

# Gwent Wildlife Site/SINC Notification Form WS/SO40/57

## SITE SUMMARY

SITE NAME: Llananant Farm

GRID REF: S O 4 3 3 0 6 7

SURVEYOR(S): Steven Heaton

SIZE (approx.): c.7.28ha

DATE OF SURVEY: 20/08/12

LOCAL AUTHORITY AREA:  
Monmouthshire

WARD: Raglan

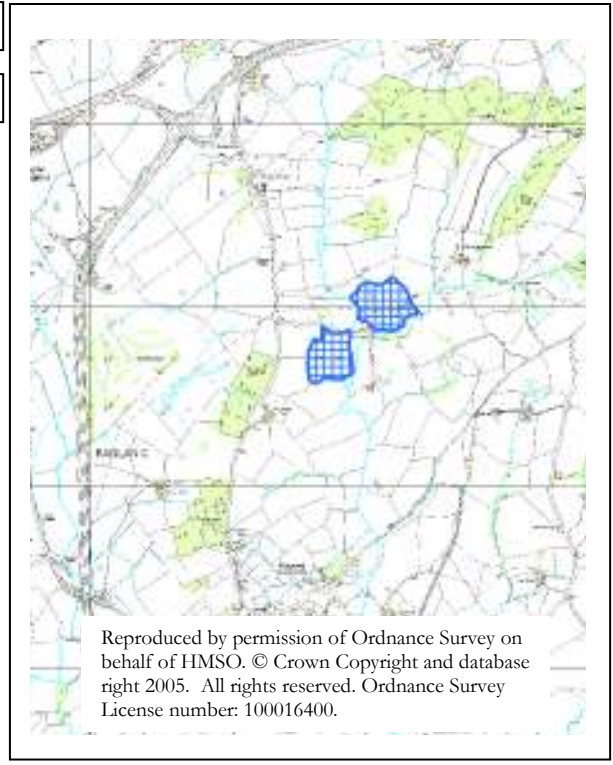
**MAIN HABITAT TYPES PRESENT:**

Habitat types	NVC type	Area (ha)
Neutral grassland (semi-improved & unimproved)	-	-
Marshy grassland	-	-
Pond & brook	-	-
Woodland & scrub	-	-

**LBAP PRIORITY HABITATS/SPECIES PRESENT?**

Species-rich grassland

**SKETCH MAP OF SITES LOCATION:**



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

The LWS consists of 2 SI fields (fields 1 & 2), a marshy field (field 3) and a triangle of rough unimproved grassland, forming part of the 52 acre Llananant farm which is run building on permaculture principals. The site is surrounded by improved and semi-improved grassland, some of which will be subject to LWS next year before the hay cutting season. Field 1 is unimproved species-rich neutral grassland. Due to the time of survey it was difficult to get a full list (it had been cut!) however despite this at least 13 indicator species of neutral grassland were present at a good frequency in the regrowth including *Trifolium pratense*, *Hypericum perforatum*, *Hypochoeris radicata*, *Lotus corniculatus*, *Lathyrus pratensis* and *Vicia cracca*. There are also frequent patches of marshy grassland. *Rhinanthus minor* is frequent across the field. Field 2 appeared to be slightly more improved, however the central area was particularly species-rich with species such as, *Pimpinella saxifraga*, *Hypochoeris radicata*, and *Trifolium pratense*. There are also wetter areas supporting marshy grassland. Field 3 is marshy grassland with indicators of both marshy and neutral grassland. Although not quite enough LWS indicator species were recorded the field should qualify if an earlier survey was undertaken. Species of interest include, *Carex flacca*, *Lotus pedunculatus*, and *Odonites verna*. The 'wilderness triangle' is an area of tree and scrub with areas of rough, unimproved grassland. It has lesser than eight indicator species but species include *Genista tinctoria*, *Odonites verna*, *Pulicaria dysentrica*, *Hypericum perforatum*, *Lathyrus pratensis*, and *Lotus pedunculatus*. There is a plan to control the scrub, so the grassland species can spread. Across the whole of the site there are many species-rich hedgerows and wooded streams forming wildlife corridors. A stream runs along the southern edge of field 3, connecting with the tree lined Pontyrhydan Brook which runs north-south through the farm and along the eastern edge of fields 1&2.

