

Gwent Wildlife Site/SINC Update Survey Form

SITE SUMMARY

SITE NAME: **Penterry Fields** SITE NO: **WS/SO30/19**

GRID REF: **S T 5 1 7 9 8 9** SURVEYOR(S): **Steph Tvler**

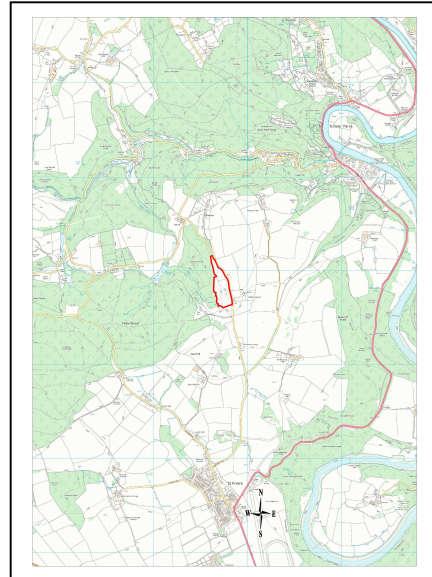
SIZE (approx.): **7.48ha**

ORIGINAL SURVEY DATE: **4/6/08** RESURVEY DATE: **8/7/19**

LOCAL AUTHORITY AREA:
Monmouthshire

SKETCH MAP OF SITES LOCATION:

WARD: **St. Arvans**



Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown Copyright and database right 2005. All rights reserved. Ordnance Survey License number: 100016400.

MAIN HABITAT TYPES PRESENT:

Habitat types	NVC type	Area (ha)
Species-rich Grassland		

LBAP PRIORITY HABITATS/SPECIES PRESENT?

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

The field comprises of two fields, both of quite reasonable sizes with a generally westerly aspect.

The larger of the two fields (Field 1) was flanked by a road (Penterry Lane) to the east and woodland to the west. Within the field there was some scrub and a remnant hedgerow and some hedgerow bounding the field. Field 1 had an interesting mosaic of vegetation with an acidic strip overlying very shallow soil dominated by Sheep's Sorrel and Tormentil. There was also a wetter area with Soft Rushes and on bare ground species such as Water Pepper *Persicaria hydropiper* and Marsh Cudweed *Gnaphalium uliginosum*. On a drier bare area several plants of Corn Spurrey *Spergula arvensis* and Fathen *Chenopodium album* were seen.

The smaller, triangular field (Field 2) was bounded by more substantial hedgerows. The lower area was grass-dominated but the higher ground was rich in Common Knapweed, Bird's-foot Trefoil, Red Clover, Meadow Vetchling, Tufted Vetch and Cat's-ear.

Neutral Grassland: Field 1= 10 indicator species
Field 2= 8 indicator species

Site originally selected as a Wildlife Site/SINC on 15/4/10. Is site still Wildlife Site quality? **YES**

DETAILED SITE INFORMATION

SITE OWNERSHIP: Including names of any tenants/graziers Name(s)

Name(s)	[REDACTED]	
Addresses	[REDACTED]	
Tel.no.	[REDACTED]	E-mail: jsarahclay@btinternet.com

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"/>	Unknown <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"/>	

Describe the access to the site:

Can be accessed from Penterry Lane, via a network of paths that cross the two fields.

Are there any public rights of way on the site?

Yes

If so please describe their location:

A network of PROW, cross over both fields.

What is the current management at the site?

???

Are there any threats to the site?

Bracken invasion

Are there any invasive species present?

None noted.

Are there any protected species present?

None noted.

