquaticum</i>	Water-cress		✓		
<i>Teesdalia nudicaulis</i>	Shepherd's Cress		✓		
ERICACEAE					
<i>Calluna vulgaris</i>	Heather			✓	✓
PRIMULACEAE					
<i>Anagallis arvensis</i>					✓
<i>Lysimachia nemorum</i>	Yellow Pimpernel	✓	✓	✓	✓
<i>Lysimachia nummularia</i>	Creeping-Jenny		✓		
<i>Primula vulgaris</i>	Primrose	✓	✓	✓	✓
GROSSULARIACEAE					
<i>Ribes rubrum</i>	Red Currant			✓	✓
ROSACEAE					

Scientific name	English name	1991	1997	2008 -10	2011
<i>Crataegus laevigata</i>	Midland Hawthorn			✓	✓
<i>Crataegus monogyna</i>	Common Hawthorn	✓	✓	✓	✓
<i>Crataegus laevigata x monogyna</i>	Hybrid Hawthorn				✓
<i>Filipendula ulmaria</i>	Meadowsweet	✓			
<i>Fragaria vesca</i>	Wild Strawberry				✓
<i>Geum urbanum</i>	Wood Avens		✓	✓	✓
<i>Malus domestica</i>	Apple			✓	✓
<i>Malus sylvestris</i>	Crab Apple		✓	✓	✓
<i>Potentilla anserina</i>	Silverweed	✓	✓	✓	✓
<i>Potentilla erecta</i>	Tormentil	✓	✓	✓	✓
<i>Potentilla x mixta</i>	Hybrid Cinquefoil			✓	✓
<i>Potentilla reptans</i>	Creeping Cinquefoil	✓	✓	✓	✓
<i>Potentilla sterilis</i>	Barren Strawberry	✓	✓	✓	✓
<i>Prunus avium</i>	Wild Cherry			✓	✓
<i>Prunus domestica</i>	Wild Plum			✓	
<i>Prunus serotina</i>	Rum Cherry		✓	✓	✓
<i>Prunus spinosa</i>	Blackthorn	✓	✓	✓	✓
<i>Pyrus communis</i>	Pear			✓	
<i>Rosa arvensis</i>	Field Rose			✓	✓
<i>Rosa canina</i>	Dog-rose	✓	✓	✓	✓
<i>Rubus fruticosus</i>	Bramble	✓	✓	✓	✓
<i>Sorbus torminalis</i>	Wild Service Tree			✓	✓
FABACEAE					
<i>Lathyrus pratensis</i>	Meadow Vetchling		✓		
<i>Lotus corniculatus</i>	Common Bird's-foot Trefoil	✓	✓	✓	✓
<i>Lotus pedunculatus</i>	Greater Bird's-foot Trefoil	✓	✓	✓	✓
<i>Trifolium repens</i>	White Clover	✓	✓	✓	
<i>Ulex europaeus</i>	Gorse	✓	✓	✓	✓
<i>Vicia cracca</i>	Tufted Vetch		✓		
<i>Vicia sativa</i>	Common Vetch	✓	✓	✓	
<i>Vicia sepium</i>	Bush Vetch		✓	✓	✓
LYTHRACEAE					
<i>Lythrum portula</i>	Water-purslane			✓	✓
ONAGRACEAE					
<i>Chamerion angustifolium</i>	Rosebay Willowherb	✓	✓	✓	✓
<i>Circaea lutetiana</i>	Enchanter's-nightshade	✓	✓	✓	✓
<i>Epilobium montanum</i>	Broad-leaved Willowherb			✓	✓
<i>Epilobium palustre</i>	Marsh Willowherb		✓		
<i>Epilobium obscurum</i>	Short-fruited Willowherb			✓	✓
CORNACEAE					
<i>Cornus sanguinea</i>	Dogwood				✓
CELASTRACEAE					
<i>Euonymus europaeus</i>	Spindle	✓		✓	✓
AQUIFOLIACEAE					
<i>Ilex aquifolium</i>	Holly	✓	✓	✓	✓

Scientific name	English name	1991	1997	2008 -10	2011
EUPHORBIACEAE					
<i>Euphorbia amygdaloides</i>	Wood Spurge		✓	✓	✓
<i>Mercurialis perennis</i>	Dog's Mercury		✓	✓	✓
RHAMNACEAE					
<i>Frangula alnus</i>	Alder Buckthorn			✓	✓
POLYGALACEAE					
<i>Polygala serpyllifolia</i>	Heath Milkwort				✓
ACERACEAE					
<i>Acer campestre</i>	Maple			✓	✓
<i>Acer pseudoplatanus</i>	Sycamore			✓	✓
OXALIDACEAE					
<i>Oxalis acetosella</i>	Wood-sorrel				✓
GERANIACEAE					
<i>Geranium robertianum</i>	Herb Robert	✓	✓	✓	✓
BALSAMINACEAE					
<i>Impatiens glandulifera</i>	Indian Balsam			✓	✓
ARALIACEAE					
<i>Hedera helix</i>	Ivy	✓	✓	✓	✓
APIACEAE					
<i>Aegopodium podagraria</i>	Ground-elder	✓	✓	✓	
<i>Angelica sylvestris</i>	Wild Angelica			✓	✓
<i>Anthriscus sylvestris</i>	Cow Parsley	✓	✓		✓
<i>Conopodium majus</i>	Pignut			✓	✓
<i>Heracleum sphondylium</i>	Hogweed	✓	✓	✓	✓
<i>Hydrocotyle vulgaris</i>	Marsh Pennywort	✓	✓		✓
GENTIANACEAE					
<i>Centarium erythraea</i>	Common Centaury	✓		✓	✓
SOLANACEAE					
<i>Solanum dulcamara</i>	Woody Nightshade				✓
BORAGINACEAE					
<i>Myosotis arvensis</i>	Field Forget-me-not	✓	✓		✓
<i>Myosotis discolor</i>	Changing Forget-me-not	✓			✓
LAMIACEAE					
<i>Ajuga reptans</i>	Bugle	✓	✓	✓	✓
<i>Ballota nigra</i>	Black Horehound		✓		
<i>Galeopsis tetrahit</i>	Common Hemp-nettle				✓
<i>Glechoma hederacea</i>	Ground-ivy	✓	✓	✓	✓
<i>Lycopus europaeus</i>	Gipsywort	✓	✓	✓	✓
<i>Prunella vulgaris</i>	Selfheal	✓	✓	✓	✓
<i>Scutellaria minor</i>	Lesser Skullcap	✓	✓	✓	✓
<i>Stachys officinalis</i>	Betony				✓
<i>Stachys sylvatica</i>	Hedge Woundwort			✓	✓
<i>Teucrium scorodonia</i>	Wood Sage	✓	✓	✓	✓
CALLITRICHACEAE					
<i>Callitriche stagnalis</i>	Water-starwort			✓	✓

