

# Gwent Wildlife Site/SINC Update Survey Form

## SITE SUMMARY

SITE NAME: **Church Farm Meadows** SITE NO: **WS/SO40/13**

GRID REF: **S O 4 6 2 0 1 8** SURVEYOR(S): **Andy Karran**

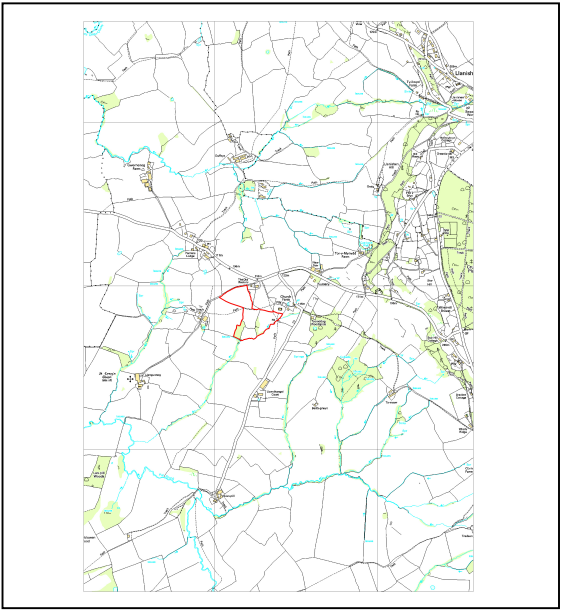
SIZE (approx.): **5.24ha**

ORIGINAL SURVEY DATE: **03/05/05** RESURVEY DATE: **01/07/15**

LOCAL AUTHORITY AREA:  
**Monmouthshire**

WARD: **Devauden**

SKETCH MAP OF SITES LOCATION:



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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.):

This site comprises of three species-rich Hay Meadows (Field 1 – 3) and a sheep grazed pasture with a reduced diversity but stil a number of indiator species present (Field 4). These fields together with adjacent fields that surround the Llanvihangel Churchyard form a significant area of species rich grassland in the area. The fields which generally slope quite gently downwards to the south are surrounded by hedgerows and nice pockets of woodland. The fields are generally dry neutral grassland but there are damper areas with localised areas having a number of sedge species present and locally frequent rush. The fields support a good variety of neutral grassland indicator species with Common Knapweed (*Centaurea nigra*), Birdsfoot Trefoil (*Lotus corniculatus*), Lesser Stitchwort (*Stellaria graminea*) and Red Clover (*Trifolium pratense*) being the most frequent. There are good numbers of Common Spotted Orchids (*Dactylorhiza fuchsii*) and the presence of Dyer’s Greenweed (*Genista tinctoria*) in Field 1 is of particular note. Adder’s Tongue (*Ophioglossum vulgatum*) which was recorded in Field 4 in 2005 could not be relocated in 2015.

*Neutral Grassland:* Field 1 - 22indicator species. (13 in 2005)  
 Field 2 - 11 indicator species (8 in 2005)  
 Field 3 - 15indicator species. (10 in 2005)  
 Field 4 - 8 indicator species. (10 in 2005)

Site originally selected as a Wildlife Site/SINC on 25/11/05. 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:	[REDACTED]

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

Date	Contact	Discussion subjects/decisions made
01/7/15	[REDACTED]	[REDACTED]
23/12/15	[REDACTED]	[REDACTED]

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

Describe the access to the site:

Can be accessed from churchyard via stile on the Public Footpath.

Are there any public rights of way on the site?

**Yes**

If so please describe their location:

A public footpath runs north to south through Field 1 and also through the north of Field 3.

What is the current management at the site?

Field 1 -3 are hay cut. Field 4 is sheep grazed.

Are there any threats to the site?

Not known.

Are there any invasive species present?

None noted

Are there any protected species present?

None noted.