**It should be noted that this site was surveyed after the hay had been cut making surveying very difficult. Two additional fields appear likely to be SI (marked SI uncoloured on field map, below) and are provisionally included in the LWS (subject to survey in 2013) forming a continuous block of LWS linking field 3 and the wilderness triangle.**

**Official Use Only:** Site selected as a Wildlife Site/SINC? YES  NO  Date: 3/10/12

# DETAILED SITE INFORMATION

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

Name(s)		
Addresses		
Tel.no.		Mobile: <input type="text"/>

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

Date	Contact	Discussion subjects/decisions made
11/08/12	Steve visited Organic Farm open day	
15/08/12	Emailed for permission to survey	Permission granted to survey site.
20/08/12	Survey	Some areas LWS quality, visit is too late for the hay meadows so a return visit in 2013 is needed.

Is/are the owner(s)    i) aware of the site's nature conservation value?    **Yes**  
                                   ii) managing the land sympathetically?                    **Yes**  
                                   iii) willing to manage the land sympathetically?                **Yes**

Describe the access to the site:

The farm is reached via a track on the Dingestow to Kingcoed lane. All areas surround the farmhouse and can be accessed with permission from the landowner.

Are there any public rights of way on the site?

**Yes**

If so please describe their location:

There are footpaths from the farm house.

What is the current management at the site?

Low intensity organic farming and permaculture. Field 1 – hay meadow (recently cut at time of survey), Field 2 – pasture, Field 3 – low intensity grazing (when level of wetness allows). Sheep/cattle (inc dexters) used to graze.

Are there any threats to the site?

Are there any invasive species present?

Not at time of survey

Are there any protected species present?

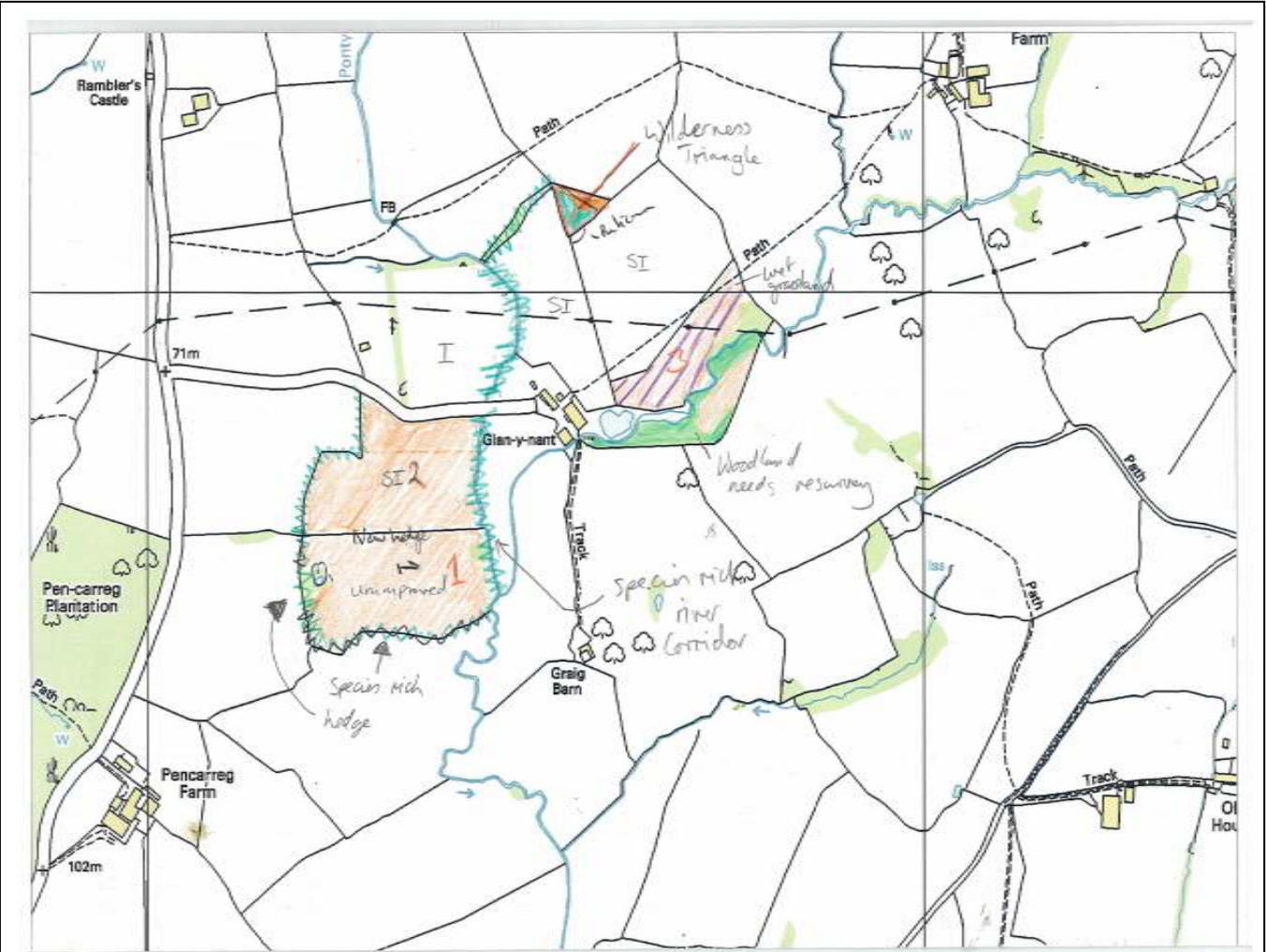
Please state the section(s) of the Wildlife Sites Guidance that this site qualifies under:

**H4) Neutral grassland**  
**H7) Marshy grassland**

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

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):



N  
Δ

*N.B. Field 1 – pond at west edge (marked on OS map) is dry and looks to be an old quarry - may have at some stage held water. A further pond, surrounded by trees, is located at eastern edge alongside the wooded stream.  
Woodland to the south of field 3 had been heavily trampled by escaped cattle and needs survey at a later date.*

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

CCW Phase 1 survey 1991; Improved grassland.

**OFFICE USE ONLY**

Site no.:

**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**

## FIELD NUMBER:

SITE NAME: Field 1

DATE:

20/08/2012

	D		D		D
Agrostis tenuis (common bent)	F	Conopodium majus (pignut)		Primula veris (cowslip)	
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)	
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)	o
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)	O
Bromopsis erecta (upright brome)		Eupatorium cannabinum (hemp-agrimony)		Rhinanthus minor (yellow rattle)	F
Bromus commutatus (meadow brome)		Euphorbia amygdaloides (wood spurge)		Rubus fruticosus (bramble)	
Bromus racemosus (smooth brome)		Euphrasia officinalis agg. (eyebright)		Rumex acetosa (common sorrel)	F
Cynurus cristatus (crested dog's tail)	F	Fragaria vesca (wild strawberry)		Rumex acetosella (sheeps sorrel)	
Dactylis glomerata (cock's foot)	F	Fragaria vesca (wild strawberry)		Sanguisorba minor (salad burnet)	
Danthonia decumbens (heath grass)		Galium odoratum (sweet woodruff)		Scabiosa columbaria (small scabious)	
Deschampsia caespitosa (tftd 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 ctnggrass)		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 lanatus (yorkshire fog)	F	Helianthemum nummularium (rock-rose)		Stellaria graminea (lesser stichwort)	
Holcus mollis (creeping soft grass)		Heracleum sphondylium (hogweed)	O	Stellaria holostea (greater stichwort)	
Lolium perenne (perennial rye grass)	O	Hyacinthoides non-scripta (bluebell)		Succisa pratensis (devils bit-scabious)	
Milium effusum (wood millet)		Hypericum maculatum (imp StJohns-Wort)	F	Taraxacum officinale (dandelion)	O
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)	F
Phalaris arundinacea (reed canary grass)		Hypochoeris radicata (common cats ear)	F	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)	F	Vaccinium myrtillus (bilberry)	
Poa trivialis (rough meadow grass)	F	Juncus articulatus (jointed rush)		Valeriana dioica (marsh valerian)	
Trisetum flavescens (yellow oat grass)		Juncus conglomeratus (compact rush)		Valeriana officinalis (common valerian)	
Achillea millefolium (yarrow)	F	Juncus effusus (soft rush)	F	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)	O
Ajuga reptans (bugle)		Juncus subnodulosus (blunt-flowered rush)		Vicia sativa (common vetch)	
Alchemilla filicalis (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 (garsons)		Lathyrus nissolia (grass vetchling)		Viola reichenbachiana (pale dog-violet)	
Anemone nemorosa (wood anemone)		Lathyrus pratensis (meadow vetchling)	F	Viola riviniana (common dog violet)	
Angelica sylvestris (wild angelica)		Leontodon autumnalis (autumn hawkbit)	F	Wahlenbergia hederacea (ivy-lvd bl-flower)	
Blackstonia perfoliata (yellow-wort)		Leontodon hispidus (rough hawkbit)		<b>Other species:</b>	
Calluna vulgaris (ling heather)		Leontodon saxatilis (lesser hawkbit)		Epilobium hirta	o
Caltha palustris (marsh marigold)		Leucanthemum vulgare (oxeye daisy)		Filipendula ulmaria	f
Campanula rotundiflora (harebell)		Linum catharticum (fairy flax)			
Campanula trachelium (net-lvd bellflower)		Listera ovata (tway-blade orchid)		<b>Other Species:</b>	
Cardamine pratensis (cuckoo flower)		Lotus corniculatus (birds-foot trefoil)	F	Acer campestre	
Carex caryophyllea (spring sedge)		Lotus uliginosus (greater birds-foot trefoil)	F	Fraxinus excelsior	
Carex disticha (brown sedge)		Luzula campestris (field wood rush)		Populus tremula	
Carex divulsa (grey sedge)		Luzula multiflora (heath wood-rush)		Quercus robur	
Carex echinata (star sedge)	R	Lychnis flos-cuculi (ragged robin)		Crateagus monogyna	
Carex flacca (glaucous sedge)	F	Melampyrum pratense (cow-wheat)		Acer campestre	
Carex nigra (common sedge)	O	Mentha aquatica (water mint)		Quercus petraea	
Carex ovalis (oval sedge)		Mercurialis perennis (dog's-mercury)		Alnus glutinosa	
Carex panicea (carnation sedge)		Myosotis arvensis (field forget-me-not)		Epipactis hebeborine	
Carex pendula (pendulous sedge)		Narcissus pseudonarcissus (wild daffodill)		Urtica dioica	
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)	F	Pilosella officinarum (mse-ear hawkweed)	
Centaurea scabiosa (greater knapweed)		Pimpinella saxifraga (burnet saxifrage)	
Centaurium erythraea (cmmn centuary)		Plantago lanceolata (ribwort plantain)	F
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)	O
Cirsium palustre (marsh thistle)		Potentilla reptans (creeping cinquefoil)	O
Cirsium vulgare (spear thistle)		Potentilla sterilis (barren strawberry)	

