

Gwent Wildlife Site/SINC Notification Form (WS/ST49/49)

SITE SUMMARY

SITE NAME: **Springdale Farm**

GRID REF: **S T 4 0 7 9 9 4**

SURVEYOR(S): **Form completed by Nicola Stone, 2011**

SIZE (approx.): **47.5ha**

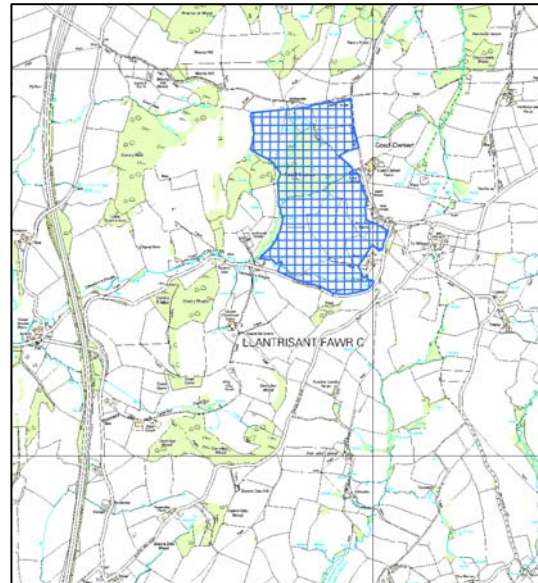
DATE OF SURVEY: **Completed using GWT site survey records**

HEIGHT IN M: **70-132m**

LOCAL AUTHORITY AREA: **Monmouthshire**

SKETCH MAP OF SITES LOCATION:

WARD: **Usk**



MAIN HABITAT TYPES PRESENT:

Habitat types	NVC type	Area (ha)
Neutral unimproved grassland	MG5a	14.5
Woodland	W8b	6.6
SI neutral grassland	MG5/6	25
Acidic grassland flushes	-	1.4

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LBAP PRIORITY HABITATS/SPECIES PRESENT?

Species-rich Grassland

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

Springdale Farm are owned and managed by Gwent Wildlife Trust as one of its Nature Reserves. The site is situated to the east of Usk, and is surrounded by farmland. Parts of the site slope steeply and there are excellent views of the Usk valley, Wentwood and the Brecon Beacons. The northern and eastern boundaries are defined, in the main, by hedged lanes. The western boundary borders other sheep grazed pasture and woodland, while the southern boundary is demarked by a stream running in a westerly direction along the valley.

Springdale Farm was acquired by the Gwent Wildlife Trust in 2001, and was previously run as two separate farms. It is now run by tenants as a certified organic farm. There are a variety of habitats present, including grazed pasture, hay meadows, ancient semi-natural woodland and hedgerows. Fauna include a reported large adder population.

Predominantly, the site lies on red sandstone, but there are bands of limestone crossing the site, giving locally basic conditions, and allowing a large population of dyers greenweed to flourish. The springs that give rise to wet flushes are acidic in nature and flow into the stream that runs along the western boundary.

The richest areas of the site, in terms of biodiversity, are the hay meadows to the north east, which are characteristic of unimproved grassland, and the woodland in the centre of the site, which supports a very diverse ground flora. Also of note are the presence of blue eyed grass – thought to be the only record in mainland Britain, and the rare goldilocks buttercup.

IMPORTANT NOTE: This form has been drawn up using the GWT Acquisition Surveys (S Rogers, 2001) for the woodland, and information inferred from the GWT Springdale Farm Management Plan (L Maclean, 2004). Species lists therefore use presence rather than DAFOR, and it should especially be noted that the species lists relating to Neutral unimproved grassland, SI grassland and acid grassland flushes are of indicator species only.

Official Use Only: Site selected as a Wildlife Site/SINC? YES NO Date: 2/2/2012

DETAILED SITE INFORMATION

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

HELD BY GWT

Is/are the owner(s) i) aware of the site's nature conservation value? Yes No
ii) managing the land sympathetically? Yes No
iii) willing to manage the land sympathetically? Yes No Unknown

Describe the access to the site:

The main entrance to the reserve is at the south east corner, but there are paths running throughout a some public rights of way that cross the site. The site is open to the public all year round.