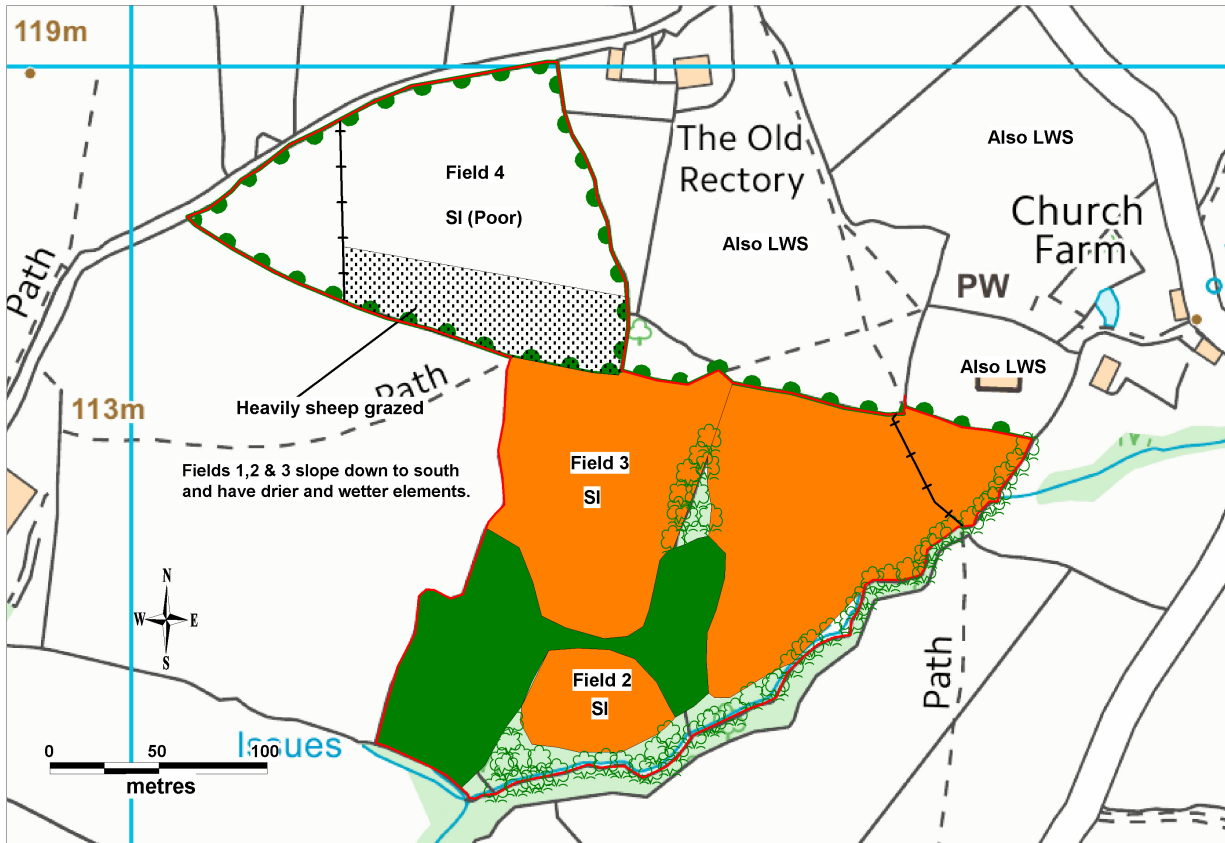
Please state the section(s) of the Wildlife Sites Guidance that this site qualifies under:

**H4) Neutral Grasslands - over 8 indicator species**

Is the site part of any grant schemes? Yes  No  Grant Scheme: **Natural Assets** End date **April 2012**

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):



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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 2005.

**OFFICE USE ONLY**

Site no.: WS/SO40/13

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

**SITE NAME: Church Farm Meadows**

**FIELD NUMBER: 1**

**DATE:**

01/07/2015

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

Carex sylvatica (wood sedge)		<b>Orchis morio (green-winged orchid)</b>		Meadow Brown
<b>Centaurea nigra (common knapweed)</b>	F	<b>Pilosella officinarum (mse-ear hawkweed)</b>		Ringlet
Centaurea scabiosa (greater knapweed)		<b>Pimpinella saxifraga (burnet saxifrage)</b>		Marble White
<b>Centaureum erythraea (emmn centuary)</b>		Plantago lanceolata (ribwort plantain)	F	Silver Y
Cerastium holosteoides (cmn. mouse-ear)	O	Polygala serpyllifolia (heath milkwort)		Common Blue
Chrysosplenium oppositifolium (op.L.gsxfg)		<b>Polygala vulgaris (common milkwort)</b>		
Cirsium arvense (creeping thistle)	O	Potentilla anserina (silverweed)		
<b>Cirsium dissectum (meadow thistle)</b>		<b>Potentilla erecta (tormentil)</b>	VLF	
Cirsium palustre (marsh thistle)	O	Potentilla reptans (creeping cinquefoil)	O	
Cirsium vulgare (spear thistle)		Potentilla sterilis (barren strawberry)		