**FIELD NUMBER:**

**SITE NAME:** Field 2

**DATE:**

20/08/2012

	D		D		D
Agrostis tenuis (common bent)	F	Conopodium majus (pignut)		Primula veris (cowslip)	
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)	
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)	F
Anthoxanthum odoratum (sweet vnl grass)	F	Daucus carota (wild carrot)		Ranunculus auricomus (gldlcks buttercup)	
Arrhenatherum elatius (false oat grass)	O	Equisetum arvense (field horsetail)	O	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 (cock's foot)	O	Fragaria vesca (wild strawberry)		Sanguisorba minor (salad burnet)	
Danthonia decumbens (heath grass)		Galium odoratum (sweet woodruff)		Scabiosa columbaria (small scabious)	
Deschampsia caespitosa (tftd 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 lanatus (yorkshire fog)	F	Helianthemum nummularium (rock-rose)		Stellaria graminea (lesser stichwort)	
Holcus mollis (creeping soft grass)		Heracleum sphondylium (hogweed)	O	Stellaria holostea (greater stichwort)	
Lolium perenne (perennial rye grass)	F	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)	F
Phalaris arundinacea (reed canary grass)		Hypochoeris radicata (common cats ear)	F	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)	F	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)	O	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)	O
Ajuga reptans (bugle)		Juncus subnodulosus (blunt-flowerd rush)		Vicia sativa (common vetch)	
Alchemilla filicalis (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)	F	Viola riviniana (common dog violet)	
Angelica sylvestris (wild angelica)		Leontodon autumnalis (autumn hawkbit)	F	Wahlenbergia hederacea (ivy-lyd bl-flower)	
Blackstonia perfoliata (yellow-wort)		Leontodon hispidus (rough hawkbit)		<b>Other Species:</b>	
Calluna vulgaris (ling heather)		Leontodon saxatilis (lesser hawkbit)		Juncus bufonius	
Caltha palustris (marsh marigold)		Leucanthemum vulgare (oxeye daisy)	O	Humulus lupulus	O
Campanula rotundiflora (harebell)		Linum catharticum (fairy flax)			
Campanula trachelium (net-lvd bellflower)		Listera ovata (tway-blade orchid)			
Cardamine pratensis (cuckoo flower)		Lotus corniculatus (birds-foot trefoil)			
Carex caryophylla (spring sedge)		Lotus uliginosus (greater birds-foot trefoil)	F		
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)		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)	F	Pilosella officinarum (mse-ear hawkweed)	
Centaurea scabiosa (greater knapweed)		Pimpinella saxifraga (burnet saxifrage)	F
Centaurium erythraea (cmmn centuary)		Plantago lanceolata (ribwort plantain)	F
Cerastium holosteoides(cmn. mouse-ear)		Polygala serpyllifolia (heath milkwort)	
Chrysosplenium oppositifolium (op.l.gsxfg)		Polygala vulgaris (common milkwort)	
Cirsium arvense (creeping thistle)	O	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)	