Scientific name	English name	1991	1997	2008 -10	2011
PLANTAGINACEAE					
<i>Plantago coronopus</i>	Buck's-horn Plantain				✓
<i>Plantago major</i>	Greater Plantain			✓	✓
OLEACEAE					
<i>Fraxinus excelsior</i>	Ash			✓	✓
<i>Ligustrum vulgare</i>	Wild Privet				✓
SCROPHULARIACEAE					
<i>Digitalis purpurea</i>	Foxglove	✓	✓	✓	✓
<i>Euphrasia nemorosa</i>	Eyebright				✓
<i>Pedicularis sylvatica</i>	Lousewort	✓			
<i>Scrophularia auriculata</i>	Water Figwort	✓			
<i>Scrophularia nodosa</i>	Common Figwort		✓	✓	✓
<i>Veronica beccabunga</i>	Brooklime				✓
<i>Veronica chamaedrys</i>	Germander Speedwell	✓	✓	✓	✓
<i>Veronica montana</i>	Wood Speedwell	✓	✓	✓	✓
<i>Veronica officinalis</i>	Heath Speedwell	✓	✓	✓	✓
<i>Veronica persica</i>	Common Field-speedwell	✓			
<i>Veronica scutellata</i>	Marsh Speedwell				✓
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	✓	✓	✓	✓
RUBIACEAE					
<i>Galium aparine</i>	Cleavers	✓	✓	✓	✓
<i>Galium palustre</i>	Common Marsh-bedstraw		✓	✓	✓
<i>Galium saxatile</i>	Heath Bedstraw	✓	✓	✓	✓
ADOXACEAE					
<i>Adoxa moschatellina</i>	Moschatel			✓	
CAPRIFOLIACEAE					
<i>Lonicera periclymenum</i>	Honeysuckle	✓	✓	✓	✓
<i>Sambucus nigra</i>	Elder		✓	✓	✓
<i>Viburnum opulus</i>	Guelder Rose	✓	✓	✓	✓
DIPSACACEAE					
<i>Dipsacus fullonum</i>	Wild Teasel	✓			
<i>Succisa pratensis</i>	Devil's-bit Scabious		✓	✓	✓
ASTERACEAE					
<i>Achillea ptarmica</i>	Sneezewort	✓	✓		
<i>Bellis perennis</i>	Daisy	✓	✓		
<i>Centaurea nigra</i>	Common Knapweed	✓	✓		
<i>Cirsium arvense</i>	Creeping Thistle	✓	✓		✓
<i>Cirsium palustre</i>	Marsh Thistle	✓	✓	✓	✓
<i>Cirsium vulgare</i>	Spear Thistle			✓	
<i>Gnaphalium sylvaticum</i>	Heath Cudweed		✓		
<i>Gnaphalium uliginosum</i>	Marsh Cudweed	✓		✓	✓
<i>Hypochaeris radicata</i>	Cat's-ear		✓		✓
<i>Lapsana communis</i>	Nipplewort		✓		✓
<i>Leontodon autumnalis</i>	Autumn Hawkbit				✓
<i>Leontodon saxatilis</i>	Lesser Hawkbit	✓			

Scientific name	English name	1991	1997	2008 -10	2011
<i>Pulicaria dysenterica</i>	Common Fleabane	✓	✓		
<i>Senecio jacobaea</i>	Common Ragwort	✓	✓	✓	✓
<i>Serratula tinctoria</i>	Saw-wort		✓		✓
<i>Sonchus arvensis</i>	Perennial Sow-thistle		✓		
<i>Taraxacum officinale</i>	Dandelion	✓	✓	✓	✓
ALISMATACEAE					
<i>Alisma plantago-aquatica</i>	Water-plantain				✓
<i>Baldellia ranunculoides</i>	Lesser Water-plantain		✓		
POTAMOGETONACEAE					
<i>Potamogeton natans</i>	Broad-leaved Pondweed	✓	✓	✓	
<i>Potamogeton polygonifolius</i>	Bog Pondweed				✓
ARACEAE					
<i>Arum maculatum</i>	Lords-and-ladies	✓	✓	✓	✓
LEMNACEAE					
<i>Lemna minor</i>	Common Duckweed	✓	✓	✓	✓
JUNCACEAE					
<i>Juncus bufonius</i>	Toad Rush			✓	
<i>Juncus effusus</i>	Soft Rush			✓	✓
<i>Juncus acutiflorus</i>	Sharp-flowered Rush				✓
<i>Juncus articulatus</i>	Jointed Rush			✓	
<i>Juncus bulbosus</i>	Bulbous Rush				✓
<i>Luzula campestris</i>	Field Wood-rush			✓	✓
<i>Luzula pilosa</i>	Hairy Wood-rush			✓	
CYPERACEAE					
<i>Carex pendula</i>	Pendulous Sedge				✓
<i>Carex remota</i>	Remote Sedge				✓
<i>Carex sylvatica</i>	Wood Sedge			✓	✓
POACEAE					
<i>Agrostis canina</i>	Velvet Bent			✓	✓
<i>Agrostis capillaris</i>	Common Bent			✓	✓
<i>Agrostis stolonifera</i>	Creeping Bent	✓			
<i>Aira praecox</i>	Early Hair-grass			✓	✓
<i>Alopecurus pratensis</i>	Meadow Foxtail	✓			✓
<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass	✓			✓
<i>Brachypodium sylvaticum</i>	False Brome			✓	✓
<i>Bromus sterilis</i>	Barren Brome			✓	
<i>Dactylis glomerata</i>	Cock's-foot	✓		✓	✓
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	✓		✓	✓
<i>Festuca ovina</i>	Sheep's Fescue	✓			
<i>Glyceria fluitans</i>	Floating Sweet Grass			✓	✓
<i>Holcus lanatus</i>	Yorkshire Fog	✓		✓	✓
<i>Holcus mollis</i>	Creeping Soft-grass				✓
<i>Melica uniflora</i>	Wood Melick				✓
<i>Molinia caerulea</i>	Purple Moor-grass	✓		✓	✓
<i>Poa annua</i>	Annual Meadow Grass	✓		✓	✓

Scientific name	English name	1991	1997	2008-10	2011
<i>Poa trivialis</i>	Rough Meadow Grass	✓		✓	✓
SPARGANIACEAE					
<i>Sparganium erectum</i>	Branched Bur-reed				✓
LILIACEAE					
<i>Hyacinthoides non-scripta</i>	Bluebell	✓	✓	✓	✓
<i>Narcissus pseudonarcissus</i>	Wild Daffodil		✓		
<i>Ruscus aculeatus</i>	Butcher's-broom	✓		✓	✓
IRIDACEAE					
<i>Crocsmia x crocosmiiflora</i>	Monbretia	✓			
DIOSCOREACEAE					
<i>Tamus communis</i>	Black Bryony	✓	✓	✓	✓
ORCHIDACEAE					
<i>Dactylorhiza fuchsii</i>	Common Spotted-orchid	✓	✓	✓	✓
<i>Epipactis purpurata</i>	Violet Helleborine				✓
<i>Neottia (Listera) ovata</i>	Common Twayblade		✓	✓	
<i>Orchis mascula</i>	Early-purple Orchid		✓	✓	✓

## Bryophytes 2004-2010

**Recorders:** 2004: Malcolm Macfarlane; 2008-11: Jacqui Hutson William Coleman

**Reference for Names:** Atherton, I., Bosanquet, S. & Lawley, M. (2010) *Mosses and Liverworts of Britain and Ireland: A Field Guide*. British Bryological Society.