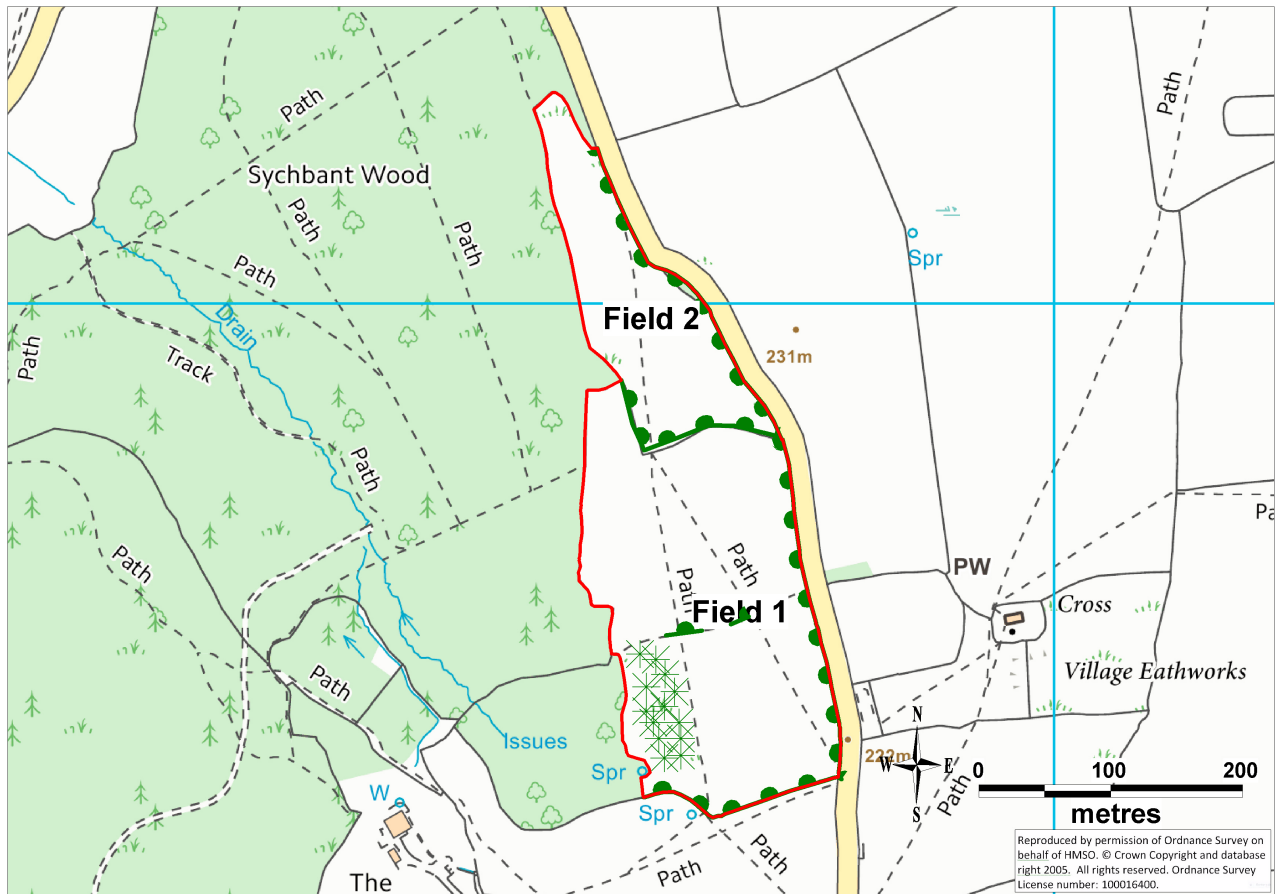
Please state the section(s) of the Wildlife Sites Guidance that this site qualifies under:

H4) Neutral Grasslands - over 8 indicator species. (10 species recorded (Field 1), 8 species recorded (Field 2)).

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

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

Sketch map of site (including northpoint, scale and areas of the site of particular note):



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

CCW Phase 1, 1991. Local Wildlife Site original survey form 2006.