**SITE NAME: Church Farm Meadows**

**FIELD NUMBER: 2 DATE: 01/07/2015**

	D		D		D
Agrostis tenuis (common bent)	F	<b>Conopodium majus (pignut)</b>		<b>Primula veris (cowslip)</b>	
Agrostis stolonifera (creeping bent)		Crepis capillaris (smooth hawks-beard)		Prunella vulgaris (self-heal)	O/VLF
Aira praecox (early hair-grass)		Crepis biennis (rough hawks-beard)		Pteridium aquilinum (bracken)	
Alopecurus geniculatus (marsh foxtail)		<b>Dactylorhiza fuchsii (c. spotted orchid)</b>	F	Pulicaria dysenterica (fleabane)	O/LF
Alopecurus pratensis (meadow foxtail)	R	<b>Dactylorhiza praetermissa (s.msh orchid)</b>		Ranunculus acris (meadow buttercup)	F
Anthoxanthum odoratum (sweet vnl grass)	F	Daucus carota (wild carrot)		<b>Ranunculus auricomus (gldclks buttercup)</b>	
Arrhenatherum elatius (false oat grass)		Equisetum arvense (field horsetail)	VL	<b>Ranunculus bulbosus (bulbous buttercup)</b>	
Brachypodium pinnatum (tor grass)		Erica cinerea (bell-heather)		Ranunculus flammula (lesser spearwort)	
<b>Briza media (quaking grass)</b>		Erica tetralix (cross-leaved heath)		Ranunculus repens (creeping buttercup)	O
<b>Bromopsis erecta (upright brome)</b>		Eupatorium cannabinum (hemp-agrimony)		<b>Rhinanthus minor (yellow rattle)</b>	O
<b>Bromus commutatus (meadow brome)</b>		Euphorbia amygdaloides (wood spurge)		Rubus fruticosus (bramble)	VL
<b>Bromus racemosus (smooth brome)</b>		<b>Euphrasia officinalis agg. (eyebright)</b>		Rumex acetosa (common sorrel)	O
Cynosurus cristatus (crested dog's tail)	O	Filipendula ulmaria (meadowsweet)	O	Rumex acetosella (Sheep's Sorrel)	
Dactylis glomerata (cock's foot)		Fragaria vesca (wild strawberry)		Sanguisorba minor (salad burnet)	
<b>Danthonia decumbens (heath grass)</b>		Galium odoratum (sweet woodruff)		Scabiosa columbaria (small scabious)	
Deschampsia caespitosa (tfd hair grass)		Galium palustre (marsh-bedstraw)	O	Scrophularia nodosa (figwort)	
Deschampsia flexuosa (wavy hair-grass)		Galium saxatile (heath bedstraw)		Senecio aquaticus (marsh ragwort)	
Eriophorum angustifolium (cmn cottongrass)		<b>Galium verum (lady's bedstraw)</b>		Senecio jacobea (ragwort)	
Festuca ovina (sheep's fescue)		<b>Genista tinctoria (dyers greenweed)</b>		<b>Silaum silaus (pepper-saxifrage)</b>	
Festuca rubra (red fescue)		<b>Geranium pratense (meadow cranes bill)</b>		<b>Stachys officinalis (betony)</b>	
Glyceria fluitans (floating sweet-grass)		Geranium robertianum (herb robert)		Stachys palustris (marsh woundwort)	VLF
Helictotrichon pratense (mdw oat-grass)		Glechoma hederacea (ground ivy)		Stachys sylvatica (hedge woundwort)	
Holcus lanatus (yorkshire fog)	F	Helianthemum nummularium (rock-rose)		<b>Stellaria graminea (lesser stichwort)</b>	O
Holcus mollis (creeping soft grass)		Heraclium sphondylium (hogweed)	O	Stellaria holostea (greater stichwort)	
Lolium perenne (perennial rye grass)		Hyacinthoides non-scripta (bluebell)		<b>Succisa pratensis (devils bit-scabious)</b>	R
Milium effusum (wood millet)		<b>Hypericum maculatum (imp St Johns-Wort)</b>		Taraxacum officinale (dandelion)	Y
Melica uniflora (wood mellick)		<b>Hypericum perforatum (pf St Johns-Wort)</b>		Thymus polytrichus (wild thyme)	
Molinia caerulea (purple moor-grass)		Hypericum tetrapterum (sq.sd StJns-Wort)		<b>Trifolium medium (zig zag clover)</b>	
Nardus stricta (mat grass)		Hypochaeris glabra (smooth cats ear)		<b>Trifolium pratense (red clover)</b>	F
Phalaris arundinacea (reed canary grass)		<b>Hypochaeris radicata (common cats ear)</b>	R	Trifolium repens (white clover)	O
Phleum pratense (timothy grass)		Jasione montana (sheep's bit)		Tragopogon pratensis (goat's-beard)	
Poa annua (annual meadow grass)		Juncus acutiflorus (sharp-flowered rush)	VLF	Vaccinium myrtillus (bilberry)	
Poa trivialis (rough meadow grass)		Juncus articulatus (jointed rush)		Valeriana dioica (marsh valerian)	
<b>Trisetum flavescens (yellow oat grass)</b>		Juncus conglomeratus (compact rush)	LF	Valeriana officinalis (common valerian)	
Achillea millefolium (yarrow)		Juncus effusus (soft rush)	O	Veronica beccabunga (brooklime)	
Achillea ptarmica (sneezewort)		Juncus inflexus (hard rush)		Veronica chamaedrys (gemdr. speedwell)	
<b>Agrimonia eupatoria (agrimony)</b>		Juncus squarrosus (heath rush)		<b>Vicia cracca (tufted vetch)</b>	O
<b>Ajuga reptans (bugle)</b>		Juncus subnodulosus (blunt-flowered rush)		Vicia sativa (common vetch)	
<b>Alchemilla filicaulis (lady's mantle)</b>		Knautia arvensis (field scabious)		Vicia sepium (bush vetch)	
Alliaria petiolata (garlic mustard)		Lamium galeobdolon (yellow archangel)		Viola canina (heath dog-violet)	
Allium ursinum (ramsons)		<b>Lathyrus nissolia (grass vetchling)</b>		Viola reichenbachiana (Early dog-violet)	
Anemone nemorosa (wood anemone)		<b>Lathyrus pratensis (meadow vetchling)</b>	O/VLF	<b>Viola riviniana (common dog violet)</b>	
Angelica sylvestris (wild angelica)	O	<b>Leontodon autumnalis (autumn hawkbit)</b>		Wahlenbergia hederacea (ivy-ldv bl-flower)	
Blackstonia perfoliata (yellow-wort)		<b>Leontodon hispidus (rough hawkbit)</b>			
Calluna vulgaris (ling heather)		<b>Leontodon saxatilis (lesser hawkbit)</b>		<b>Other Species:</b>	
Caltha palustris (marsh marigold)		<b>Leucanthemum vulgare (oxeye daisy)</b>		Mentha Arvensis (Corn Mint)	VLF
<b>Campanula rotundiflora (harebell)</b>		<b>Linum catharticum (fairy flax)</b>		Urtica dioica (Stinging Nettle)	O
Campanula trachelium (net-ldv bellflower)		<b>Listera ovata (tway-blade orchid)</b>		Bromus hardaceus (Soft Brome)	O
<b>Cardamine pratensis (cuckoo flower)</b>		<b>Lotus corniculatus (birds-foot trefoil)</b>	F	Carex hirta (Hairy Sedge)	R
<b>Carex caryophylla (spring sedge)</b>		Lotus uliginosus (greater birds-foot trefoil)	LF	Trifolium dubium (Lesser Trefoil)	O
Carex disticha (brown sedge)		<b>Luzula campestris (field wood rush)</b>	Y	Silene dioica (Red Campion)	VL
<b>Carex divulsa (grey sedge)</b>		Luzula multiflora (heath wood-rush)		Rumex obtusifolius (Broad-leaved Dock)	R
Carex otrubea (false fox sedge)		Lychnis flos-cuculi (ragged robin)		Rumex crispus (Curled Dock)	R