Scientific name	English name	2004	2008-10
LIVERWORTS			
JUNGERMANNIALES			
<i>Calypogeia fissa</i>	Common Pouchwort	✓	
<i>Frullania tamarisci</i>	Tamarisk Scalewort	✓	
<i>Jungermannia gracillimum</i>	Crenulated Flapwort	✓	
<i>Lophocolea bidentata</i>	Bifid Crestwort	✓	✓
<i>Lophocolea heterophylla</i>	Variable-leaved Crestwort	✓	✓
<i>Microlejeunea (Lejeunea) ulicina</i>	Fairy Beads	✓	

Scientific name	English name	2004	2008-10
<i>Plagiochila porelloides</i>	Lesser Featherwort		✓
<i>Radula complanata</i>	Even Scalewort	✓	✓
METZGERIALES			
<i>Metzgeria furcata</i>	Forked Veilwort	✓	✓
<i>Metzgeria temperata</i>	Whiskered Veilwort	✓	
<i>Pellia epiphylla</i>	Overleaf Pellia	✓	✓
MOSSES			
SPHAGNALES			
<i>Sphagnum denticulatum</i>	Cow-horn Bog-moss		✓
<i>Sphagnum fimbriatum</i>	Fringed Bog-moss		✓
POLYTRICHALES			
<i>Atrichum undulatum</i>	Common Smoothcap	✓	✓
<i>Polytrichastrum (Polytrichum) formosum</i>	Bank Haircap		✓
DICRANALES			
<i>Campylopus introflexus</i>	Heath Star-moss		✓
<i>Dicranella heteromalla</i>	Silky Forklet-moss	✓	✓
<i>Dicranoweisia cirrata</i>	Common Pincushion	✓	✓
<i>Dicranum scoparium</i>	Broom Fork-moss	✓	✓
<i>Fissidens bryoides</i>	Lesser Pocket-moss	✓	✓
<i>Pleuridium acuminatum?</i>	Taper-leaved Earth-moss		✓
POTTIALES			
<i>Tortula muralis</i>	Wall Screw-moss	✓	
FUNARIALES			
<i>Funaria hygrometrica</i>	Bonfire-moss		✓

Scientific name	English name	2004	2008-10
<b>BRYALES</b>			
<i>Bryum capillare</i>	Capillary Thread-moss	✓	✓
<i>Mnium hornum</i>	Bordered Thyme-moss	✓	✓
<i>Plagiomnium rostratum</i>	Long-beaked Thyme-moss	✓	
<i>Plagiomnium undulatum</i>	Hart's-tongue Thyme-moss	✓	✓
<i>Rhizomnium punctatum</i>	Dotted Thyme-moss	✓	✓
<b>ORTHOTRICHALES</b>			
<i>Orthotrichum affine</i>	Wood Bristle-moss	✓	✓
<i>Ulota crispa</i>	Crisped Pincushion	✓	✓
<i>Zygodon rupestris (baumgartneri)</i>	Park Yoke-moss	✓	
<i>Zygodon viridissimus</i>	Green Yoke-moss	✓	
<b>HYPNALES</b>			
<i>Amblystegium serpens</i>	Creeping Feather-moss	✓	✓
<i>Brachythecium rutabulum</i>	Rough-stalked Feather-moss		✓
<i>Calliergonella cuspidata (Calliergon cuspidatum)</i>	Pointed Spear-moss	✓	
<i>Cirriphyllum piliferum</i>	Hair Pointed Feather-moss		✓
<i>Cryphaea heteromalla</i>	Lateral Cryphaea	✓	
<i>Eurynchium striatum</i>	Common Striated Feather-moss		✓
<i>Homalothecium sericeum</i>	Silky Wall Feather-moss	✓	✓
<i>Hypnum andoi</i>	Mamillate Plait-moss		✓
<i>Hypnum cupressiforme</i>	Cypress-leaved Plait-moss	✓	✓
<i>Hypnum jutlandicum</i>	Heath Plait-moss		✓
<i>Hypnum resupinatum</i>	Supine Plait-moss	✓	



Scientific name	English name	2004	2008-10
<i>Isoetecium myosuroides</i>	Mouse-tail moss	✓	✓
<i>Kindbergia praelonga</i> ( <i>Eurhynchium praelongum</i> )	Common Feather-moss	✓	✓
<i>Neckera complanata</i>	Flat Neckera	✓	
<i>Plagiothecium sp.</i>	A Silk-moss	✓	
<i>Pseudoscleropodium purum</i>	Neat Feather-moss		✓
<i>Rhynchostegium confertum</i>	Clustered Feather-moss		✓
<i>Rhytidiadelphus squarrosus</i>	Springy Turf-moss	✓	✓
<i>Thuidium tamariscinum</i>	Common Tamarisk-moss	✓	✓

## Fungi

### Fungi records

**Recorders:** 1991, 1997, 2004: Rosalie Sinclair-Smith; 2010 - 11: Rosalie Sinclair-Smith, Ian Woolsey and Jacqui Hutson

**Reference for (most) names:** Buczacki, S. (1989) *Fungi of Britain and Europe*. Collins.

Scientific name	English name	1991	1997	2004	2010	2011
BOLETACEAE						
<i>Boletus appendiculatus</i>					16 Oct	
<i>Boletus badius</i>	Bay Boletus		Nov	23 Oct	4 Oct	26 Sep
<i>Boletus chrysenteron</i>	Red-cracked Boletus	Oct	Jul	3 Sep	16 Oct	
<i>Boletus edulis</i>	Cep or Penny Bun		Jul			
<i>Boletus piperatus</i>	Peppery Boletus			23 Oct		26 Sep
<i>Boletus scaber</i>		Oct				
<i>Gyroporus (Boletus) castaneus</i>				3 Sep		

Scientific name	English name	1991	1997	2004	2010	2011
<i>Leccinum scabrum</i>	Brown Birch Bolete		Jul			26 Sep
<i>Leccinum versipelle (Boletus versipellis)</i>	Orange Birch Bolete			16 Oct		
GOMPHIDIAECEAE						
<i>Gomphidius glutinosus</i>	Slimy Spike Cap	Oct				
AMANITACEAE						
<i>Amanita citrina</i>		Oct	Oct	Oct		
<i>Amanita citrina alba</i>	False Death Cap				3 Oct	26 Sep
<i>Amanita excelsa</i>			Jul			
<i>Amanita fulva</i>	Tawny Grisette				3 Oct	
<i>Amanita muscaria</i>	Fly Agaric		Oct	29 Sep	16 Sep	26 Sep
<i>Amanita phalloides</i>	Death Cap				3 Oct	
<i>Amanita rubescens</i>	The Blusher		Jul		3 Oct	26 Sep
<i>Amanita vaginata</i>	Grisette			3 Sep		
<i>Amanita virosa</i>	Destroying Angel		Oct			
LEPIOTACEAE						
<i>Lepiota (Macrolepiota) procera</i>	Parasol Mushroom		Oct		16 Oct	
PHYSALACRIACEAE						
<i>Oudemansiella radicata</i>						26 Sep
TRICHOLOMATACEAE						
<i>Armillaria mellea</i>	Honey Fungus	Oct	Oct	29 Sep	3 Oct	
<i>Clitocybe asterospora</i>				29 Sep		
<i>Clitocybe clavipes</i>	Club Foot	Oct				
<i>Clitocybe flaccida</i>	Tawny Funnel Cap		Oct	16 Oct	16 Oct	26 Nov
<i>Clitocybe fragrans</i>			Oct			
<i>Clitocybe houghtonii</i>				3 Sep		
<i>Clitocybe infundibuliformis</i>	Common Funnel Cap	Oct	Jul	10 Jul	4 Oct	26 Sep
<i>Clitocybe nebularis</i>	Clouded Agaric	Oct	Oct	23 Oct	16 Oct	26 Nov