OFFICE USE ONLY

Site no.: WS/ST59/08

Please note: The data on this form may be held in accordance with the Gwent Wildlife Trust's registration under the Data Protection Act 1996

	D		D		D
Agrostis capillaris (Common Bent)	LF	Crepis biennis (Rough Hawks-beard)		Ranunculus bulbosus (Bulbous buttercup)	
Agrostis stolonifera (Creeping Bent)		Dactylorhiza fuchsii (C. Spotted Orchid)		Ranunculus flammula (Lesser spearwort)	
Aira praecox (Early Hair-grass)		Dactylorhiza praetermissa (S.Msh Orchid)		Ranunculus repens (creeping buttercup)	LF
Alopecurus geniculatus (Marsh Foxtail)		Daucus carota (Wild Carrot)		Rhinanthus minor (yellow rattle)	O
Alopecurus pratensis (Meadow Foxtail)	R	Equisetum arvense (Field Horsetail)		Rubus fruticosus (bramble)	
Anthoxanthum odoratum (Sweet Vnl Grass)	LF	Erica cinerea (Bell Heather)		Rumex acetosa (Common Sorrel)	O
Arrhenatherum elatius (False Oat-grass)		Erica tetralix (Cross-leaved Heather)		Rumex obtusifolius (Broad-leaved Dock)	
Brachypodium pinnatum (Tor Grass)		Eupatorium cannabinum (Hemp-agrimony)		Sanguisorba minor (Salad Burnet)	
Briza media (Quaking Grass)		Euphorbia amygdaloides (Wood Spurge)		Scabiosa columbaria (Small Scabious)	
Bromopsis erecta (Upright Brome)		Euphrasia officinalis agg. (Eyebright)		Serophularia nodosa (Figwort)	
Bromus commutatus (Meadow Brome)		Filipendula ulmaria (Meadowsweet)		Senecio aquaticus (Marsh Ragwort)	
Bromus racemosus (Smooth Brome)		Fragaria vesca (Wild Strawberry)		Senecio jacobea (Ragwort)	
Cynosurus cristatus (Crested Dog's-tail)	O	Galium odoratum (Sweet Woodruff)		Silaum silaus (Pepper-saxifrage)	
Dactylis glomerata (Cock's Foot)		Galium palustre (Marsh Bedstraw)		Stachys officinalis (Betony)	
Danthonia decumbens (Heath Grass)		Galium saxatile (Heath Bedstraw)		Stachys palustris (Marsh Woundwort)	
Deschampsia caespitosa (Tfhd Hair-grass)		Galium verum (Lady's Bedstraw)		Stachys sylvatica (Hedge Woundwort)	
Deschampsia flexuosa (Wavy Hair-grass)		Genista tinctoria (Dyers Greenweed)		Stellaria graminea (Lesser Stitchwort)	O
Eriophorum angustifolium (Cmn Cottongrass)		Geranium pratense (Meadow Cranesbill)		Stellaria holostea (Greater Stitchwort)	
Festuca ovina (Sheep's Fescue)		Geranium robertianum (Herb Robert)		Succisa pratensis (Devils Bit Scabious)	
Festuca rubra (Red Fescue)	F	Glechoma hederacea (Ground Ivy)		Taraxacum officinale (Dandelion)	
Glyceria fluitans (Floating Sweet-grass)		Helianthemum nummularium (Rock-rose)		Thymus polytrichus (Wild Thyme)	
Helictotrichon pratense (Mdw Oat-grass)		Heraclium sphondylium (Hogweed)		Trifolium medium (Zig-zag Clover)	
Holcus lanatus (Yorkshire Fog)	LF	Hyacinthoides non-scripta (Bluebell)		Trifolium pratense (Red Clover)	O
Holcus mollis (Creeping Soft Grass)	Y	Hypericum maculatum (Imp St. Johns-wort)		Trifolium repens (White Clover)	O
Lolium perenne (Perennial Rye-grass)	R	Hypericum perforatum (Pf St Johns-wort)		Tragopogon pratensis (Goat's-beard)	
Milium effusum (Wood Millet)		Hypericum tetrapterum (Sq.Sd StJns-Wort)		Vaccinium myrtillus (Bilberry)	
Melica uniflora (Wood Mellick)		Hypochaeris glabra (Smooth Catsear)		Valeriana dioica (Marsh Valerian)	
Molinia caerulea (Purple Moor-grass)		Hypochaeris radicata (Common Catsear)	O	Valeriana officinalis (Common Valerian)	
