

# SINC Recording Form

## SITE SUMMARY

SITE NAME: Piercefield Park (Part of LDP candidate site CS/0029)

GRID REF: ST523944 SURVEYOR(S): Jan Winder

SIZE (approx.): 53.89 ha  
 DATE OF SURVEY: 2009

LOCAL AUTHORITY AREA: Monmouthshire SOIL TYPE:

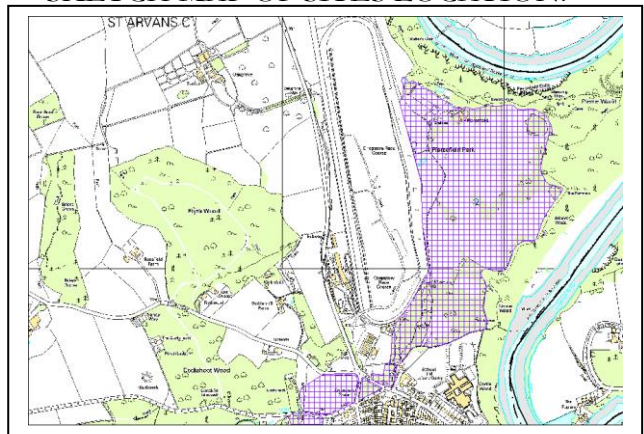
WARD: Chepstow GEOLOGY:

SLOPE:  HEIGHT IN M: 90

**MAIN HABITAT TYPES PRESENT:**

Habitat types	NVC type	Area (ha)
Woodland		14
Species rich neutral grassland		0.6
Species poor neutral grassland		
Veteran trees		
Pond		
Scrub		1.5

**SKETCH MAP OF SITES LOCATION:**



**LBAP PRIORITY HABITATS/SPECIES PRESENT?**

Woodland  
 Lowland species rich grassland

**FULL DESCRIPTION OF SITE (including topography, adjacent land use, boundaries etc.):**

A mosaic of grassland (both species rich and species poor neutral grassland), and trees with more substantial areas of woodland and scrub form this parkland at the Chepstow racecourse in the setting of the Piercefield House.

Area 1 is broadleaved woodland adjacent to the ancient woodland SSSI and SAC. *Fraxinus excelsior* dominated but mixed with *Fagus sylvatica* and *Quercus robur*.

Area 2 is described by the surveyor as a colonising community of neutral grassland with *Centaureum erythraea*, *Dipsacus fullonum* and *Carex* sp.

Area 3 is poor semi-improved grassland with trees including some veteran, creating the parkland setting. Some denser areas of trees form broadleaved woodland within which is a pond. The area including the woodland was grazed at the time of survey. The grassland has anthills.

Area 4 is a block of scrubby woodland dominated by *Crataegus monogyna*.

Area 5 is a pond considered to be of high value with *Sparganium erectum*, *Potamogeton natans*, *Glyceria* sp., and *Potamogeton crispus*.

The site is one of several SINC's in the locality. Several have been identified through the LDP process but the nearest, a Local Wildlife Site named Chepstow Racecourse was identified through the Gwent Grasslands Initiative in 2007. The Piercefield Park SINC is immediately adjacent to the Pierce, Alcove and Piercefield Woods SSSI which forms part of the Wye Valley Woodlands SAC adjacent to the River Wye SAC. Together these sites form an important network of national and international sites

**Official Use Only:** Site selected as a Wildlife Site/SINC? YES  NO  Date: 14/04/2010

# DETAILED SITE INFORMATION

SITE OWNERSHIP: Including names of any tenants/graziers

Name(s)		
Address		
Tel.no.		Mobile: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 20px;"></span>

Please log all landowner/tenant contact starting from the initial permission for access to survey

Date	Contact	Discussion subjects/decisions made

Is/are the owner(s)

i) aware of the site's nature conservation value?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>		
ii) managing the land sympathetically?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>		
iii) willing to manage the land sympathetically?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	Unknown	<input type="checkbox"/>

Describe the access to the site:

From race course on the south-west side of track off A466

Are there any public rights of way on the site?

**No**

If so please describe their location:

What is the current management at the site?

Grazed

Are there any threats to the site?

Disturbance  
Fertiliser additions

Are there any invasive species present?

Small amount of bracken

Are there any protected species present?

Unknown

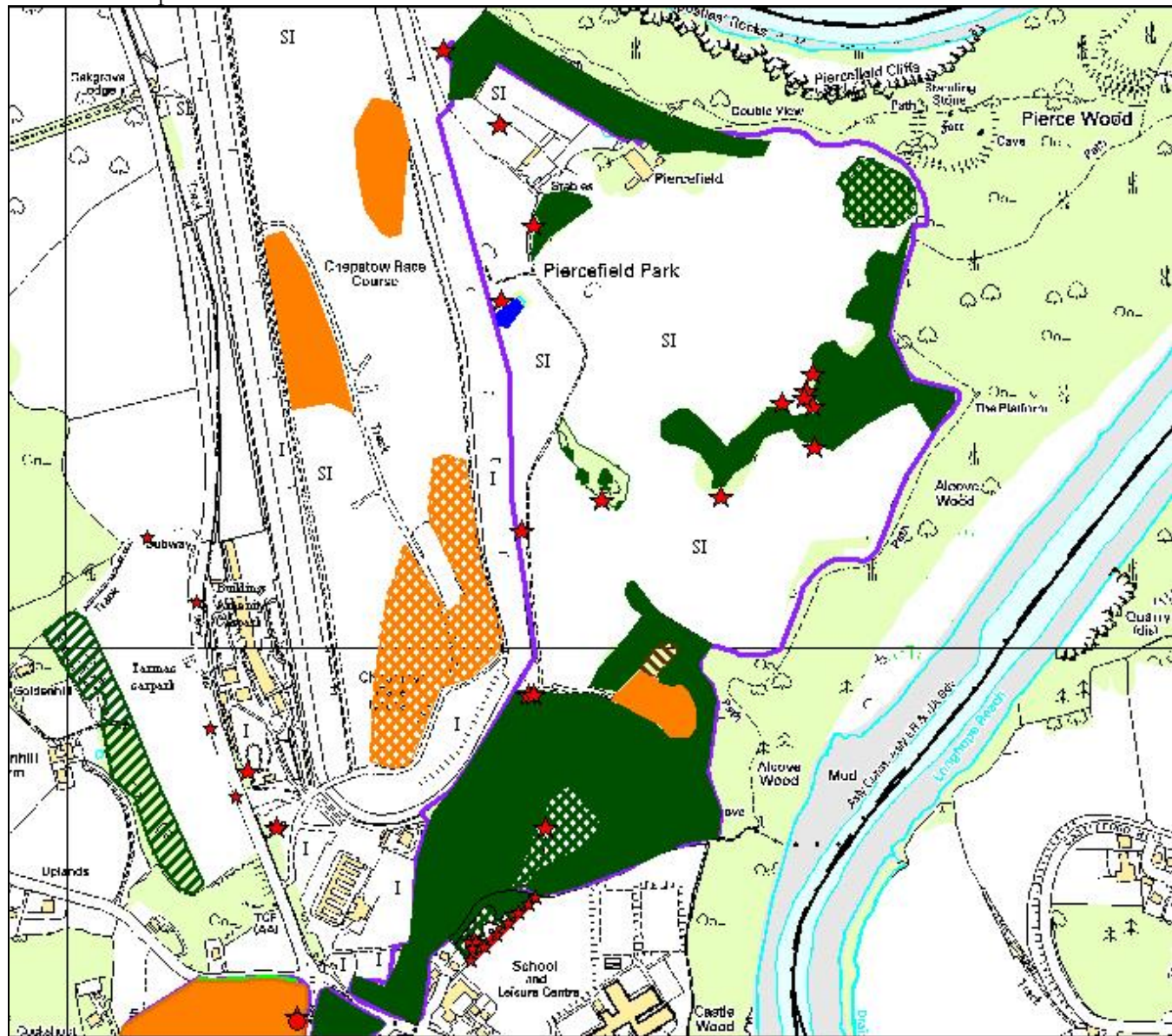
Please state the section(s) of the Wildlife Site Guidelines that this site qualifies under:

- H1 Woodland
- H2 Parklands, (orchards) and veteran trees
- H4 neutral grasslands
- H16 Standing open water
- H20 Mosaic Habitats

Is the site part of any grant schemes? Yes  No  Grant Scheme:.....End date:.....

Does the site already have any designations? Yes  No  Designation:.....

Phase one map of site:



Please list all additional survey information both past and present that relates to this site:

LDP ecological assessment 2009 ref: CS/0029

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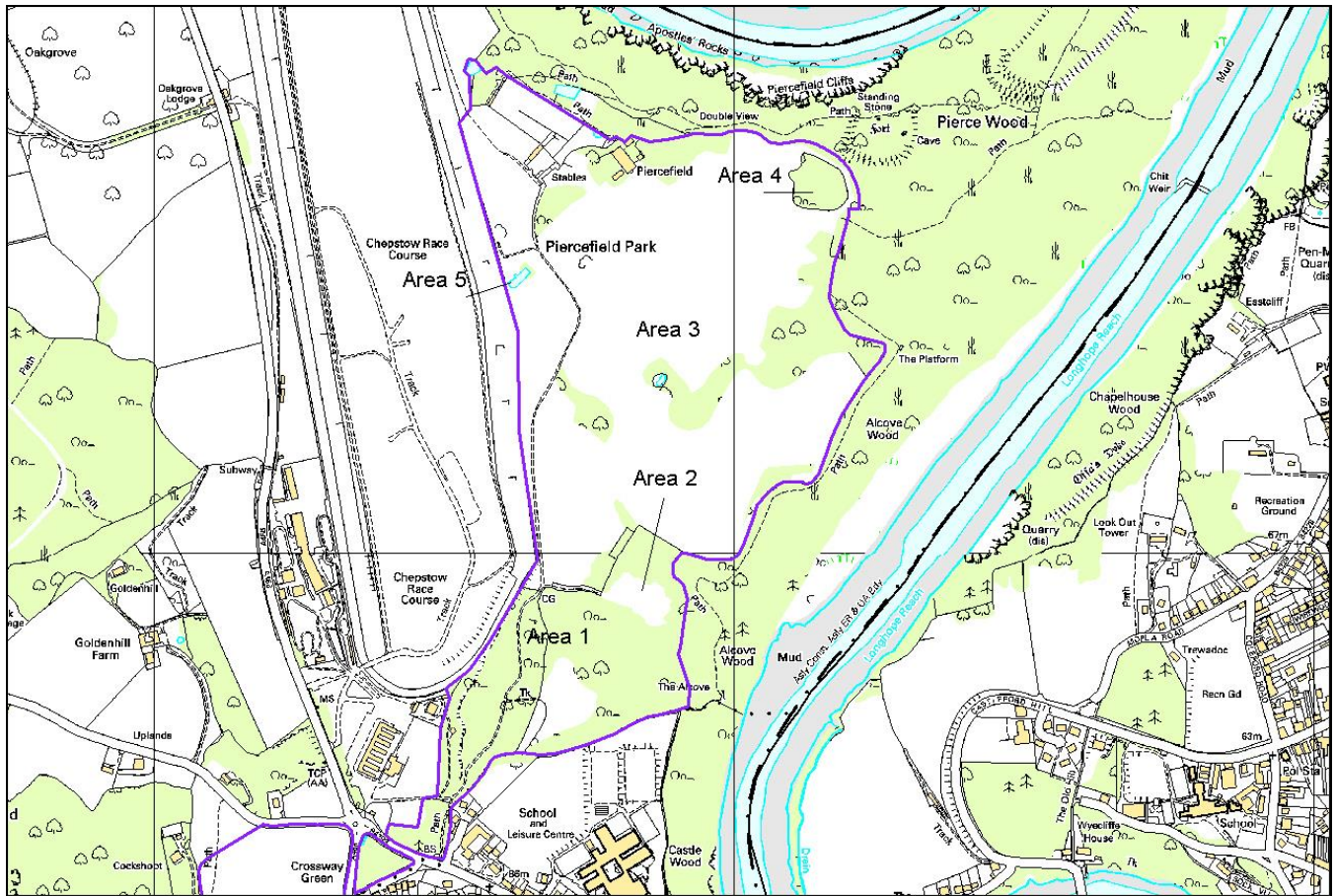
**OFFICE USE ONLY**

Site no.:

**Please note: The data on this form may be held in accordance with the Monmouthshire County Council's registration under the Data Protection Act 1996**

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Map indicating Areas (1-5) in site description and covered by species lists:



SITE NAME: Area 1

DATE:

D

D

D

Acer campestre (field maple)	✓	Campanula trachelium(ntl-lvd bellflower)		Primula vulgaris (primrose)	✓
Acer pseudoalanus (sycamore)	✓	Cardamine pratensis (cuckoo flower)		Prunella vulgaris (self-heal)	
Aesculus hippocastanum (horse chestnut)	✓	Carex laevigata (smooth-stalked sedge)		Ranunculus auricomus (gldlks buttercup)	
Alnus glutinosa (alder)		Carex pallescens (pale sedge)		Ranunculus ficaria (lesser celendine)	
Betula pendula (silver birch)		Carex pendula (pendulous sedge)	✓	Rumex acetosa (common sorrel)	
Castanea sativa (sweet chestnut)		Carex remota (distant sedge)		Sanicula europaea (sanicle)	
Corylus avellana (hazel)	✓	Carex strigosa (thin-spiked wood-sedge)		Scirpus sylvaticus (wood club-rush)	
Craetagus monogyna (hawthorn)	✓	Carex sylvatica (wood sedge)	✓	Scrophularia nodosa (figwort)	
Fagus sylvatica (beech)	✓	Chrysosplenium alternifolium(a-lvd gs)		Silene dioica (red campion)	
Fraxinus excelsior (ash)	✓	Chrysosplenium oppositifolium(ot-lvd gs)		Stachys sylvatica (hedge woundwort)	
Larix decidua (larch)		Conopodium majus (pignut)		Stellaria holostea (greater stichwort)	
Malus sylvestris (crab apple)		Convallaria majalis (lily-of-the-valley)		Stellaria neglecta (greater chickweed)	
Pinus sylvestris (Scots Pine)		Corydalis claviculata (climbing corydalis)		Stellaria nemorum (wood stichwort)	
Populus tremula (aspen)		Danthonia decumbens (heath grass)		Taraxacum officinale (dandelion)	
Prunus avium (wild cherry)		Daphne laureola (spurge laurel)		Valeriana dioica (marsh valerian)	
Prunus padus (bird cherry)		Daphne mezereum (mezeron)		Valeriana officinalis (common valerian)	
Prunus spinosa (blackthorn)		Deschampsia caespitosa (tftd hair grass)		Veronica beccabunga (brooklime)	
Quercus petraea (sessile oak)		Deschampsia flexuosa (wavy hair grass)		Veronica chamaedrys (gemdr. speedwell)	
Quercus robur (pendunculate oak)	✓	Dryopteris aemula(hay-scented bcklr fern)		Veronica hederacea (ivy leaved speedwell)	
Rhamnus catharticus (buckthorn)		Dryopteris affinis (scaly male fern)		Veronica montana (wood speedwell)	
Sorbus aria (whitebeam)		Elymus caninus (bearded couch-grass)		Vicia sylvatica (wood vetch)	
Sorbus aucuparia (rowan)		Epipactis helleborine(b-leaved helleborine)		Viola reichenbachiana (pale dog violet)	
Sorbus torminalis (wild service)		Equisetum sylvaticum (wood horsetail)		Viola riviniana (common dog violet)	
Taxus baccata (yew)		Euonymus europaeus (spindle)			
Tilia cordata (small-leaved lime)		Euphorbia amygdaloides (wood spurge)		Dryopteris felix mas	✓
Ulmus glabra (wych elm)	✓	Festuca gigantea (giant fescue)		Circaea lutetiana	✓
		Filipendula ulmaria (meadowsweet)		Brachypodium sylvaticum	✓
Sambucus nigra	✓	Fragaria vesca (wild strawberry)		Geum urbanum	✓
		Frangula alnus (alder buckthorn)			
		Galium aparine (cleaver)			
		Galium odoratum (sweet woodruff)			
		Geranium robertianum (herb robert)	✓		
		Geum rivale (water avens)			
		Glechoma hederacea (ground ivy)			
		Gymnocarpium dryopteris (oak fern)			
		Heracleum sphondylium (hogweed)			
		Holcus lanatus (yorkshire fog)			
Euonymus europaeus (spindle)	✓	Holcus mollis (creeping soft grass)			
Ilex aquifolium (holly)	✓	Hyacinthoides non-scripta (bluebell)	✓		
Lonicera periclymenum (honeysuckle)		Hypericum androsaemum (tutsan)			
Pteridium aquilinum (bracken)		Hedera helix (ivy)	✓		
Ribes rubrum (redcurrant)		Iris foetidissima (stinking iris)			
Rosa arvensis (field rose)		Lamium galeobdolon (yllw archangel)			
Rosa canina (dog rose)		Lathraea squamaria (toothwort)			
Rubus fruticosus (bramble)	✓	Listera ovata (tway-blade orchid)			
Thelycrania sanguinea (dogwood)		Luzula forsteri (southern woodrush)			
Vaccinium myrtillus (bilberry)		Luzula pilosa (hairy woodrush)			
Viburnum opulus (guelder rose)		Luzula sylvatica (great woodrush)			
Visum album (mistletoe)		Lysimachia nemorum (yellow pimpernel)	✓		
		Melampyrum pratense (cmn cow-wheat)			
		Melica uniflora (wood mellick)			
		Melittis melissophyllum (bastard balm)			
		Mercurialis perennis (dog's mercury)	✓		
		Milium effusum (wood millet)			
		Mochringia trinervium (3-nerved sandwort)			
		Narcissus pseudonarcissus (wild daffodill)			

		Neottia nidus-avis (bird's nest orchid)			
		Nettle ( <i>Urtica dioica</i> )			
<i>Adoxa moschatellina</i> (moshatel)		<i>Oenanthe crocata</i> (hmlck water-dropwort)			
<i>Aegopodium podararia</i> (ground elder)		<i>Orchis mascula</i> (early purple-orchid)			
<i>Aira praecox</i> (early hair-grass)		<i>Oxalis acetosella</i> (wood sorrel)		Fauna seen or evidence of recorded :	
<i>Alliaria petiolata</i> (garlic mustard)		<i>Paris quadrifolia</i> (herb-Paris)			
<i>Allium ursinum</i> (ramsons)		<i>Plantago lanceolata</i> (ribwort plantain)			
<i>Anemone nemorosa</i> (wood anemone)		<i>Platanthera chlorantha</i> (g butterfly orchid)			
<i>Angelica sylvestris</i> (wild angelica)		<i>Poa nemoralis</i> (wood meadow grass)			
<i>Anthoxanthum odoratum</i> (sweet vnl grass)		<i>Polygonatum multiflorum</i> (solomon's seal)			
<i>Anthriscus sylvestris</i> (cow parsley)		<i>Polystichum aculeatum</i> (hard shield fern)			
<i>Aquilegia vulgaris</i> (columbine)		<i>Polystichum setiferum</i> (soft shield fern)			
<i>Arum maculatum</i> (lords and ladies)	✓	<i>Potentilla anserina</i> (silverweed)			
<i>Asplenium scolopendrium</i> (hartstnge fern)	✓	<i>Potentilla erecta</i> (tormentil)			
<i>Blechnum spicant</i> (hard fern)		<i>Potentilla reptans</i> (creeping cinquefoil)			
<i>Bromus ramosus</i> (hairy brome)		<i>Potentilla sterilis</i> (barren strawberry)			