## FIELD NUMBER:

SITE NAME: field 3

DATE:

20/08/2012

	D		D	D
Agrostis tenuis (common bent)	f	Conopodium majus (pignut)		Primula veris (cowslip)
Agrostis stolonifera (creeping bent)	o	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 (gldclks 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)
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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 (cock's foot)		Fragaria vesca (wild strawberry)		Sanguisorba minor (salad burnet)
Danthonia decumbens (heath grass)		Galium odoratum (sweet woodruff)		Scabiosa columbaria (small scabious)
Deschampsia caespitosa (tftd hair grass)		Galium palustre (marsh-bedstraw)	f	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 lanatus (yorkshire fog)	A	Helianthemum nummularium (rock-rose)		Stellaria graminea (lesser stichwort)
Holcus mollis (creeping soft grass)	O	Heracleum sphondylium (hogweed)		Stellaria holostea (greater stichwort)
Lolium perenne (perennial rye grass)	o	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 John's-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)	O	Valeriana dioica (marsh valerian)
Trisetum flavescens (yellow oat grass)		Juncus conglomeratus (compact rush)	o	Valeriana officinalis (common valerian)
Achillea millefolium (yarrow)		Juncus effusus (soft rush)	f	Veronica beccabunga (brooklime)
Achillea ptarmica (sneezewort)		Juncus inflexus (hard rush)	F	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 filicalis (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)	o	Leontodon autumnalis (autumn hawkbit)		Wahlenbergia hederacea (ivy-lvd bl-flower)
Blackstonia perfoliata (yellow-wort)		Leontodon hispidus (rough hawkbit)		<b>Other Species:</b>
Calluna vulgaris (ling heather)		Leontodon saxatilis (lesser hawkbit)		Juncus bufonius
Caltha palustris (marsh marigold)		Leucanthemum vulgare (oxeye daisy)		Trifolium dubium
Campanula rotundiflora (harebell)		Linum catharticum (fairy flax)		Convolvulus arvensis
Campanula trachelium (net-lvd bellflower)		Listera ovata (tway-blade orchid)		
Cardamine pratensis (cuckoo flower)		Lotus corniculatus (birds-foot trefoil)	F	
Carex caryophylla (spring sedge)		Lotus uliginosus (greater birds-foot trefoil)	A	
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)	F	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)		Odonites verna		
Carex riparia (greater pond-sedge)		Ononis repens (common restharrow)		
Carex hirta	o	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)	F	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)	O	Polygala serpyllifolia (heath milkwort)	
Chrysosplenium oppositifolium (op.l.gsxfg)		Polygala vulgaris (common milkwort)	
Cirsium arvense (creeping thistle)	LA	Potentilla anserina (silverweed)	
Cirsium dissectum (meadow thistle)		Potentilla erecta (tormentil)	
Cirsium palustre (marsh thistle)		Potentilla reptans (creeping cinquefoil)	O
Cirsium vulgare (spear thistle)		Potentilla sterilis (barren strawberry)	

### 'Wilderness triangle'

#### Trees and shrubs

Field maple – *Acer campestre*

Birch – *Betula* sp.

Hazel – *Corylus avellana*

Hawthorn – *Crateagus monogyna*

Wild cherry – *Prunus avium*

Blackthorn – *Prunus spinosa*

Douglas fir – *Pseudotsuga menziesii*

Oak species – *Quercus* sp.

Bramble – *Rubus fruticosus*

#### Grasses

Common bent grass – *Agrostis capillaris*

Cock's foot – *Dactylis glomerata*

Yorkshire fog – *Holcus lanatus*

#### Other flowering plants

Field bindweed – *Convolvulus arvensis*

Greater willowherb – *Epilobium hirsutum*

Dyers Greenweed – *Genista tinctoria*

Hogweed – *Heraclium sphondylium*

Perforated St Johns wort – *Hypericum perforatum*

Meadow vetchling – *Lathyrus pratensis*

Greater Birds foot trefoil – *Lotus pedunculatus*

Red bartsia – *Odonites vernus*

Common fleabane – *Pulicaria dysenterica*

Creeping buttercup – *Ranunculus repens*

Autumn hawks bit – *Scorzoneroides autumnalis*

Upright hedge parsley - *Torolis japonica*

Nettle - *Urtica dioica*