Nardus stricta (Mat Grass)		Jasione montana (Sheep's Bit)		Veronica beccabunga (Brooklime)	
Phalaris arundinacea (Reed Canary-grass)		Juncus acutiflorus (Sharp-flowered Rush)		Veronica chamaedrys (Gemdr. Speedwell)	
Phleum pratense (Timothy Grass)		Juncus articulatus (Jointed Rush)		Vicia cracca (Tufted Vetch)	Y
Poa annua (Annual Meadow-grass)		Juncus conglomeratus (Compact Rush)		Vicia sativa (Common Vetch)	
Poa trivialis (Rough Meadow-grass)	LF/LA	Juncus effusus (Soft Rush)	O	Vicia sepium (Bush Vetch)	
Trisetum flavescens (Yellow Oat-grass)		Juncus inflexus (Hard Rush)		<u>Viola canina (Heath Dog -violet)</u>	
		Juncus squarrosus (Heath Rush)		Viola reichenbachiana (Wood Dog-violet)	
Achillea millefolium (Yarrow)		Juncus subnodulosus (Blunt-flowered Rush)		Viola riviniana (Common Dog-violet)	
Achillea ptarmica (Sneezewort)		Knautia arvensis (Field Scabious)		Wahlenbergia hederacea (Ivy-leaved Bell-flower)	
Agrimonia eupatoria (Agrimony)		Lamiasium galeobdolon (Yellow Archangel)			
Ajuga reptans (Bugle)		Lathyrus nissolia (Grass Vetchling)		Other species:	
Alchemilla filicaulis (Lady's Mantle)		Lathyrus pratensis (Meadow Vetchling)		Cerastium glomeratum (Sticky Mouse-ear)	O
Alliaria petiolata (Garlic Mustard)		Scorzoneroidea autumnalis (Autumn Hawkbit)		Rumex acetosella (Sheep's Sorrel)	LA
Allium ursinum (Ramsons)		Leontodon hispidus (Rough Hawkbit)		Trifolium dubium (Lesser trefoil)	O
Anemone nemorosa (Wood Anemone)		Leontodon saxatilis (Lesser Hawkbit)		Persicaria hydropiper (Water Pepper)	Y
Angelica sylvestris (Wild Angelica)		Leucanthemum vulgare (Oxeye Daisy)	R	Gnaphalium uliginosum (Marsh Cudweed)	Y
Blackstonia perfoliata (Yellow-wort)		Linum catharticum (Fairy Flax)		Spergula arvensis (Corn Spurrey)	Y
Calluna vulgaris (Ling Heather)		Listera ovata (Twayblade Orchid)		Chenopodium album (Fat Hen)	Y
Caltha palustris (Marsh Marigold)		Lotus corniculatus (Birds-foot Trefoil)	LF		
Campanula rotundiflora (Harebell)		Lotus pedunculatus (Greater Birds-foot Trefoil)	LF		
Campanula trachelium (Net-ldd Bellflower)		Luzula campestris (Field Wood-rush)			
Cardamine pratensis (Cuckoo Flower)		Luzula multiflora (Heath Wood-rush)			
Carex caryophylla (Spring Sedge)		Lychnis flos-cuculi (Ragged Robin)			
Carex disticha (Brown Sedge)		Mercurialis perennis (Dog's Mercury)			
Carex divulsa (Grey Sedge)		Myosotis arvensis (Field Forget-me-not)			
Carex otrubea (False Fox Sedge)		Narcissus pseudonarcissus (Wild Daffodill)			
Carex flacca (Glaucous Sedge)		Oenanthe crocata (Hemlock Water-dropwort).			
Carex nigra (Common Sedge)		Ononis repens (Common Restharrow)			
Carex ovalis (Oval Sedge)		Ophrys apifera (Bee Orchid)			
Carex panicea (Carnation Sedge)		Orchis mascula (Early Purple Orchid)			
Carex pendula (Pendulous Sedge)		Orchis morio (Green-winged Orchid)			
Carex remota (Remote Sedge)		Pilosella officinarum (Mse-ear Hawkweed)			
Carex spicata (Spiked Sedge)		Pimpinella saxifraga (Burnet Saxifrage)			
Carex sylvatica (Wood Sedge)		Plantago lanceolata (Ribwort Plantain)	Y		
Centaurea nigra (Common Knapweed)	O	Polygala serpyllifolia (Heath Milkwort)			
Centaurea scabiosa (Greater Knapweed)		Polygala vulgaris (Common Milkwort)			