<b>Carex flacca (glaucous sedge)</b>	VLF	Melampyrum pratense (cow-wheat)		
<b>Carex nigra (common sedge)</b>		Mentha aquatica (water mint)		
Carex ovalis (oval sedge)	O	Mercurialis perennis (dog's-mercury)		
<b>Carex panicea (carnation sedge)</b>		Myosotis arvensis (field forget-me-not)	R	
Carex pseudocyperus (cyperus sedge)		<b>Narcissus pseudonarcissus (wild daffodil)</b>		
Carex remota (Remote sedge)		Oenanthe crocata (Hemlock water dropwort).	VL	
Carex riparia (greater pond-sedge)		<b>Ononis repens (common restharrow)</b>		
Carex rostrata (bottle sedge)		<b>Ophrys apifera (bee orchid)</b>		Fauna recorded during survey:
<b>Carex spicata (spiked sedge)</b>		<b>Orchis mascula (early purple orchid)</b>		
Carex sylvatica (wood sedge)		<b>Orchis morio (green-winged orchid)</b>		
<b>Centaurea nigra (common knapweed)</b>	F	<b>Pilosella officinarum (mse-ear hawkweed)</b>		
Centaurea scabiosa (greater knapweed)		<b>Pimpinella saxifraga (burnet saxifrage)</b>		
<b>Centaureum erythraea (cmmn centuary)</b>		Plantago lanceolata (ribwort plantain)	O	
Cerastium holosteoides (cmn. mouse-ear)	O	Polygala serpyllifolia (heath milkwort)		
Chrysosplenium oppositifolium (op.l.gsxfg)		<b>Polygala vulgaris (common milkwort)</b>		
Cirsium arvense (creeping thistle)	O	Potentilla anserina (silverweed)		
<b>Cirsium dissectum (meadow thistle)</b>		<b>Potentilla erecta (tormentil)</b>		
Cirsium palustre (marsh thistle)	O	Potentilla reptans (creeping cinquefoil)	R	
Cirsium vulgare (spear thistle)		Potentilla sterilis (barren strawberry)		