SITE NAME: Area 2

DATE:

	D		D		D	
Agrostis tenuis (common bent)	✓	O	Conopodium majus (pignut)		Primula veris (cowslip)	
Agrostis stolonifera (creeping bent)			Crepis capillaris (smooth hawks-beard)		Prunella vulgaris (self-heal)	
Aira praecox (early hair-grass)			Crepis biennis (rough hawks-beard)		Pteridium aquilinum (bracken)	
Alopecurus geniculatus (marsh foxtail)			Dactylorhiza fuchsii (c. spotted orchid)		Pulicaria dysenterica (fleabane)	
Alopecurus pratensis (meadow foxtail)			Dactylorhiza praetermissa (s.msh orchid)		Ranunculus acris (meadow buttercup)	
Anthoxanthum odoratum (sweet vnl grass)			Daucus carota (wild carrot)		Ranunculus auricomus (gldlcks buttercup)	
Arrhenatherum elatius (false oat grass)			Equisetum arvense (field horsetail)		Ranunculus bulbosus (bulbous buttercup)	
Brachypodium pinnatum (tor grass)			Erica cinerea (bell-heather)		Ranunculus flammula (lesser spearwort)	
Briza media (quaking grass)			Erica tetralix (cross-leaved heath)		Ranunculus repens (creeping buttercup)	
Bromopsis erecta (upright brome)			Eupatorium cannabinum (hemp-agrimony)		Rhinanthus minor (yellow rattle)	
Bromus commutatus (meadow brome)			Euphorbia amygdaloides (wood spurge)		Rubus fruticosus (bramble)	
Bromus racemosus (smooth brome)			Euphrasia officinalis agg. (eyebright)		Rumex acetosa (common sorrel)	
Cynosurus cristatus (crested dog's tail)			Filipendula ulmaria (meadowsweet)		Rumex acetosella (sheeps sorrel)	
Dactylis glomerata (cocks foot)			Fragaria vesca (wild strawberry)		Sanguisorba minor (salad burnet)	
Danthonia decumbens (heath grass)			Galium odoratum (sweet woodruff)		Scabiosa columbaria (small scabious)	
Deschampsia caespitosa (ftd hair grass)			Galium palustre (marsh-bedstraw)		Scrophularia nodosa (figwort)	
Deschampsia flexuosa (wavy hair-grass)			Galium saxatile (heath bedstraw)		Senecio aquaticus (marsh ragwort)	
Eriophorum angustifolium (cmn ctngrass)			Galium verum (lady's bedstraw)		Senecio jacobea (ragwort)	
Festuca ovina (sheep's fescue)			Genista tinctoria (dyers greenweed)		Silaum silaus (pepper-saxifrage)	
Festuca rubra (red fescue)	✓	F	Geranium pratense (meadow cranes bill)		Stachys officinalis (betony)	
Glyceria fluitans (floating sweet-grass)			Geranium robertianum (herb robert)		Stachys palustris (marsh woundwort)	
Helictotrichon pratense (mdw oat-grass)			Glechoma hederacea (ground ivy)		Stachys sylvatica (hedge woundwort)	
Holcus lunatus (yorkshire fog)	✓	O	Helianthemum nummularium (rock-rose)		Stellaria graminea (lesser stichwort)	
Holcus mollis (creeping soft grass)			Heracleum sphondylium (hogweed)		Stellaria holostea (greater stichwort)	
Lolium perenne (perennial rye grass)			Hyacinthoides non-scripta (bluebell)		Succisa pratensis (devils bit-scabious)	
Milium effusum (wood millet)			Hypericum maculatum (imp StJohns-Wort)	✓	O	Taraxacum officinale (dandelion)
Melica uniflora (wood mellick)			Hypericum perforatum (pf St Johns-Wort)		Thymus polytrichus (wild thyme)	
Molinia caerulea (purple moor-grass)			Hypericum tetrapetrum (sq.sd StJns-Wort)		Trifolium medium (zig zag clover)	
Nardus stricta (mat grass)			Hypochoeris glabra (smooth cats ear)		Trifolium pratense (red clover)	
Phalaris arundinacea (reed canary grass)			Hypochoeris radicata (common cats ear)	✓	O	Trifolium repens (white clover)
Phleum pratense (timothy grass)			Jasione montana (sheep's bit)		Tragopogon pratensis (goat's-beard)	
Poa annua (annual meadow grass)			Juncus acutiflorus (sharp-flowered rush)		Vaccinium myrtillus (bilberry)	
Poa trivialis (rough meadow grass)			Juncus articulatus (jointed rush)		Valeriana dioica (marsh valerian)	
Trisetum flavescens (yellow oat grass)			Juncus conglomeratus (compact rush)		Valeriana officinalis (common valerian)	
Achillea millefolium (yarrow)			Juncus effusus (soft rush)		Veronica beccabunga (brooklime)	
Achillea ptarmica (sneezewort)			Juncus inflexus (hard rush)		Veronica chamaedrys (gemdr. speedwell)	
Agrimonia eupatoria (agrimony)			Juncus squarrosus (heath rush)		Vicia cracca (tufted vetch)	
Ajuga reptans (bugle)			Juncus subnodulosus (blunt-flowered rush)		Vicia sativa (common vetch)	
Alchemilla filicaulis (Lady's mantle)			Knautia arvensis (field scabious)		Vicia sepium (bush vetch)	
Alliaria petiolata (garlic mustard)			Lamium galeobdolon (yellow archangel)		Viola canina (heath dog-violet)	
Allium ursinum (ramsons)			Lathyrus nissolia (grass vetchling)		Viola reichenbachiana (pale dog-violet)	
Anemone nemorosa (wood anemone)			Lathyrus pratensis (meadow vetchling)		Viola riviniana (common dog violet)	
Angelica sylvestris (wild angelica)			Leontodon autumnalis (autumn hawkbit)		Wahlenbergia hederacea (ivy-ldv bl-flower)	
Blackstonia perfoliata (yellow-wort)			Leontodon hispidus (rough hawkbit)			
Calluna vulgaris (ling heather)			Leontodon saxatilis (lesser hawkbit)		Dipsacus fullonum	
Caltha palustris (marsh marigold)			Leucanthemum vulgare (oxeye daisy)		Carex hirta	
Campanula rotundiflora (harebell)			Linum catharticum (fairy flax)		Carex sp	
Campanula trachelium (net-ldv bellflower)			Listera ovata (tway-blade orchid)			
Cardamine pratensis (cuckoo flower)			Lotus corniculatus (birds-foot trefoil)	✓	O	
Carex caryophylla (spring sedge)			Lotus uliginosus (greater birds-foot trefoil)			
Carex disticha (brown sedge)			Luzula campestris (field wood rush)	✓	R	
Carex divulsa (grey sedge)			Luzula multiflora (heath wood-rush)			
Carex echinata (star sedge)			Lychnis flos-cuculi (ragged robin)			
Carex flacca (glaucous sedge)	✓	O	Melampyrum pratense (cow-wheat)			
Carex nigra (common sedge)			Mentha aquatica (water mint)			
Carex ovalis (oval sedge)			Mercurialis perennis (dog's-mercury)			
Carex panicea (carnation sedge)	✓	O	Myosotis arvensis (field forget-me-not)			
Carex pendula (pendulous sedge)			Narcissus pseudonarcissus (wild daffodill)			
Carex remota (distant sedge)			Oenanthe crocata (hmlck water-dropwort)			
Carex riparia (greater pond-sedge)			Ononis repens (common restharrow)			
Carex rostrata (bottle sedge)			Ophrys apifera (bee orchid)		Fauna recorded during survey:	
Carex spicata (spiked sedge)			Orchis mascula (early purple orchid)			
Carex sylvatica (wood sedge)			Orchis morio (green-winged orchid)			
Centaurea nigra (common knapweed)			Pilosella officinarum (mse-ear hawkweed)			
Centaurea scabiosa (greater knapweed)			Pimpinella saxifraga (burnet saxifrage)			