Centaurium erythraea (Cmmn Century)		Potentilla erecta (tormentil)	LF	
Cerastium holosteoides(Cmn. Mouse-ear)	O	Potentilla reptans (creeping cinquefoil)		
Chrysosplenium oppositifolium (Op.l.gsxfg)		Potentilla sterilis (barren strawberry)		
Cirsium arvense (Creeping Thistle)	O	Primula veris (cowslip)		Fauna recorded:
Cirsium dissectum (Meadow Thistle)		Prunella vulgaris (self heal)	O	
Cirsium palustre (Marsh Thistle)	O	Pteridium aquilinum (bracken)	Y	
Cirsium vulgare (Spear Thistle)	R	Pulicaria dysenterica (fleabane)		
Conopodium majus (Pignut)	O/R	Ranunculus acris (meadow buttercup)	O	
Crepis capillaris (Smooth Hawks-beard)		Ranunculus auricomus (gldcks buttercup)		

SITE NAME: Penterry Field

FIELD NUMBER: 2

DATE: 8/07/2019

	D		D	D
Agrostis capillaris (Common Bent)	LF	Crepis biennis (Rough Hawks-beard)		Ranunculus bulbosus (Bulbous buttercup)
Agrostis stolonifera (Creeping Bent)		Dactylorhiza fuchsii (C. Spotted Orchid)		Ranunculus flammula (lesser spearwort)
Aira praecox (Early Hair-grass)		Dactylorhiza praetermissa (S.Msh Orchid)		Ranunculus repens (creeping buttercup)
Alopecurus geniculatus (Marsh Foxtail)		Daucus carota (Wild Carrot)		Rhinanthus minor (yellow rattle) LA
Alopecurus pratensis (Meadow Foxtail)		Equisetum arvense (Field Horsetail)		Rubus fruticosus (bramble)
Anthoxanthum odoratum (Sweet Vnl Grass)	Y	Erica cinerea (Bell Heather)		Rumex acetosa (Common Sorrel) O
Arrhenatherum elatius (False Oat-grass)		Erica tetralix (Cross-leaved Heather)		Rumex obtusifolius (Broad-leaved Dock)
Brachypodium pinnatum (Tor Grass)		Eupatorium cannabinum (Hemp-agrimony)		Sanguisorba minor (Salad Burnet)
Briza media (Quaking Grass)		Euphorbia amygdaloides (Wood Spurge)		Scabiosa columbaria (Small Scabious)
<u>Bromopsis erecta (Upright Brome)</u>		Euphrasia officinalis agg. (Eyebright)		Scrophularia nodosa (Figwort)
Bromus commutatus (Meadow Brome)		Filipendula ulmaria (Meadowsweet)		Senecio aquaticus (Marsh Ragwort)
Bromus racemosus (Smooth Brome)		Fragaria vesca (Wild Strawberry)		Senecio jacobea (Ragwort)
Cynosurus cristatus (Crested Dog's-tail)	O	Galium odoratum (Sweet Woodruff)		Silaum silaus (Pepper-saxifrage)
Dactylis glomerata (Cock's Foot)		Galium palustre (Marsh Bedstraw)		Stachys officinalis (Betony)
Danthonia decumbens (Heath Grass)		Galium saxatile (Heath Bedstraw)		Stachys palustris (Marsh Woundwort)
Deschampsia caespitosa (Tffd Hair-grass)		Galium verum (Lady's Bedstraw)		Stachys sylvatica (Hedge Woundwort)
Deschampsia flexuosa (Wavy Hair-grass)		Genista tinctoria (Dyers Greenweed)		Stellaria graminea (Lesser Stitchwort) LF
Eriophorum angustifolium(Cmn Cottongrass)		Geranium pratense (Meadow Cranesbill)		Stellaria holostea (Greater Stitchwort)
Festuca ovina (Sheep's Fescue)		Geranium robertianum (Herb Robert)		Succisa pratensis (Devils Bit Scabious)
Festuca rubra (Red Fescue)	F	Glechoma hederacea (Ground Ivy)		Taraxacum officinale (Dandelion)