Scientific name	English name	1991	1997	2004	2010	2011
<i>Clitocybe odora</i>	Aniseed toadstool				16 Oct	
<i>Clitopilus prunulus</i>	The Miller		Nov		16 Oct	26 Sep
<i>Collybia butyracea</i>	Butter Cap		Jan	3 Jan	16 Oct	26 Sep
<i>Collybia dryophila</i>	Russet Shank		Jul	10 Jul		
<i>Collybia fusipes</i>	Spindle Shank		Jul		16 Oct	
<i>Collybia (Rhodocollybia) maculata</i>	Spotted Tough-shank		Oct			
<i>Flammulina velutipes</i>	Velvet Shank			29 Sep	3 Oct	
<i>Laccaria amethystea</i>	Amethyst Deceiver	Oct	Nov	16 Oct	16 Oct	26 Sep
<i>Laccaria laccata</i>	Deceiver		Jul	16 Oct	4 Oct	26 Sep
<i>Lepista nuda (Tricholoma nudum)</i>	Wood Blewit	Oct	Oct	11 Nov		26 Nov
<i>Marasmius calopus</i>			Jul			
<i>Mycena sp.</i>			Jan	16 Oct		
<i>Mycena pura</i>					16 Oct	
<i>Mycena vitilis</i>			Nov			
<i>Oudemansiella mucida</i>	Porcelain Fungus	Oct	Oct	3 Sep	16 Oct	
<i>Oudemansiella radicata</i>	Rooting Shank	Sep	Jan	23 Oct	4 Oct	
<i>Panellus stipticus</i>			Nov			
<i>Tricholoma cingulatum</i>					16 Oct	
<i>Tricholoma fulvum</i>	Birch Knight			23 Oct		26 Nov
<i>Tricholoma saponaceum</i>	Soap-scented Tricholoma		Nov		28 Oct	
RUSSULACEAE						
<i>Lactarius blennius</i>	Slimy Milk Cap	Oct		23 Oct		
<i>Lactarius chrysorrheus</i>			Jul			
<i>Lactarius quietus</i>	Oak Milk Cap				16 Sep	
<i>Lactarius spinosulus</i>						26 Sep
<i>Lactarius tabidus</i>					3 Oct	

Scientific name	English name	1991	1997	2004	2010	2011
<i>Lactarius turpis</i>	Ugly Milk Cap			29 Sep	3 Oct	26 Sep
<i>Russula atropurpurea</i>	Black-Purple Russula	Oct?			16 Sep	
<i>Russula cyanoxantha</i>	The Charcoal Burner	Sep	Nov		16 Sep	26 Sep
<i>Russula fragilis</i>	Fragile Russula		Jul			
<i>Russula mairei</i>						26 Sep
<i>Russula nigricans</i>	Blackening Russula			29 Sep	3 Oct	26 Sep
<i>Russula ochroleuca</i>	Common Yellow Russula	Oct	Nov	29 Sep	16 Oct	26 Sep
<i>Russula violeipes</i>	Velvet Brittlegill			3 Sep		
<i>Russula virescens</i>		Oct				
<i>Russula xerampelina</i>	Crab Brittlegill		Jul	3 Sep		
PLEUROTACEAE						
<i>Pleurotus cornucopiae</i>	Branching Oyster		Feb	3 Jan	3 Oct	
<i>Pleurotus dryinus</i>					3 Oct	
<i>Pleurotus pulmonarius</i>	Pale Oyster	Sep		29 Sep		26 Sep
PLUTEACEAE						
<i>Pluteus salicinus</i>	Willow Shield		Oct	16 Oct	16 Oct	
ENTOLOMATACEAE						
<i>Entoloma rhodopolium</i>			Jul			
CORTINARIACEAE						
Cortinarius sp.						26 Sep
<i>Crepidotus luteola</i>				3 Jan		
<i>Cortinarius betuletorum</i>				16 Oct		
<i>Hebeloma pusillum</i>				23 Oct		
<i>Inocybe patouillardii</i>	Red-staining Inocybe	Oct				
BOLBITIACEAE						
<i>Conocybe tenera</i>	Brown Bell Cap				28 Oct	
PAXILLACEAE						

Scientific name	English name	1991	1997	2004	2010	2011
<i>Paxillus atrotomentosus</i>					16 Oct	
<i>Paxillus involutus</i>	Brown Roll-rim		Jul	3 Jan	16 Oct	
AGARICACEAE						
<i>Agaricus silvaticus</i>					16 Oct	26 sep
<i>Agaricus silvicola</i>	Wood Mushroom	Oct	Jul	3 Sep		
<i>Agaricus</i> sp.				11 Nov		
STROPHARIACEAE						
<i>Hypholoma fasciculare</i>	Sulphur Tuft	Oct		3 Jan	16 Sep	26 Sep
<i>Gymnopilus penetrans</i>	Common rustgill					26 Sep
COPRINACEAE						
<i>Coprinus comatus</i>	Shaggy Ink Cap	Oct				
<i>Coprinus disseminatus</i>	Fairies' Bonnets		Jul			
<i>Coprinus impatiens</i>					3 Oct	
<i>Coprinus micaceus</i>	Glistening Ink Cap	Oct	Jul	3 Sep		
<i>Coprinus picaceus</i>	Magpie Fungus				3 Oct	
<i>Coprinus silvaticus</i>					16 Oct	
<i>Lacrymaria velutina</i>	Weeping Widow			29 Sep		
<i>Panaeolus subbalteatus</i>		Oct				
<i>Panaeolus sphinctrinus</i>			Jul			
<i>Psathyrella candolleana</i>			Jul			
<i>Psathyrella spadicea</i>			Oct			
CANTARELLACEAE						
<i>Cantharellus cibarius</i>	Chanterelle				16 Sep	
CLAVARIACEAE						
<i>Clavulinopsis helvola</i>						26 Sep
<i>Clavulina cinerea</i>	Grey Coral Fungus			29 Sep		
<i>Typhula erythropus</i>		Oct	Jan			