Centaurium erythraea (cmmn centuary)	✓	O	Plantago lanceolata (ribwort plantain)		
Cerastium holosteoides(cmn. mouse-ear)			Polygala serpyllifolia (heath milkwort)		
Chrysosplenium oppositifolium (op.l.gsxfg)			Polygala vulgaris (common milkwort)		
Cirsium arvense (creeping thistle)			Potentilla anserina (silverweed)		
Cirsium dissectum (meadow thistle)			Potentilla erecta (tormentil)	✓	O
Cirsium palustre (marsh thistle)			Potentilla reptans (creeping cinquefoil)		
Cirsium vulgare (spear thistle)			Potentilla sterilis (barren strawberry)		



SITE NAME: Area 3

DATE:

	D		D		D
Agrostis tenuis (common bent)	✓		Conopodium majus (pignut)		Primula veris (cowslip)
Agrostis stolonifera (creeping bent)			Crepis capillaris (smooth hawks-beard)		Prunella vulgaris (self-heal)
Aira praecox (early hair-grass)			Crepis biennis (rough hawks-beard)		Pteridium aquilinum (bracken)
Alopecurus geniculatus (marsh foxtail)			Dactylorhiza fuchsii (c. spotted orchid)		Pulicaria dysenterica (fleabane)
Alopecurus pratensis (meadow foxtail)			Dactylorhiza praetermissa (s.msh orchid)		Ranunculus acris (meadow buttercup)
Anthoxanthum odoratum (sweet vnl grass)	✓	F	Daucus carota (wild carrot)		Ranunculus auricomus (gldlcks buttercup)
Arrhenatherum elatius (false oat grass)			Equisetum arvense (field horsetail)		Ranunculus bulbosus (bulbous buttercup)
Brachypodium pinnatum (tor grass)			Erica cinerea (bell-heather)		Ranunculus flammula (lesser spearwort)
Briza media (quaking grass)			Erica tetralix (cross-leaved heath)		Ranunculus repens (creeping buttercup)
Bromopsis erecta (upright brome)			Eupatorium cannabinum (hemp-agrimony)		Rhinanthus minor (yellow rattle)
Bromus commutatus (meadow brome)			Euphorbia amygdaloides (wood spurge)		Rubus fruticosus (bramble)
Bromus racemosus (smooth brome)			Euphrasia officinalis agg. (eyebright)		Rumex acetosa (common sorrel)
Cynosurus cristatus (crested dog's tail)	✓	F	Filipendula ulmaria (meadowsweet)		Rumex acetosella (sheeps sorrel)
Dactylis glomerata (cocks foot)			Fragaria vesca (wild strawberry)		Sanguisorba minor (salad burnet)
Danthonia decumbens (heath grass)			Galium odoratum (sweet woodruff)		Scabiosa columbaria (small scabious)
Deschampsia caespitosa (ftd hair grass)			Galium palustre (marsh-bedstraw)		Scrophularia nodosa (figwort)
Deschampsia flexuosa (wavy hair-grass)			Galium saxatile (heath bedstraw)		Senecio aquaticus (marsh ragwort)
Eriophorum angustifolium (cmn ctngrass)			Galium verum (lady's bedstraw)		Senecio jacobea (ragwort)
Festuca ovina (sheep's fescue)			Genista tinctoria (dyers greenweed)		Silaum silaus (pepper-saxifrage)
Festuca rubra (red fescue)	✓	F	Geranium pratense (meadow cranes bill)		Stachys officinalis (betony)
Glyceria fluitans (floating sweet-grass)			Geranium robertianum (herb robert)		Stachys palustris (marsh woundwort)
Helictotrichon pratense (mdw oat-grass)			Glechoma hederacea (ground ivy)		Stachys sylvatica (hedge woundwort)
Holcus lunatus (yorkshire fog)			Helianthemum nummularium (rock-rose)		Stellaria graminea (lesser stichwort)
Holcus mollis (creeping soft grass)			Heracleum sphondylium (hogweed)		Stellaria holostea (greater stichwort)
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Phleum pratense (timothy grass)			Jasione montana (sheep's bit)		Tragopogon pratensis (goat's-beard)
Poa annua (annual meadow grass)			Juncus acutiflorus (sharp-flowered rush)		Vaccinium myrtillus (bilberry)
Poa trivialis (rough meadow grass)			Juncus articulatus (jointed rush)		Valeriana dioica (marsh valerian)
Trisetum flavescens (yellow oat grass)			Juncus conglomeratus (compact rush)		Valeriana officinalis (common valerian)
Achillea millefolium (yarrow)			Juncus effusus (soft rush)		Veronica beccabunga (brooklime)
Achillea ptarmica (sneezewort)			Juncus inflexus (hard rush)		Veronica chamaedrys (gemdr. speedwell)
Agrimonia eupatoria (agrimony)			Juncus squarrosus (heath rush)		Vicia cracca (tufted vetch)
Ajuga reptans (bugle)			Juncus subnodulosus (blunt-flowered rush)		Vicia sativa (common vetch)
Alchemilla filicaulis (Lady's mantle)			Knautia arvensis (field scabious)		Vicia sepium (bush vetch)
Alliaria petiolata (garlic mustard)			Lamium galeobdolon (yellow archangel)		Viola canina (heath dog-violet)
Allium ursinum (ramsons)			Lathyrus nissolia (grass vetchling)		Viola reichenbachiana (pale dog-violet)
Anemone nemorosa (wood anemone)			Lathyrus pratensis (meadow vetchling)		Viola riviniana (common dog violet)
Angelica sylvestris (wild angelica)			Leontodon autumnalis (autumn hawkbit)		Wahlenbergia hederacea (ivy-lyd bl-flower)
Blackstonia perfoliata (yellow-wort)			Leontodon hispidus (rough hawkbit)		
Calluna vulgaris (ling heather)			Leontodon saxatilis (lesser hawkbit)		Carex sp
Caltha palustris (marsh marigold)			Leucanthemum vulgare (oxeye daisy)		
Campanula rotundiflora (harebell)			Linum catharticum (fairy flax)		Quercus robur
Campanula trachelium (net-lyd bellflower)			Listera ovata (tway-blade orchid)		
Cardamine pratensis (cuckoo flower)			Lotus corniculatus (birds-foot trefoil)	✓	R
Carex caryophylla (spring sedge)			Lotus uliginosus (greater birds-foot trefoil)		
Carex disticha (brown sedge)			Luzula campestris (field wood rush)		
Carex divulsa (grey sedge)			Luzula multiflora (heath wood-rush)		
Carex echinata (star sedge)			Lychnis flos-cuculi (ragged robin)		
Carex flacca (glaucous sedge)			Melampyrum pratense (cow-wheat)		
Carex nigra (common sedge)			Mentha aquatica (water mint)		
Carex ovalis (oval sedge)			Mercurialis perennis (dog's-mercury)		
Carex panicea (carnation sedge)			Myosotis arvensis (field forget-me-not)		
Carex pendula (pendulous sedge)			Narcissus pseudonarcissus (wild daffodill)		
Carex remota (distant sedge)			Oenanthe crocata (hmlck water-dropwort)		
Carex riparia (greater pond-sedge)			Ononis repens (common restharrow)		
Carex rostrata (bottle sedge)			Ophrys apifera (bee orchid)		
Carex spicata (spiked sedge)			Orchis mascula (early purple orchid)		
Carex sylvatica (wood sedge)			Orchis morio (green-winged orchid)		
Centaurea nigra (common knapweed)			Pilosella officinarum (mse-ear hawkweed)		
Centaurea scabiosa (greater knapweed)			Pimpinella saxifraga (burnet saxifrage)	✓	R