**SITE NAME: Church Farm Meadows**

**FIELD NUMBER: 3 DATE: 01/07/2015**

	D		D	D
Agrostis tenuis (common bent)	F	<b>Conopodium majus (pignut)</b>		<b>Primula veris (cowslip)</b>
Agrostis stolonifera (creeping bent)		Crepis capillaris (smooth hawks-beard)		Prunella vulgaris (self-heal) O
Aira praecox (early hair-grass)		Crepis biennis (rough hawks-beard)		Pteridium aquilinum (bracken) VLa
Alopecurus geniculatus (marsh foxtail)		<b>Dactylorhiza fuchsii (c. spotted orchid)</b>	LF	Pulicaria dysenterica (fleabane) LF
Alopecurus pratensis (meadow foxtail)	O	<b>Dactylorhiza praetermissa (s.msh orchid)</b>		Ranunculus acris (meadow buttercup) F
Anthoxanthum odoratum (sweet vnl grass)	A	Daucus carota (wild carrot)		<b>Ranunculus auricomus (gldlcks buttercup)</b>
Arrhenatherum elatius (false oat grass)		Equisetum arvense (field horsetail)		<b>Ranunculus bulbosus (bulbous buttercup)</b>
Brachypodium pinnatum (tor grass)		Erica cinerea (bell-heather)		Ranunculus flammula (lesser spearwort)
<b>Briza media (quaking grass)</b>		Erica tetralix (cross-leaved heath)		Ranunculus repens (creeping buttercup) O
<b>Bromopsis erecta (upright brome)</b>		Eupatorium cannabinum (hemp-agrimony)		<b>Rhinanthus minor (yellow rattle)</b> O/LA
<b>Bromus commutatus (meadow brome)</b>		Euphorbia amygdaloides (wood spurge)		Rubus fruticosus (bramble)
<b>Bromus racemosus (smooth brome)</b>		<b>Euphrasia officinalis agg. (eyebright)</b>		Rumex acetosa (common sorrel) O
Cynosurus cristatus (crested dog's tail)	O/VLF	Filipendula ulmaria (meadowsweet)	O	Rumex acetosella (Sheep's Sorrel)
Dactylis glomerata (cock's foot)		Fragaria vesca (wild strawberry)		Sanguisorba minor (salad burnet)
<b>Danthonia decumbens (heath grass)</b>		Galium odoratum (sweet woodruff)		Scabiosa columbaria (small scabious)
Deschampsia caespitosa (tffd hair grass)		Galium palustre (marsh-bedstraw)	O	Scrophularia nodosa (figwort)
Deschampsia flexuosa (wavy hair-grass)		Galium saxatile (heath bedstraw)		Senecio aquaticus (marsh ragwort)
Eriophorum angustifolium (emn cottongrass)		<b>Galium verum (lady's bedstraw)</b>		Senecio jacobea (ragwort)
Festuca ovina (sheep's fescue)		<b>Genista tinctoria (dyers greenweed)</b>	VO	<b>Silaum silaus (pepper-saxifrage)</b>
Festuca rubra (red fescue)	O	<b>Geranium pratense (meadow cranes bill)</b>		<b>Stachys officinalis (betony)</b>
Glyceria fluitans (floating sweet-grass)		Geranium robertianum (herb robert)		Stachys palustris (marsh woundwort)
Helictotrichon pratense (mdw oat-grass)		Glechoma hederacea (ground ivy)	VL	Stachys sylvatica (hedge woundwort)
Holcus lanatus (yorkshire fog)	F	Helianthemum nummularium (rock-rose)		<b>Stellaria graminea (lesser stichwort)</b> O
Holcus mollis (creeping soft grass)		Heracleum sphondylium (hogweed)	O	Stellaria holostea (greater stichwort)
Lolium perenne (perennial rye grass)		Hyacinthoides non-scripta (bluebell)		<b>Succisa pratensis (devils bit-scabious)</b>
Milium effusum (wood millet)		<b>Hypericum maculatum (imp St Johns-Wort)</b>		Taraxacum officinale (dandelion)
Melica uniflora (wood mellick)		<b>Hypericum perforatum (pf St Johns-Wort)</b>		Thymus polytrichus (wild thyme)
Molinia caerulea (purple moor-grass)		Hypericum tetrapterum (sq.sd StJns-Wort)		<b>Trifolium medium (zig zag clover)</b>
Nardus stricta (mat grass)		Hypochaeris glabra (smooth cats ear)		<b>Trifolium pratense (red clover)</b> A
Phalaris arundinacea (reed canary grass)		<b>Hypochaeris radicata (common cats ear)</b>	O	Trifolium repens (white clover) F
Phleum pratense (timothy grass)	VL	Jasione montana (sheep's bit)		Tragopogon pratensis (goat's-beard)
Poa annua (annual meadow grass)		Juncus acutiflorus (sharp-flowered rush)	A	Vaccinium myrtillus (bilberry)
Poa trivialis (rough meadow grass)		Juncus articulatus (jointed rush)		Valeriana dioica (marsh valerian)
<b>Trisetum flavescens (yellow oat grass)</b>		Juncus conglomeratus (compact rush)		Valeriana officinalis (common valerian)
Achillea millefolium (yarrow)		Juncus effusus (soft rush)	VO	Veronica beccabunga (brooklime)
Achillea ptarmica (sneezewort)		Juncus inflexus (hard rush)	VL	Veronica chamaedrys (gemdr. speedwell)
<b>Agrimonia eupatoria (agrimony)</b>		Juncus squarrosus (heath rush)		<b>Vicia cracca (tufted vetch)</b> LF
<b>Ajuga reptans (bugle)</b>		Juncus subnodulosus (blunt-flowered rush)		Vicia sativa (common vetch)
<b>Alchemilla filicaulis (lady's mantle)</b>		Knautia arvensis (field scabious)		Vicia sepium (bush vetch)
Alliaria petiolata (garlic mustard)		Lamium album (yellow archangel)		<b>Viola canina (heath dog-violet)</b>
Allium ursinum (ramsons)		<b>Lathyrus nissolia (grass vetchling)</b>		Viola reichenbachiana (Early dog-violet)
Anemone nemorosa (wood anemone)		<b>Lathyrus pratensis (meadow vetchling)</b>	O	<b>Viola riviniana (common dog violet)</b>
Angelica sylvestris (wild angelica)		<b>Leontodon autumnalis (autumn hawkbit)</b>		Wahlenbergia hederacea (ivy-lvd bl-flower)