Scientific name	English name	1991	1997	2004	2010	2011
CORTICIACEAE						
<i>Hyphodontia (Hypoderma) sambuci</i>	Elder Whitewash			3 Jan		26 Sep
<i>Hypochnicium vellereum</i>			Jul	3 Jan		
<i>Merulius tremellosus</i> (pale form)			Nov			
<i>Peniophora quercina</i>				3 Jan		26 Sep
HYDNACEAE						
<i>Hydnum repandum</i>	Hedgehog Fungus		Oct		16 Oct	26 Sep
HYMENOCHAETACEAE						
<i>Inonotus cuticularis</i>			Oct			
<i>Phellinus (Polyporus) ferreus</i>	Cinnamon Porecrust		Jan	3 Jan	3 Oct	26 sep
<i>Phellinus punctatus</i>						26 Sep
FISTULINACEAE						
<i>Fistulina hepatica</i>	Beefsteak Fungus	Oct	Oct			
GANODERMATACEAE						
<i>Ganoderma adspersum</i>			Jan	3 Jan	16 Sep	
<i>Ganoderma applanatum</i>	Artist's Fungus			3 Jan		
MERULIACEAE						
<i>Cerocorticum molare</i>						26 Sep
POLYPORACEAE						
<i>Bjerkandera adusta</i>	Smoky Bracket		Jan	10 Jul		26 Sep
<i>Coriolus (Trametes) versicolor</i>	Many-zoned Polypore		Jan	3 Jan	16 Oct	26 Sep
<i>Daedalea quercina</i>	Maze-gill		Oct			
<i>Daedaleopsis confragosa</i>	Blushing Bracket	Sep	Feb	3 Jan	16 Oct	26 Sep
<i>Meripilus giganteus</i>	Giant Polypore		Oct			
<i>Piptoporus betulinus</i>	Birch Polypore		Jan	3 Jan	16 Sep	26 Sep
<i>Polyporus varius</i>				15 Apr		

Scientific name	English name	1991	1997	2004	2010	2011
<i>Pseudotrametes (Trametes) gibbosa</i>			Nov			
<i>Schizopora paradoxa</i>	Split Porecrust		Oct	3 Jan		26 Sep
<i>Tyromyces caesius</i>			Oct			
<i>Tyromyces lacteus</i>			Nov			
STEREACEAE						
<i>Stereum gausapatum</i>		Oct	Jan			
<i>Stereum hirsutum</i>		Oct	Jan		16 Oct	26 Sep
<i>Stereum rugosum</i>	Bleeding Broadleaf Crust			16 Oct		
THELEPHORACEAE						
<i>Thelephora terrestris</i>	Earth Fan		Jul			
DACRYMYCETACEAE						
<i>Calocera cornea</i>			Jul		28 Oct	
<i>Dacrymyces stillatus (deliquescens)</i>		Oct	Jul			
TREMELLACEAE						
<i>Tremella foliaceae</i>			Nov			
<i>Tremella mesenterica</i>	Yellow Brain Fungus		Jul			
AURICULARIACEAE						
<i>(Hirneola) Auricularia auricula-judae</i>	Jelly Ear (Jew's Ear)		Jan	3 Jan		
SCLERODERMATAACEAE						
<i>Scleroderma areolatum</i>			Oct			
<i>Scleroderma citrinum</i>	Common Earthball	Sep	Oct	16 Oct	28 Oct	26 Sep
GEASTRACEAE						
<i>Lycoperdon echinatum</i>	Spiny Puff Ball			29 Sep		
<i>Lycoperdon foetidum</i>				16 Oct		
<i>Lycoperdon perlatum</i>	Puff Ball	Oct	Oct	3 Sep	4 Oct	26 Sep

Scientific name	English name	1991	1997	2004	2010	2011
<i>Lycoperdon pyriforme</i>	Stump Puff Ball	Oct		29 Sep	3 Oct	
PHALLACEAE						
<i>Mutinus caninus</i>	Dog Stinkhorn			16 Oct		
<i>Phallus impudicus</i>	Stinkhorn	Sep	Jul	10 Jul	16 Oct	
HYPOCREACEAE						
<i>Nectria cinnabarina</i>	Coral-spot	Oct		3 Jan		
DIATRYPACEAE						
<i>Diatrype disciformis</i>	Beech Barkspot			3 Jan		
XYLARIACEAE						
<i>Daldinia concentrica</i>	King Alfred's Cakes	Sep	Jan	3 Jan	16 Oct	26 Sep
<i>Hypoxylon fragiforme</i>	Beech Woodward		Jan	3 Sep		
<i>Hypoxylon nummularium</i>				3 Jan		
<i>Kretzschmaria (Ustularia) deusta</i>	Brittle or Cinder fungus					26 Sep
<i>Xylaria hypoxylon</i>	Candle-snuff Fungus	Oct	Jan	3 Jan		
<i>Xylaria polymorpha</i>	Dead Man's Fingers	Oct		16 Oct		
HELOTIACEAE						
<i>Ascocoryne sarcoides</i>		Oct				
<i>Bulgaria inquinans</i>	Black Bulgar		Feb	3 Jan		
<i>Chlorosplenium (Chlorocibonia) aeruginascens</i>	Green Wood Cup		Feb	3 Jan		26 Sep
<i>Neobulgaria pura</i>	Beech Jellydisc	Oct	Jan	3 Jan		
PEZIZACEAE						
<i>Otidea onotica</i>	Hare's Ear			16 Oct		



## Lichens

### Lichens recorded on 3 October 2009 by Sussex Lichen Recording Group

Reference for most names: Dobson, F.S. (2000) *Lichens: An Illustrated Guide to the British and Irish Species*. 4<sup>th</sup> Edition. Richmond.

Scientific name	Substrate and comments
<i>Arthonia radiata</i>	Oak
<i>Cladonia chlorophaea</i>	Ash
<i>Cladonia coniocraea</i>	Dead wood, post etc
<i>Cliostomum griffithii</i>	Oak
<i>Enterographa crassa</i>	Corticolous, old hornbeam trunk
<i>Evernia prunastri</i>	Oak twig
<i>Flavoparmelia caperata</i>	Oak
<i>Fuscidea lightfootii</i>	Corticolous, on willow
<i>Graphis elegans</i>	Corticolous, very common in this wood, especially on hornbeam
<i>Graphis scripta</i>	Corticolous, on hornbeam
<i>Hypogymnia physodes</i>	Oak twig
<i>Hypogymnia tubulosa</i>	Corticolous, hawthorn
<i>Hypotrachyna revoluta</i>	Corticolous
<i>Lecanora albella</i>	Oak and willow
<i>Lecanora chlarotera</i>	Oak
<i>Lecanora expallens</i>	Worked wood, oak post, also hornbeam
<i>Lecanora polytropa</i>	Oak, on lignin of seat
<i>Lecanora symmicta</i>	Worked wood, oak seat
<i>Lecidella elaeochroma</i>	Oak
<i>Lepraria incana</i>	Oak