Glyceria fluitans (Floating Sweet-grass)		Helianthemum nummularium (Rock-rose)		Thymus polytrichus (Wild Thyme)
Helictotrichon pratense (Mdw Oat-grass)		Heraclaeum sphondylium (Hogweed)		Trifolium medium (Zig-zag Clover)
Holcus lanatus (Yorkshire Fog)	F	Hyacinthoides non-scripta (Bluebell)		Trifolium pratense (Red Clover) LF
Holcus mollis (Creeping Soft Grass)		Hypericum maculatum (Imp St. Johns-wort)		Trifolium repens (White Clover)
Lolium perenne (Perennial Rye-grass)		Hypericum perforatum (Pf St Johns-wort)		Tragopogon pratensis (Goat's-beard)
Milium effusum (Wood Millet)		Hypericum tetrapterum (Sq.Sd StJns-Wort)		Vaccinium myrtillus (Bilberry)
Melica uniflora (Wood Mellick)		Hypochaeris glabra (Smooth Catsear)		Valeriana dioica (Marsh Valerian)
Molinia caerulea (Purple Moor-grass)		Hypochaeris radicata (Common Catsear)	O/R	Valeriana officinalis (Common Valerian)
Nardus stricta (Mat Grass)		Jasione montana (Sheep's Bit)		Veronica beccabunga (Brooklime)
Phalaris arundinacea (Reed Canary-grass)		Juncus acutiflorus (Sharp-flowered Rush)		Veronica chamaedrys (Gemdr. Speedwell)
Phleum pratense (Timothy Grass)	Y	Juncus articulatus (Jointed Rush)		Vicia cracca (Tufted Vetch) O
Poa annua (Annual Meadow-grass)		Juncus conglomeratus (Compact Rush)		Vicia sativa (Common Vetch)
Poa trivialis (Rough Meadow-grass)	Y	Juncus effusus (Soft Rush)		Vicia sepium (Bush Vetch)
Trisetum flavescens (Yellow Oat-grass)		Juncus inflexus (Hard Rush)		Viola canina (Heath Dog -violet)
		Juncus squarrosus (Heath Rush)		Viola reichenbachiana (Wood Dog-violet)
Achillea millefolium (Yarrow)	Y	Juncus subnodulosus (Blunt-flowered Rush)		Viola riviniana (Common Dog-violet)
Achillea ptarmica (Sneezewort)		Knautia arvensis (Field Scabious)		Wahlenbergia hederacea (Ivy-leaved Bell-flower)
Agrimonia eupatoria (Agrimony)		Lamiasium galeobdolon (Yellow Archangel)		
Ajuga reptans (Bugle)		Lathyrus nissolia (Grass Vetchling)		Other species:
Alchemilla filicaulis (Lady's Mantle)		Lathyrus pratensis (Meadow Vetchling)	O	
Alliaria petiolata (Garlic Mustard)		Scorzoneroidees autumnalis (Autumn Hawkbit)		
Allium ursinum (Ramsons)		Leontodon hispidus (Rough Hawkbit)		
Anemone nemorosa (Wood Anemone)		Leontodon saxatilis (Lesser Hawkbit)		
Angelica sylvestris (Wild Angelica)		Leucanthemum vulgare (Oxeye Daisy)		
Blackstonia perfoliata (Yellow-wort)		Linum catharticum (Fairy Flax)		
Calluna vulgaris (Ling Heather)		Listera ovata (Twayblade Orchid)		
Caltha palustris (Marsh Marigold)		Lotus corniculatus (Birds-foot Trefoil)	Y	
Campanula rotundiflora (Harebell)		Lotus pedunculatus (Greater Birds-foot Trefoil)		
Campanula trachelium (Net-lvd Bellflower)		Luzula campestris (Field Wood-rush)		
Cardamine pratensis (Cuckoo Flower)		Luzula multiflora (Heath Wood-rush)		
Carex caryophylla (Spring Sedge)		Lychnis flos-cuculi (Ragged Robin)		
Carex disticha (Brown Sedge)		Mercurialis perennis (Dog's Mercury)		