Fauna recorded during survey:

Centaurium erythraea (cmmn centuary)			Plantago lanceolata (ribwort plantain)		
Cerastium holosteoides(cmn. mouse-ear)	✓	O	Polygala serpyllifolia (heath milkwort)		
Chrysosplenium oppositifolium (op.l.gsxfg)			Polygala vulgaris (common milkwort)		
Cirsium arvense (creeping thistle)			Potentilla anserina (silverweed)		
Cirsium dissectum (meadow thistle)			Potentilla erecta (tormentil)	✓	R
Cirsium palustre (marsh thistle)			Potentilla reptans (creeping cinquefoil)		
Cirsium vulgare (spear thistle)			Potentilla sterilis (barren strawberry)		

SITE NAME: Area 4

DATE:

	D		D		D
Acer campestre (field maple)			Campanula trachelium(ntl-lvd bellflower)		Primula vulgaris (primrose)
Acer pseudoplatanus (sycamore)			Cardamine pratensis (cuckoo flower)		Prunella vulgaris (self-heal)
Aesculus hippocastanum (horse chestnut)			Carex laevigata (smooth-stalked sedge)		Ranunculus auricomus (gldlks buttercup)
Alnus glutinosa (alder)			Carex pallelescens (pale sedge)		Ranunculus ficaria (lesser celendine)
Betula pendula (silver birch)			Carex pendula (pendulous sedge)		Rumex acetosa (common sorrel)
Castanea sativa (sweet chestnut)			Carex remota (distant sedge)		Sanicula europaea (sanicle)
Corylus avellana (hazel)			Carex strigosa (thin-spiked wood-sedge)		Scirpus sylvaticus (wood club-rush)
Craetagus monogyna (hawthorn)	✓	D	Carex sylvatica (wood sedge)		Scrophularia nodosa (figwort)
Fagus sylvatica (beech)			Chrysosplenium alternifolium(a-lvd gs)		Silene dioica (red campion)
			Chrysosplenium oppositifolium(ot-lvd gs)		
Fraxinus excelsior (ash)			Conopodium majus (pignut)		Stachys sylvatica (hedge woundwort)
Larix decidua (larch)			Convallaria majalis (lily-of-the-valley)		Stellaria holostea (greater stichwort)
Malus sylvestris (crab apple)			Corydalis claviculata (climbing corydalis)		Stellaria neglecta (greater chickweed)
Pinus sylvestris (Scots Pine)			Danthonia decumbens (heath grass)		Stellaria nemorum (wood stichwort)
Populus tremula (aspen)			Daphne laureola (spurge laurel)		Taraxacum officinale (dandelion)
Prunus avium (wild cherry)			Daphne mezereum (mezeron)		Valeriana dioica (marsh valerian)
Prunus padus (bird cherry)			Deschampsia caespitosa (tftd hair grass)		Valeriana officinalis (common valerian)
Prunus spinosa (blackthorn)					Veronica beccabunga (brooklime)
			Deshampsia flexuosa (wavy hair grass)		Veronica chamaedrys (gemdr. speedwell)
Quercus petraea (sessile oak)			Dryopteris aemula(hay-scented bcklr fern)		Veronica hederacea (ivy leaved speedwell)
Quercus robur (pendunculate oak)			Dryopteris affinis (scaly male fern)		Veronica montana (wood speedwell)
Rhamnus catharticus (buckthorn)			Elymus caninus (bearded couch-grass)		Vicia sylvatica (wood vetch)
Sorbus aria (whitebeam)			Epipactis helleborine(b-leaved helleborine)		Viola reichenbachiana (pale dog violet)
Sorbus aucuparia (rowan)			Equisetum sylvaticum (wood horsetail)		Viola riviniana (common dog violet)
Sorbus torminalis (wild service)			Euonymus europaeus (spindle)		
Taxus baccata (yew)			Euphorbia amygdaloides (wood spurge)		Clematis vitalba
Tilia cordata (small-leaved lime)			Festuca gigantea (giant fescue)		✓
Ulmus glabra (wych elm)			Filipendula ulmaria (meadowsweet)		
			Fragaria vesca (wild strawberry)		
			Frangula alnus (alder buckthorn)		
			Galium aparine (cleaver)		
			Galium odoratum (sweet woodruff)		
			Geranium robertianum (herb robert)		
			Geum rivale (water avens)		
			Glechoma hederacea (ground ivy)		
			Gymnocarpium dryopteris (oak fern)		
			Heracleum sphondylium (hogweed)		
			Holcus lanatus (yorkshire fog)		
Euonymus europaeus (spindle)	✓		Holcus mollis (creeping soft grass)		
Ilex aquifolium (holly)			Hyacinthoides non-scripta (bluebell)		
Lonicera periclymenum (honeysuckle)			Hypericum androsaemum (tutsan)		
Pteridium aquilinum (bracken)			Hedera helix (ivy)		
Ribes rubrum (redcurrant)			Iris foetidissima (stinking iris)		
			Lamium galeobdolon (yllw archangel)		
Rosa arvensis (field rose)			Lathraea squamaria (toothwort)		
Rosa canina (dog rose)			Listera ovata (tway-blade orchid)		
Rubus fruticosus (bramble)	✓		Luzula forsteri (southern woodrush)		
Thelycrania sanguinea (dogwood)			Luzula pilosa (hairy woodrush)		
Vaccinium myrtillus (bilberry)			Luzula sylvatica (great woodrush)		
Viburnum opulus (guelder rose)			Lysimachia nemorum (yellow pimpernel)		
Visum album (mistletoe)			Melampyrum pratense (cmn cow-wheat)		
			Melica uniflora (wood mellick)		
			Melittis melissophyllum (bastard balm)		
			Mercurialis perennis (dog's mercury)		
			Milium effusum (wood millet)		
			Mochringia trinervium (3-nerved sandwort)		
			Narcissus pseudonarcissus (wild daffodill)		