Blackstonia perfoliata (yellow-wort)		<b>Leontodon hispidus (rough hawkbit)</b>		
Calluna vulgaris (ling heather)		<b>Leontodon saxatilis (lesser hawkbit)</b>		<b>Other Species:</b>
Caltha palustris (marsh marigold)		<b>Leucanthemum vulgare (oxeye daisy)</b>		
<b>Campanula rotundiflora (harebell)</b>		<b>Linum catharticum (fairy flax)</b>		Convolvulus arvensis (Field Bindweed) VL
Campanula trachelium (net-lvd bellflower)		<b>Listera ovata (tway-blade orchid)</b>		Bromus hordeaceus (Soft Brome) O
<b>Cardamine pratensis (cuckoo flower)</b>		<b>Lotus corniculatus (birds-foot trefoil)</b>	F	Carex hirta (Hairy Sedge) VLF
<b>Carex caryophylla (spring sedge)</b>		Lotus uliginosus(greater birds-foot trefoil)	F	Rumex crispus (Curled Dock) R
Carex disticha (brown sedge)		<b>Luzula campestris (field wood rush)</b>	Y	Trifolium dubium (Lesser Trefoil) LF
<b>Carex divulsa (grey sedge)</b>		Luzula multiflora (heath wood-rush)		
Carex otrubea (false fox sedge)		Lychnis flos-cuculi (ragged robin)	O	
<b>Carex flacca (glaucous sedge)</b>	O	Melampyrum pratense (cow-wheat)		
<b>Carex nigra (common sedge)</b>	O	Mentha aquatica (water mint)		
Carex ovalis (oval sedge)		Mercurialis perennis (dog's-mercury)		
<b>Carex panicea (carnation sedge)</b>	VLA	Myosotis arvensis (field forget-me-not)	R	
Carex pseudocyperus (cyperus sedge)		<b>Narcissus pseudonarcissus (wild daffodill)</b>		
Carex remota (Remote sedge)		Oenanthe crocata (Hemlock water dropwort).	O	
Carex riparia (greater pond-sedge)		<b>Ononis repens (common restharrow)</b>		
Carex rostrata (bottle sedge)		<b>Ophrys apifera (bee orchid)</b>		Fauna recorded during survey:
<b>Carex spicata (spiked sedge)</b>		<b>Orchis mascula (early purple orchid)</b>		Mint Moth
Carex sylvatica (wood sedge)		<b>Orchis morio (green-winged orchid)</b>		Meadow Brown
<b>Centaurea nigra (common knapweed)</b>	F	<b>Pilosella officinarum (msc-ear hawkweed)</b>		Dark Bush Cricket
Centaurea scabiosa (greater knapweed)		<b>Pimpinella saxifraga (burnet saxifrage)</b>		Marble White
<b>Centaureum erythraea (cmmn centuary)</b>		Plantago lanceolata (ribwort plantain)	O	
Cerastium holosteoides(cmn. mouse-ear)	R	Polygala serpyllifolia (heath milkwort)		
Chrysosplenium oppositifolium (op.l.gsxfg)		<b>Polygala vulgaris (common milkwort)</b>		
Cirsium arvense (creeping thistle)	R	Potentilla anserina (silverweed)	VL	
<b>Cirsium dissectum (meadow thistle)</b>		<b>Potentilla erecta (tormentil)</b>	VL	
Cirsium palustre (marsh thistle)	R	Potentilla reptans (creeping cinquefoil)		
Cirsium vulgare (spear thistle)		Potentilla sterilis (barren strawberry)		