Carex divulsa (Grey Sedge)		Myosotis arvensis (Field Forget-me-not)		
Carex otrubea (False Fox Sedge)		<u>Narcissus pseudonarcissus (Wild Daffodill)</u>		
Carex flacca (Glaucous Sedge)		Oenanthe crocata (Hemlock Water-dropwort).		
Carex nigra (Common Sedge)		Ononis repens (Common Restharrow)		
Carex ovalis (Oval Sedge)		<u>Ophrys apifera (Bee Orchid)</u>		
Carex panicea (Carnation Sedge)		Orchis mascula (Early Purple Orchid)		
Carex pendula (Pendulous Sedge)		Orchis morio (Green-winged Orchid)		
Carex remota (Remote Sedge)		Pilosella officinarum (Mse-ear Hawkweed)		
Carex spicata (Spiked Sedge)		Pimpinella saxifraga (Burnet Saxifrage)		
Carex sylvatica (Wood Sedge)		Plantago lanceolata (Ribwort Plantain)	Y	
Centaurea nigra (Common Knapweed)	LF	Polygala serpyllifolia (Heath Milkwort)		
Centaurea scabiosa (Greater Knapweed)		Polygala vulgaris (Common Milkwort)		
Centaureum erythraea (Cmmn Centuary)		Potentilla erecta (tormentil)		
Cerastium holostoides(Cmn. Mouse-ear)	O	Potentilla reptans (creeping cinquefoil)		
Chrysosplenium oppositifolium (Op.l.gsxfg)		Potentilla sterilis (barren strawberry)		
Cirsium arvense (Creeping Thistle)	Y	Primula veris (cowslip)		Fauna recorded:
Cirsium dissectum (Meadow Thistle)		Prunella vulgaris (self heal)		
Cirsium palustre (Marsh Thistle)		Pteridium aquilinum (bracken)	Y	
Cirsium vulgare (Spear Thistle)	Y	Pulicaria dysenterica (fleabane)		
Conopodium majus (Pignut)		Ranunculus acris (meadow buttercup)	O	
Crepis capillaris (Smooth Hawks-beard)		Ranunculus auricomus (gldclcks buttercup)		
	Y			

Key to colour coding of grassland species list

Species in **Bold** equals indicator species for Neutral grasslands (please note other species in list may be indicator species for other grassland types and these have been taken in to account when assessing overall value of the site).

Species in **Bold and underlined** equals a species from the contributory species list.

Species in *red italics* equals a species from the primary species list.

D = Dominant

A = Abundant

F = Frequent

O = Occasional

R = Rare

V = Very

L = Local/Locally

Y = Present