			Neottia nidus-avis (bird's nest orchid)				
			Nettle ( <i>Urtica dioica</i> )				
<i>Adoxa moschatellina</i> (moshatel)			<i>Oenanthe crocata</i> (hmlck water-dropwort)				
<i>Aegopodium podararia</i> (ground elder)			<i>Orchis mascula</i> (early purple-orchid)				
<i>Aira praecox</i> (early hair-grass)			<i>Oxalis acetosella</i> (wood sorrel)			Fauna seen or evidence of recorded :	
<i>Alliaria petiolata</i> (garlic mustard)			<i>Paris quadrifolia</i> (herb-Paris)				
<i>Allium ursinum</i> (ramsons)			<i>Plantago lanceolata</i> (ribwort plantain)				
<i>Anemone nemorosa</i> (wood anemone)			<i>Platanthera chlorantha</i> (g butterfly orchid)				
<i>Angelica sylvestris</i> (wild angelica)			<i>Poa nemoralis</i> (wood meadow grass)				
<i>Anthoxanthum odoratum</i> (sweet vnl grass)			<i>Polygonatum multiflorum</i> (solomon's seal)				
<i>Anthriscus sylvestris</i> (cow parsley)			<i>Polystichum aculeatum</i> (hard shield fern)				
<i>Aquilegia vulgaris</i> (columbine)			<i>Polystichum setiferum</i> (soft shield fern)				
<i>Arum maculatum</i> (lords and ladies)			<i>Potentilla anserina</i> (silverweed)				
<i>Asplenium scolopendrium</i> (hartstnge fern)	✓		<i>Potentilla erecta</i> (tormentil)				
<i>Blechnum spicant</i> (hard fern)			<i>Potentilla reptans</i> (creeping cinquefoil)				
<i>Bromus ramosus</i> (hairy brome)			<i>Potentilla sterilis</i> (barren strawberry)				

SITE NAME: Area 5

DATE:

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Agrostis tenuis (common bent)		Conopodium majus (pignut)		Primula veris (cowslip)	
Agrostis stolonifera (creeping bent)		Crepis capillaris (smooth hawks-beard)		Prunella vulgaris (self-heal)	
Aira praecox (early hair-grass)		Crepis biennis (rough hawks-beard)		Pteridium aquilinum (bracken)	
Alopecurus geniculatus (marsh foxtail)		Dactylorhiza fuchsii (c. spotted orchid)		Pulicaria dysenterica (fleabane)	
Alopecurus pratensis (meadow foxtail)		Dactylorhiza praetermissa (s.msh orchid)		Ranunculus acris (meadow buttercup)	
Anthoxanthum odoratum (sweet vnl grass)		Daucus carota (wild carrot)		Ranunculus auricomus (gldlcks buttercup)	
Arrhenatherum elatius (false oat grass)		Equisetum arvense (field horsetail)		Ranunculus bulbosus (bulbous buttercup)	
Brachypodium pinnatum (tor grass)		Erica cinerea (bell-heather)		Ranunculus flammula (lesser spearwort)	
Briza media (quaking grass)		Erica tetralix (cross-leaved heath)		Ranunculus repens (creeping buttercup)	
Bromopsis erecta (upright brome)		Eupatorium cannabinum (hemp-agrimony)		Rhinanthus minor (yellow rattle)	
Bromus commutatus (meadow brome)		Euphorbia amygdaloides (wood spurge)		Rubus fruticosus (bramble)	
Bromus racemosus (smooth brome)		Euphrasia officinalis agg. (eyebright)		Rumex acetosa (common sorrel)	
Cynosurus cristatus (crested dog's tail)		Filipendula ulmaria (meadowsweet)		Rumex acetosella (sheeps sorrel)	
Dactylis glomerata (cocks foot)		Fragaria vesca (wild strawberry)		Sanguisorba minor (salad burnet)	
Danthonia decumbens (heath grass)		Galium odoratum (sweet woodruff)		Scabiosa columbaria (small scabious)	
Deschampsia caespitosa (ftd hair grass)		Galium palustre (marsh-bedstraw)		Scrophularia nodosa (figwort)	
Deschampsia flexuosa (wavy hair-grass)		Galium saxatile (heath bedstraw)		Senecio aquaticus (marsh ragwort)	
Eriophorum angustifolium (cmn ctngrass)		Galium verum (lady's bedstraw)		Senecio jacobea (ragwort)	
Festuca ovina (sheep's fescue)		Genista tinctoria (dyers greenweed)		Silaum silaus (pepper-saxifrage)	
Festuca rubra (red fescue)		Geranium pratense (meadow cranes bill)		Stachys officinalis (betony)	
Glyceria fluitans (floating sweet-grass)		Geranium robertianum (herb robert)		Stachys palustris (marsh woundwort)	
Helictotrichon pratense (mdw oat-grass)		Glechoma hederacea (ground ivy)		Stachys sylvatica (hedge woundwort)	
Holcus lunatus (yorkshire fog)		Helianthemum nummularium (rock-rose)		Stellaria graminea (lesser stichwort)	
Holcus mollis (creeping soft grass)		Heracleum sphondylium (hogweed)		Stellaria holostea (greater stichwort)	
Lolium perenne (perennial rye grass)		Hyacinthoides non-scripta (bluebell)		Succisa pratensis (devils bit-scabious)	
Milium effusum (wood millet)		Hypericum maculatum (imp StJohns-Wort)		Taraxacum officinale (dandelion)	
Melica uniflora (wood mellick)		Hypericum perforatum (pf St Johns-Wort)		Thymus polytrichus (wild thyme)	
Molinia caerulea (purple moor-grass)		Hypericum tetrapterum (sq.sd StJns-Wort)		Trifolium medium (zig zag clover)	
Nardus stricta (mat grass)		Hypochoeris glabra (smooth cats ear)		Trifolium pratense (red clover)	
Phalaris arundinacea (reed canary grass)		Hypochoeris radicata (common cats ear)		Trifolium repens (white clover)	
Phleum pratense (timothy grass)		Jasione montana (sheep's bit)		Tragopogon pratensis (goat's-beard)	
Poa annua (annual meadow grass)		Juncus acutiflorus (sharp-flowered rush)		Vaccinium myrtillus (bilberry)	
Poa trivialis (rough meadow grass)		Juncus articulatus (jointed rush)		Valeriana dioica (marsh valerian)	
Trisetum flavescens (yellow oat grass)		Juncus conglomeratus (compact rush)		Valeriana officinalis (common valerian)	
Achillea millefolium (yarrow)		Juncus effusus (soft rush)		Veronica beccabunga (brooklime)	
Achillea ptarmica (sneezewort)		Juncus inflexus (hard rush)		Veronica chamaedrys (gemdr. speedwell)	
Agrimonia eupatoria (agrimony)		Juncus squarrosus (heath rush)		Vicia cracca (tufted vetch)	
Ajuga reptans (bugle)		Juncus subnodulosus (blunt-flowerd rush)		Vicia sativa (common vetch)	
Alchemilla filicaulis (Lady's mantle)		Knautia arvensis (field scabious)		Vicia sepium (bush vetch)	
Alliaria petiolata (garlic mustard)		Lamium galeobdolon (yellow archangel)		Viola canina (heath dog-violet)	
Allium ursinum (ramsons)		Lathyrus nissolia (grass vetchling)		Viola reichenbachiana (pale dog-violet)	
Anemone nemorosa (wood anemone)		Lathyrus pratensis (meadow vetchling)		Viola riviniana (common dog violet)	
Angelica sylvestris (wild angelica)		Leontodon autumnalis (autumn hawkbit)		Wahlenbergia hederacea (ivy-lvd bl-flower)	
Blackstonia perfoliata (yellow-wort)		Leontodon hispidus (rough hawkbit)			
Calluna vulgaris (ling heather)		Leontodon saxatilis (lesser hawkbit)		Sparganium erectum	✓
Caltha palustris (marsh marigold)		Leucanthemum vulgare (oxeye daisy)		Potamogeton natans	✓
Campanula rotundiflora (harebell)		Linum catharticum (fairy flax)		Glyceria sp	✓
Campanula trachelium (net-lvd bellflower)		Listera ovata (tway-blade orchid)		Callitriche sp	✓
Cardamine pratensis (cuckoo flower)		Lotus corniculatus (birds-foot trefoil)		Lemna minor	✓
Carex caryophylla (spring sedge)		Lotus uliginosus (greater birds-foot trefoil)		Ranunculus sp	✓
Carex disticha (brown sedge)		Luzula campestris (field wood rush)		Potamogeton crispus	✓
Carex divulsa (grey sedge)		Luzula multiflora (heath wood-rush)		Juncus articulatus	✓
Carex echinata (star sedge)		Lychnis flos-cuculi (ragged robin)			
Carex flacca (glaucous sedge)		Melampyrum pratense (cow-wheat)			
Carex nigra (common sedge)		Mentha aquatica (water mint)			
Carex ovalis (oval sedge)		Mercurialis perennis (dog's-mercury)			
Carex panicea (carnation sedge)		Myosotis arvensis (field forget-me-not)			
Carex pendula (pendulous sedge)		Narcissus pseudonarcissus (wild daffodill)			
Carex remota (distant sedge)		Oenanthe crocata (hmlck water-dropwort)			
Carex riparia (greater pond-sedge)		Ononis repens (common restharrow)			
Carex rostrata (bottle sedge)		Ophrys apifera (bee orchid)		Fauna recorded during survey:	
Carex spicata (spiked sedge)		Orchis mascula (early purple orchid)			
Carex sylvatica (wood sedge)		Orchis morio (green-winged orchid)			
Centaurea nigra (common knapweed)		Pilosella officinarum (mse-ear hawkweed)			
Centaurea scabiosa (greater knapweed)		Pimpinella saxifraga (burnet saxifrage)			

Centaurium erythraea (cmmn centuary)		Plantago lanceolata (ribwort plantain)		
Cerastium holosteoides(cmn. mouse-ear)		Polygala serpyllifolia (heath milkwort)		
Chrysosplenium oppositifolium (op.l.gsxfg)		Polygala vulgaris (common milkwort)		
Cirsium arvense (creeping thistle)		Potentilla anserina (silverweed)		
Cirsium dissectum (meadow thistle)		Potentilla erecta (tormentil)		
Cirsium palustre (marsh thistle)		Potentilla reptans (creeping cinquefoil)		
Cirsium vulgare (spear thistle)		Potentilla sterilis (barren strawberry)		