**SITE NAME: Church Farm Meadows**

**FIELD NUMBER: 4**

**DATE:**

01/07/2015

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Agrostis tenuis (common bent)	A	<b>Conopodium majus (pignut)</b>		<b>Primula veris (cowslip)</b>	
Agrostis stolonifera (creeping bent)		Crepis capillaris (smooth hawks-beard)		Prunella vulgaris (self-heal)	O
Aira praecox (early hair-grass)		Crepis biennis (rough hawks-beard)		Pteridium aquilinum (bracken)	VL
Alopecurus geniculatus (marsh foxtail)		<b>Dactylorhiza fuchsii (c. spotted orchid)</b>	LF	Pulicaria dysenterica (fleabane)	
Alopecurus pratensis (meadow foxtail)		<b>Dactylorhiza praetermissa (s.msh orchid)</b>		Ranunculus acris (meadow buttercup)	F
Anthoxanthum odoratum(sweet vnl grass)	A	Daucus carota (wild carrot)		<b>Ranunculus auricomus (gldlcks buttercup)</b>	
Arrhenatherum elatius (false oat grass)		Equisetum arvense (field horsetail)		<b>Ranunculus bulbosus (bulbous buttercup)</b>	
Brachypodium pinnatum (tor grass)		Erica cinerea (bell-heather)		Ranunculus flammula (lesser spearwort)	
<b>Briza media (quaking grass)</b>		Erica tetralix (cross-leaved heath)		Ranunculus repens (creeping buttercup)	F
<b>Bromopsis erecta (upright brome)</b>		Eupatorium cannabinum (hemp-agrimony)		<b>Rhinanthus minor (yellow rattle)</b>	
<b>Bromus commutatus (meadow brome)</b>		Euphorbia amygdaloides (wood spurge)		Rubus fruticosus (bramble)	
<b>Bromus racemosus (smooth brome)</b>		<b>Euphrasia officinalis agg. (eyebright)</b>		Rumex acetosa (common sorrel)	O
Cynosurus cristatus (crested dog's tail)	O	Filipendula ulmaria (meadowsweet)	O	Rumex acetosella (Sheep's Sorrel)	
Dactylis glomerata (cock's foot)	O	Fragaria vesca (wild strawberry)		Sanguisorba minor (salad burnet)	
<b>Danthonia decumbens (heath grass)</b>		Galium odoratum (sweet woodruff)		Scabiosa columbaria (small scabious)	
Deschampsia caespitosa (tftd hair grass)		Galium palustre (marsh-bedstraw)	O	Scrophularia nodosa (figwort)	
Deschampsia flexuosa (wavy hair-grass)		Galium saxatile (heath bedstraw)		Senecio aquaticus (marsh ragwort)	
Eriophorum angustifolium(cmn cottongrass)		<b>Galium verum (lady's bedstraw)</b>		Senecio jacobea (ragwort)	
Festuca ovina (sheep's fescue)		<b>Genista tinctoria (dyers greenweed)</b>	VO	<b>Silaum silaus (pepper-saxifrage)</b>	
Festuca rubra (red fescue)		<b>Geranium pratense (meadow cranes bill)</b>		<b>Stachys officinalis (betony)</b>	
Glyceria fluitans (floating sweet-grass)		Geranium robertianum (herb robert)		Stachys palustris (marsh woundwort)	
Helictotrichon pratense (mdw oat-grass)		Glechoma hederacea (ground ivy)	VL	Stachys sylvatica (hedge woundwort)	
Holcus lanatus (yorkshire fog)	F	Helianthemum nummularium (rock-rose)		<b>Stellaria graminea (lesser stichwort)</b>	O
Holcus mollis (creeping soft grass)		Heracleum sphondylium (hogweed)	O	Stellaria holostea (greater stichwort)	
Lolium perenne (perennial rye grass)	O	Hyacinthoides non-scripta (bluebell)		<b>Succisa pratensis (devils bit-scabious)</b>	
Milium effusum (wood millet)		<b>Hypericum maculatum(imp StJohns-Wort)</b>		Taraxacum officinale (dandelion)	
Melica uniflora (wood mellick)		<b>Hypericum perforatum (pf St Johns-Wort)</b>		Thymus polytrichus (wild thyme)	
Molinia caerulea (purple moor-grass)		Hypericum tetrapterum (sq.sd StJns-Wort)		<b>Trifolium medium (zig zag clover)</b>	
Nardus stricta (mat grass)		Hypochaeris glabra (smooth cats ear)		<b>Trifolium pratense (red clover)</b>	O
Phalaris arundinacea (reed canary grass)		<b>Hypochaeris radicata (common cats ear)</b>	O	Trifolium repens (white clover)	F
Phleum pratense (timothy grass)		Jasione montana (sheep's bit)		Tragopogon pratensis (goat's-beard)	
Poa annua (annual meadow grass)		Juncus acutiflorus (sharp-flowered rush)	A	Vaccinium myrtillus (bilberry)	
Poa trivialis (rough meadow grass)		Juncus articulatus (jointed rush)		Valeriana dioica (marsh valerian)	
<b>Trisetum flavescens (yellow oat grass)</b>		Juncus conglomeratus (compact rush)		Valeriana officinalis (common valerian)	