<i>Melanelia elegantula</i>	Ash
<i>Melanelia fuliginosa</i> subsp. <i>glabratula</i>	Oak
<i>Melanelia subaurifera</i>	Oak twig
<i>Parmelia saxatilis</i>	Oak
<i>Parmelia sulcata</i>	Oak twig
<i>Parmotrema perlatum</i>	Oak
<i>Pertusaria amara</i>	Oak
<i>Pertusaria hymenea</i>	Oak
<i>Pertusaria leioplaca</i>	Corticolous, hornbeam
<i>Pertusaria pertusa</i>	Corticolous, hornbeam
<i>Phlyctis argena</i>	Corticolous
<i>Physcia adscendens</i>	Worked wood, oak seat
<i>Physcia tenella</i>	Oak
<i>Porina aenea</i>	Corticolous, hornbeam
<i>Punctelia reddenda</i>	Oak. On New Index of Ecological Continuity List.
<i>Punctelia subrudecta</i>	Oak
<i>Pyrrhospora quercea</i>	Oak
<i>Ramalina farinacea</i>	Oak
<i>Schismatomma decolorans</i>	Oak
<i>Scoliciosporum chlorococcum</i>	Oak twig
<i>Xanthoria parietina</i>	Oak
<i>Xanthoria polycarpa</i>	Oak twig

## Birds

Our survey for 2011 showed some 46 species which 1 up on the 45 seen on the last survey in 2010. This year we carried out a similar number of surveys, 10 in total, starting in January and ending in December.

Species	Common Name	Distribution	2009	2010	2011
<i>Anser Anser</i>	Greylag Geese	Overflying			O(3)
<i>Anas platyrhynchos</i>	Mallard	Pair seen on Deep Pond	NS	P	P
<i>Ardea Cinerea</i>	Grey Heron	Not seen this year	P	NS	NS
<i>Falco peregrinus</i>	Peregrine Falcon	Not seen	NS	O(2)	NS
<i>Buteo buteo</i>	Buzzard	Occasionally seen overhead	O(2)	O(3)	O(2)
<i>Accipiter nisus</i>	Sparrow hawk	1 seen chasing blackbird	O(2)	NS	P
<i>Falco tinnunculus</i>	Kestrel	1 male seen several times hunting	P	P	P
<i>Phasianus colchicus</i>	Pheasant	Occasional birds seen in woods	P	P	P
<i>Larus Ridibundus</i>	Black Headed Gull	Group seen overflying	NS	NS	O(3)
<i>Larus Canus</i>	Common Gull	Group seen overflying	NS	NS	O(5)
<i>Larus argentatus</i>	Herring Gull	Group seen overflying	NS	O(6)	O(3)
<i>Columba Livia</i>	Feral Pigeon	Pair seen overflying	NS	NS	O(2)
<i>Columba palumbus</i>	Wood Pigeon	At least 6 breeding territories	5	6	6
<i>Streptopelia decacto</i>	Collared Dove	Not seen this year	NS	P	NS
<i>Cuculus canorus</i>	Cuckoo	Neither heard or seen	NS	P	NS
<i>Strix Aluco</i>	Tawny Owl	Not seen this year	P	P	NS
<i>Caprimulgus europaeus</i>	Nightjar	Not seen or heard	P	NS	NS
<i>Picus Viridis</i>	Green Woodpecker	Occasionally seen or heard	P	P	P
<i>Dendrocopos major</i>	Greater Spotted Woodpecker	1 confirmed breeding territory possibly 2	2	2	2
<i>Hirundo rustica</i>	Swallow	Not seen this year	NS	O(5)	NS
<i>Delichon urbica</i>	House Martin	Occasionally seen overhead	NS	O(6)	O(5)
<i>Motacilla cinerea</i>	Grey Wagtail	Not seen this year	P	P	NS
<i>Motacilla alba</i>	Pied Wagtail	One seen	NS	P	P

<i>Troglodytes troglodytes</i>	Wren	At least 10 breeding territories	10	9	10
<i>Prunella modularis</i>	Dunnoek	At least 1 breeding territories	2	2	1
<i>Erithacus rubecula</i>	Robin	At least 10 breeding territories	9	9	10
<i>Turdus merula</i>	Blackbird	At least 9 breeding territories	9	8	9
<i>Turdus pilaris</i>	Fieldfare	Migrant group seen	NS	O(18)	O(22)
<i>Turdus philomelos</i>	Song Thrush	At least 4 breeding territories	3	3	4
<i>Turdus iliacus</i>	Redwing	Migrant group seen feeding	NS	O(11)	O(24)
<i>Turdus viscivorus</i>	Mistle Thrush	Not seen	P	P	NS
<i>Sylvia communis</i>	Whitethroat	1 possible breeding territory	1	1	1
<i>Sylvia borin</i>	Garden Warbler	1 possible breeding territory	NS	NS	1
<i>Sylvia atricapilla</i>	Blackcap	At least 4 breeding territories	4	3	4
<i>Phylloscopus collybita</i>	Chiffchaff	At least 6 breeding territories	5	6	6
<i>Phylloscopus trochilus</i>	Willow Warbler	At least 1 breeding territories	2	2	1
<i>Regulus regulus</i>	Goldcrest	2 possible breeding pairs	1	2	2
<i>Muscicapa Striata</i>	Spotted Flycatcher	1 seen in August	NS	NS	P
<i>Aegithalos caudatus</i>	Long tailed Tit	At least 2 family parties seen	2	2	2
<i>Parus ater</i>	Coal Tit	Occasional sightings of 2 pairs	1	2	2
<i>Parus caeruleus</i>	Blue Tit	At least 14 breeding territories	11	12	14
<i>Parus major</i>	Great Tit	At least 9 breeding territories	8	8	9
<i>Sitta europaea</i>	Nuthatch	At least 3 breeding territories	3	3	3
<i>Certhia familiaris</i>	Treecreeper	At least 2 breeding territories	2	2	2
<i>Garrulus glandarius</i>	Jay	At least 1 breeding territories	1	2	1
<i>Pica pica</i>	Magpie	1 possible breeding territory	1	1	1
<i>Corvus monedula</i>	Jackdaw	At least 2 breeding territories	2	2	2
<i>Corvus frugilegus</i>	Rook	Not seen this year	O(25)	NS	NS
<i>Corvus corone</i>	Carrion Crow	At least 2 breeding territories	2	2	2
<i>Sturnus vulgaris</i>	Starling	Small flocks seen during year	O(9)	O(6)	O(16)

<i>Passer Domesticus</i>	House Sparrow	Small group near stables	NS	P	P
<i>Fringilla coelebs</i>	Chaffinch	At least 4 breeding territories	6	4	4
<i>Carduelis chloris</i>	Greenfinch	Not seen this year	NS	O(5)	NS
<i>Carduelis Carduelis</i>	Goldfinch	Seen feeding on grasses in mire	NS	NS	O(7)
<i>Carduelis Cannabina</i>	Linnet	Just 1 sighting	NS	NS	O(2)
<i>Carduelis cabaret</i>	Lesser Redpoll	Migrant group feeding on buds	NS	O(15)	O(20)
<i>Pyrrhula pyrrhula</i>	Bullfinch	2 pairs seen several times	1	2	2
<b>Totals =</b>			35	45	46
<b>Recorders</b>			RH/IW	RH/IW	RH/IW
<b>Number = breeding pairs; P = Present; O = Overflying (no.); NS = Not seen</b>					

Recorders were Rupert Hall and Ian Woolsey in 2008, 2009, 2010 and in 2011

Amongst the more notable breeding successes this year were the **Blue Tits** with an estimated fourteen breeding territories, **Wrens** and **Robins** with at least ten breeding territories, and **Blackbirds** and **Great Tits** had at least nine territories. **Chaffinches** seemed to be down to only four. In the case of the **Chiffchaff**, **Willow Warbler** and the **Blackcap** whilst the number of territories was low they were still consistent with previous years. Also several pairs of **Greater Spotted Woodpeckers**, **Nuthatches** and **Tree creepers** also appeared to have been successful.

As a result of the extended survey period , we were again able to pick up winter migrants and the sightings of **Fieldfares**, **Redwings** and **Lesser Redpolls** helped to increase the number of species seen. Amongst the more unusual sightings was a solitary spotted flycatcher and two pairs of Bullfinches that were seen on a number of occasions.

Note:-

Total species seen over last 5 surveys:-

2004	2008	2009	2010	2011
26	30	35	45	46

## *Amphibians and Reptiles*

Ad hoc observations during conservation work in previous years has confirmed the presence of both amphibians and reptiles. Although Common Frogs and Toads have been noted on an ad hoc basis, surveys of amphibians has focussed on the High Pond and the Shallow Pond. A pond torching exercise in April 2011 revealed the presence of more than 100 palmate newts. Also three female and two male Great Crested Newts were observed. Common Frogs and Palmate Newts were also recorded in the Shallow pond possibly helped by measures undertaken to extend the period before the pond dries out. Two adult frogs were noted in the Deep Pond.



Reptiles have been more intensively surveyed with over 40 mats and tins being laid down to provide refugia. These were surveyed on a weekly basis between March and October 2011 and an average of 24 individuals were found per survey with the maximum number in any one survey being 76.

Slow worms are the most frequently reptile on the Common followed by Grass Snakes.

Adders were recorded on most surveys although numbers are lower, being typically between one and three individuals per survey.

Lizards were recorded less frequently and were found solely in the vicinity of the Northern Bracken field although they have been seen on an adhoc basis in the Mire. Juveniles have been seen for all reptiles implying successful breeding on the Common.



## Lepidoptera (Insects Moths)

As part of an effort to improve our records on the common, Steven Teale, from the Sussex Moth Group, came out on July 30<sup>th</sup> and set up moth traps on the mire and the Birch Glade. The results were impressive with a total of 63 species observed. In addition four other species were observed during other activities on the common.

The table shows the Moth species recorded during the year.

<i>Abrostola tripartita</i>	Spectacle	Steven Teale	30/07/2011	Mire	
<i>Acleris ferrugana</i>	Rusty Oak Button	Steven Teale	30/07/2011	Birch Glade	
<i>Acronicta rumicis</i>	Knot Grass	Steven Teale	30/07/2011	Birch Glade	
<i>Agriphila straminella</i>	Straw Grass-veneer	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Agrotis puta</i>	Shuttle-shaped Dart	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Amphipyra pyramidea</i>	Copper Underwing	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Apamea monoglypha</i>	Dark Arches	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Apeira syringaria</i>	Lilac Beauty	Steven Teale	30/07/2011	Birch Glade	

<i>Apotomis turbidana</i>	White-shouldered Marble	Steven Teale	30/07/2011	Birch Glade	
<i>Argyresthia brockeella</i>	Gold-ribbon Argent	Steven Teale	30/07/2011	Birch Glade	
<i>Biston betularia</i>	Peppered Moth	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Blastobasis adustella</i>	Dingy Dowd	Steven Teale	30/07/2011	Birch Glade	
<i>Carcina quercana</i>	Long-horned Flat-body	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Colocasia coryli</i>	Nut-tree Tussock	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Cosmia trapezina</i>	Dun-bar	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Crocallis elinguarua</i>	Scalloped Oak	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Cyclophora punctaria</i>	Maiden's Blush	Steven Teale	30/07/2011	Birch Glade	
<i>Cydia pomonella</i>	Codling Moth	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Drepana falcataria</i>	Pebble Hook-tip	Steven Teale	30/07/2011	Birch Glade	
<i>Ecliptopera silaceata</i>	Small Phoenix	Steven Teale	30/07/2011	Birch Glade	
<i>Ectropis bistortata</i>	Engrailed	Steven Teale	30/07/2011	Birch Glade	
<i>Eilema depressa</i>	Buff Footman	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Eilema griseola</i>	Dingy Footman	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Eilema lurideola</i>	Common Footman	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Endotricha flammealis</i>	Rosy Tabby	Steven Teale	30/07/2011	Birch Glade	
<i>Ennomos alniaria</i>	Canary-shouldered Thorn	Steven Teale	30/07/2011	Birch Glade	
<i>Epiblema trimaculana</i>	Triple-blotched Bell	Steven Teale	30/07/2011	Birch Glade	
<i>Epinotia brunnichana</i>	Large Birch Bell	Steven Teale	30/07/2011	Birch Glade	
<i>Epirrhoe alternata</i>	Common Carpet	Steven Teale	30/07/2011	Birch Glade	
<i>Eudonia angustea</i>	Narrow-winged Grey	Steven Teale	30/07/2011	Birch Glade	
<i>Euproctis similis</i>	Yellow-tail	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Evergestis pallidata</i>	Chequered Pearl	Steven Teale	30/07/2011	Birch Glade	
<i>Falcaria lacertinaria</i>	Scalloped Hook-tip	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Habrosyne pyritoides</i>	Buff Arches	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Hoplodrina alsines</i>	Uncertain	Steven Teale	30/07/2011	Birch Glade	



<i>Hoplodrina blanda</i>	Rustic	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Hydriomena furcata</i>	July Highflyer	Steven Teale	30/07/2011	Birch Glade	
<i>Idaea emarginata</i>	Small Scallop	Steven Teale	30/07/2011	Mire	
<i>Ipimorpha subtusa</i>	Olive	Steven Teale	30/07/2011	Birch Glade	
<i>Laothoe populi</i>	Poplar Hawk-moth	Steven Teale	30/07/2011	Birch Glade	
<i>Ligdia adustata</i>	Scorched Carpet	Steven Teale	30/07/2011	Birch Glade	
<i>Lomaspilis marginata</i>	Clouded Border	Steven Teale	30/07/2011	Birch Glade	
<i>Lomographa temerata</i>	Clouded Silver	Steven Teale	30/07/2011	Birch Glade	
<i>Lymantria monacha</i>	Black Arches	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Mesapamea secalis agg.</i>	Common Rustic agg.	Steven Teale	30/07/2011	Mire	
<i>Mitochrista miniata</i>	Rosy Footman	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Noctua comes</i>	Lesser Yellow Underwing	Steven Teale	30/07/2011	Mire	
<i>Noctua fimbriata</i>	Broad-bordered Yellow Underwing	Steven Teale	30/07/2011	Birch Glade	
<i>Noctua janthe</i>	Lesser Broad-bordered Yellow Underwing	Steven Teale	30/07/2011	Mire	
<i>Noctua pronuba</i>	Large Yellow Underwing	Steven Teale	30/07/2011	Birch Glade	
<i>Notodonta dromedarius</i>	Iron Prominent	Steven Teale	30/07/2011	Mire	
<i>Notodonta ziczac</i>	Pebble Prominent	Steven Teale	30/07/2011	Mire	
<i>Opisthograptis luteolata</i>	Brimstone Moth	Steven Teale	30/07/2011	Birch Glade	
<i>Peribatodes rhomboidaria</i>	Willow Beauty	Steven Teale	30/07/2011	Mire	
<i>Phalera bucephala</i>	Buff-tip	Steven Teale	30/07/2011	Birch Glade	
<i>Pheosia gnoma</i>	Lesser Swallow Prominent	Steven Teale	30/07/2011	Birch Glade	
<i>Pheosia tremula</i>	Swallow Prominent	Steven Teale	30/07/2011	Mire	
<i>Phragmatobia fuliginosa</i>	Ruby Tiger	Steven Teale	30/07/2011	Mire	
<i>Pterostoma palpina</i>	Pale Prominent	Steven Teale	30/07/2011	Mire	