Achillea millefolium (yarrow)		Juncus effusus (soft rush)	VO	Veronica beccabunga (brooklime)	
Achillea ptarmica (sneezewort)		Juncus inflexus (hard rush)	VL	Veronica chamaedrys (gemdr. speedwell)	
<b>Agrimonia eupatoria (agrimony)</b>		Juncus squarrosus (heath rush)		<b>Vicia cracca (tufted vetch)</b>	<b>O</b>
<b>Ajuga reptans (bugle)</b>		Juncus subnodulosus (blunt-flowered rush)		Vicia sativa (common vetch)	
<b>Alchemilla filicaulis (lady's mantle)</b>		Knautia arvensis (field scabious)		Vicia sepium (bush vetch)	
Alliaria petiolata (garlic mustard)		Lamium galeobdolon (yellow archangel)		<u>Viola canina (heath dog-violet)</u>	
Allium ursinum (ramsons)		<b>Lathyrus nissolia (grass vetchling)</b>		Viola reichenbachiana (Early dog-violet)	
Anemone nemorosa (wood anemone)		<b>Lathyrus pratensis (meadow vetchling)</b>	<b>O</b>	<b>Viola riviniana (common dog violet)</b>	
Angelica sylvestris (wild angelica)		<b>Leontodon autumnalis (autumn hawkbit)</b>		Wahlenbergia hederacea (ivy-ldv bl-flower)	
Blackstonia perfoliata (yellow-wort)		<b>Leontodon hispidus (rough hawkbit)</b>			
Calluna vulgaris (ling heather)		<b>Leontodon saxatilis (lesser hawkbit)</b>		<b>Other Species:</b>	
Caltha palustris (marsh marigold)		<b>Leucanthemum vulgare (oxeye daisy)</b>			
<b>Campanula rotundiflora (harebell)</b>		<b>Linum catharticum (fairy flax)</b>		Rumex obtusifolius (Broad-leaved Dock)	VL
Campanula trachelium (net-ldv bellflower)		<b>Listera ovata (tway-blade orchid)</b>		Trifolium dubium (Lesser Trefoil)	LF
<b>Cardamine pratensis (cuckoo flower)</b>		<b>Lotus corniculatus (birds-foot trefoil)</b>	<b>F</b>	Bromus hordeaceus (Soft Brome)	<b>O</b>
<b>Carex caryophylla (spring sedge)</b>		Lotus uliginosus (greater birds-foot trefoil)	F		
Carex disticha (brown sedge)		<b>Luzula campestris (field wood rush)</b>	<b>Y</b>		
<b>Carex divulsa (grey sedge)</b>		Luzula multiflora (heath wood-rush)			
Carex otrubea (false fox sedge)		Lychnis flos-cuculi (ragged robin)	O		
<b>Carex flacca (glaucous sedge)</b>		Melampyrum pratense (cow-wheat)			
<b>Carex nigra (common sedge)</b>	<b>VO</b>	Mentha aquatica (water mint)			
Carex ovalis (oval sedge)		Mercurialis perennis (dog's-mercury)			
<b>Carex panicea (carnation sedge)</b>		Myosotis arvensis (field forget-me-not)	R		
Carex pseudocyperus (cyperus sedge)		<b>Narcissus pseudonarcissus (wild daffodill)</b>			
Carex remota (Remote sedge)		Oenanthe crocata (Hemlock water dropwort).	O		
Carex riparia (greater pond-sedge)		<b>Ononis repens (common restharrow)</b>			
Carex rostrata (bottle sedge)		<b>Ophrys apifera (bee orchid)</b>		Fauna recorded during survey:	
<b>Carex spicata (spiked sedge)</b>		<b>Orchis mascula (early purple orchid)</b>			
Carex sylvatica (wood sedge)		<b>Orchis morio (green-winged orchid)</b>			
<b>Centaurea nigra (common knapweed)</b>	<b>O</b>	<b>Pilosella officinarum (mse-ear hawkweed)</b>			
Centaurea scabiosa (greater knapweed)		<b>Pimpinella saxifraga (burnet saxifrage)</b>			
<b>Centaureum erythraea (emmn centuary)</b>		Plantago lanceolata (ribwort plantain)	O		
Cerastium holosteoides (cmn. mouse-ear)	O	Polygala serpyllifolia (heath milkwort)			
Chrysosplenium oppositifolium (op.L.gsxfg)		<b>Polygala vulgaris (common milkwort)</b>			
Cirsium arvense (creeping thistle)	R	Potentilla anserina (silverweed)	VL		
<b>Cirsium dissectum (meadow thistle)</b>		<b>Potentilla erecta (tormentil)</b>	<b>VL</b>		
Cirsium palustre (marsh thistle)	R	Potentilla reptans (creeping cinquefoil)			
Cirsium vulgare (spear thistle)		Potentilla sterilis (barren strawberry)			

#### 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.