<i>Scoparia pyralella</i>	Meadow Grey	Steven Teale	30/07/2011	Birch Glade	
<i>Scopula marginepunctata</i>	Mullein Wave	Steven Teale	30/07/2011	Birch Glade	
<i>Spilosoma luteum</i>	Buff Ermine	Steven Teale	30/07/2011	Birch Glade	
<i>Trachycera suavella</i>	Thicket Knot-horn	Steven Teale	30/07/2011	Birch Glade	
<i>Watsonalla binaria</i>	Oak Hook-tip	Steven Teale	30/07/2011	Mire	Birch Glade
<i>Adela viridella</i>	Longhorn Moth	Tony Hutson	25/04/2011		
<i>Tyria jacobaeae</i>	Cinnabar Moth	Rupert Hall	19/06/2011	Mire	
<i>Cataclysta lemnata</i>	China Mark Moth	Jon Wood	05/07/2011		
<i>Elophila nymphaeata</i>	Brown China-mark	Thyone Outram	14/06/2011	High Pond	

## Butterflies

For 2011 in an effort to improve our recording of butterflies, Ian Woolsey volunteered to set up a Butterfly Transect. It turns out that Butterfly transects have closely defined parameters and methodology. The transect covered a lot of ground and included several habitats but unfortunately for much of the summer the weather did not cooperate. As a result adhoc sightings formed a significant proportion of our records. Despite this the intention is to repeat the transect in 2012.

		2010	2011
<i>Gonepteryx rhamni</i>	Brimstone	Y	Y
<i>Polygonia c-album</i>	Comma	Y	Y
<i>Polommatus icarus</i>	Common blue	Y	Y
<i>Pyronia tithonus</i>	Gatekeeper	Y	Y
<i>Callophrys rubi</i>	Green Hairstreak		Y
<i>Pieris napi</i>	Green Veined White		Y
<i>Celastrina argiolus</i>	Holly Blue	Y	Y
<i>Ochodes venatus</i>	Large Skipper		Y
<i>Pieris brassicae</i>	Large white	Y	Y
<i>Melanargia galathea</i>	Marbled White		Y
<i>Maniola jurtina</i>	Meadow Brown	Y	Y

<i>Anthocharis cardamines</i>	Orange Tip	Y	Y
<i>Inachis io</i>	Peacock	Y	Y
<i>Vanessa cardui</i>	Painted Lady	Y	
<i>Vanessa atalanta</i>	Red Admiral	Y	Y
<i>Quercusia quercus</i>	Purple Hairstreak	Y	
<i>Vanessa_atalanta</i>	Ringlet		Y
<i>Argynnis paphia</i>	Silver Washed Fritillary	Y	Y
<i>Lycaena phleas</i>	Small Copper	Y	Y
<i>Coenonympha pamphilus</i>	Small Heath	Y	
<i>Thymelicus sylvestris</i>	Small skipper		Y
<i>Aglais urticae</i>	Small Tortoiseshell	Y	Y
<i>Pieris rapae</i>	Small White	Y	Y
<i>Pararge aegeria</i>	Speckled Wood	Y	Y
<i>Limenitis camilla</i>	White Admiral	Y	Y
Total Species Observed		19	22

### *Odonata*

Dragonflies and Damselflies have not been extensively surveyed in prior years but in 2011 we made a conscious effort to record our ad hoc sightings and with the ID skills of Jon Wood we have a vastly improved record of Odonata on the site with sightings noted from 2nd May to the 2<sup>nd</sup> October.

Its distinctive appearance makes the Broad Bodied Chaser difficult to miss and this species has been observed frequently throughout the Common. Eleven of the twelve species noted in 2012 were observed along the glades that had been created over the last three years and the former bracken fields although the Azure and Large Red Damselflies were mostly seen around the ponds. The table below shows the Species observed on the Common and the frequency with which they were recorded.

<i>Libellula depressa</i>	Broad-bodied chaser	42
<i>Pyrrhosoma nymphula</i>	Large Red Damselfly	17
<i>Coenagrion puella</i>	Azure Damselfly	13
<i>Sympetrum striolatum</i>	Common Darter	11
<i>Calopteryx virgo</i>	Beautiful Demoiselle	10

<i>Aeshna mixta</i>	Migrant Hawker	10
<i>Enallagma cyathigerum</i>	Common Blue Damselfly	6
<i>Anax imperator</i>	Emperor Dragonfly	5
<i>Orthetrum cancellatum</i>	Black-tailed Skimmer	5
<i>Aeshna cyanaea</i>	Southern Hawker	4
<i>Aeshna grandis</i>	Brown Hawker	1
<i>Ischnura elegans</i>	Blue-tailed Damselfly	1

### *Forthcoming events in 2012 and Diary Dates*

**Regular Working Days MONDAY 09.30 – 12.30**  
**Meet at the Flint Wall gate – Markstakes Lane**

#### **OTHER EVENTS**

***Sunday 13<sup>th</sup> May 2012***

**A Commons Walk with Ranger Dan Ross**  
**Meet at the Village Stores**  
**South Street South Chailey**  
**10.00.a.m.**

***Wednesday 18<sup>th</sup> July 2012***

**Markstakes Common Wildflower Identification**  
**Walk**

**Come and let a knowledgeable botanist show**  
**you round the wildflowers at this unique**  
**Common Land site. Everyone welcome.**  
**Leader Jacqui Hutson**

**Booking advisable 01273 484344 Meet at**  
**Setfords Field, Green Lane, South Chailey.**

**Map ref:TQ392182**  
**10.30am 2 hours**

***Friday August 17<sup>th</sup> 2012***

**Moth Trapping Night with Steve Teale from the**  
**Sussex Moth Group and the Ranger Thyone**  
**Outram**

**Meet at the North Gate in the flint wall**  
**Markstakes Lane South Chailey 9.00.p.m.**  
**Bring torches**