Are there any public rights of way on the site? Yes No
If so please describe their location:

Shown on map

What is the current management at the site?
Run as working organic farm, aiming to protect and enhance biodiversity. Part grazed, part hay meadow, plus scrub and woodland management.

Are there any threats to the site?
Bracken and scrub encroachment

Are there any invasive species present?
Japanese knotweed

Are there any protected species present?
Possibility of dormouse, but unconfirmed

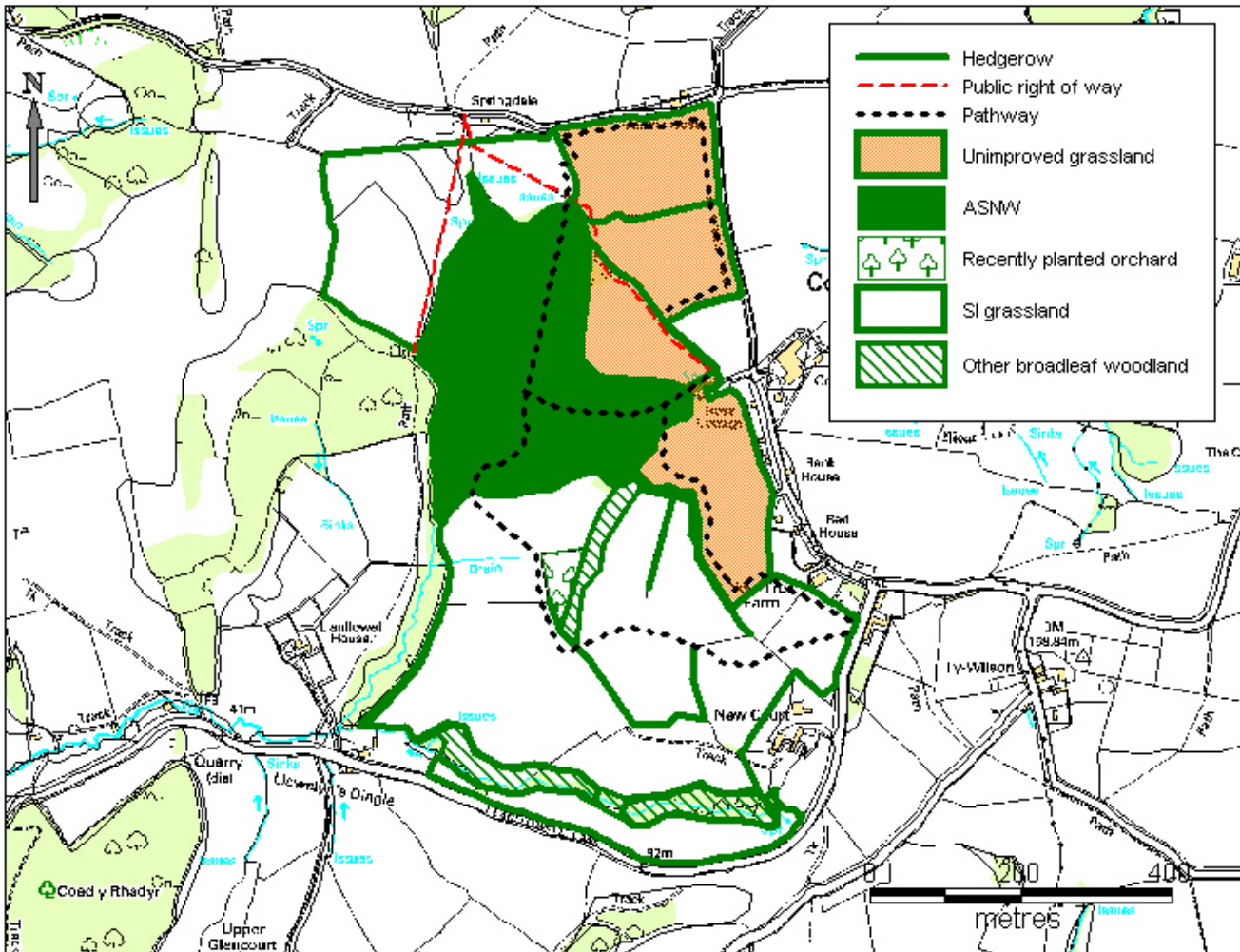
Please state the section(s) of the Wildlife Sites Guidance that this site qualifies under:

H1 woodlands – showing at least 24 indicator species
H4 neutral grassland – showing at least 10 indicator species
S7 vascular plants – supporting RDB species *Sisyrinchium bermudiana* (Blue eyed grass)
Supporting feature - H7 marshy grassland – 7 indicator species

Is the site part of any grant schemes? **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):



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

Refer to SEWBReC data and GWT records – including Acquisition Surveys (2001), Management Plan (2004), Invertebrate surveys (2006), Nest box recording data (from ~2007 to present).

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

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

Carex sylvatica (wood sedge)		Mentha aquatica (water mint)		Marbled white butterfly	
Centaurea nigra (common knapweed)	p	Mercurialis perennis (dog's-mercury)			
SITE NAME: Springdale Farm					
WOODLAND SPECIES					
FIELD NUMBER: ASNW	D		D		D
Acer campestre (field maple)	p	Campanula trachelium(ntl-lyd bellflower)		Scrophularia nodosa (figwort)	p
Acer pseudoplananus (sycamore)		Corydalis claviculata (climbing corydalis)		Silene dioica (red campion)	
Aesculus hippocastanum (horse chestnut)		Danthonia decumbens (heath grass)		Stachys sylvatica (hedge woundwort)	
Alnus glutinosa (alder)		Daphne laureola (spurge laurel)		Stellaria holostea (greater stichwort)	p
Betula pendula (silver birch)	p	Daphne mezereum (mezeron)		Stellaria neglecta (greater chickweed)	
Castanea sativa (sweet chestnut)		Deschampsia caespitosa (tftd hair grass)		Stellaria nemorum (wood stichwort)	
Corylus avellana (hazel)	p	Deschampsia flexuosa (wavy hair grass)		Taraxacum officinale (dandelion)	
Craetagus monogyna (hawthorn)	p	Dryopteris aemula(hay-scented bcklr fern)		Valeriana dioica (marsh valerian)	
Fagus sylvatica (beech)	p	Dryopteris affinis (scaly male fern)		Valeriana officinalis (common valerian)	
Fraxinus excelsior (ash)	p	Elymus caninus (bearded couch-grass)		Veronica beccabunga (brooklime)	
Larix decidua (larch)		Epipactis helleborine(b-leaved helleborine)		Veronica chamaedrys (gemdr. speedwell)	p
Malus sylvestris (crab apple)	p	Equisetum sylvaticum (wood horsetail)		Veronica hederacea (ivy leaved speedwell)	
Pinus sylvestris (Scots Pine)		Euonymus europaeus (spindle)		Veronica montana (wood speedwell)	p
Populus tremula (aspen)		Euphorbia amygdaloides (wood spurge)		Vicia sylvatica (wood vetch)	
Prunus avium (wild cherry)	p	Festuca gigantea (giant fescue)		Viola reichenbachiana (pale dog violet)	
Prunus padus (bird cherry)		Filipendula ulmaria (meadowsweet)		Viola riviniana (common dog violet)	p
Prunus spinosa (blackthorn)	p	Fragaria vesca (wild strawberry)		<u>Other species:</u>	
Quercus petraea (sessile oak)		Frangula alnus (alder buckthorn)		Sambucus nigra	p
Quercus robur (pendunculate oak)	p	Galium aparine (cleaver)	p	Dryopteris felix-mas	p
Rhamnus catharticus (buckthorn)		Galium odoratum (sweet woodruff)	p	Pteridium aquilinum	p
Sorbus aria (whitebeam)		Geranium robertianum (herb robert)	p	Circaea lutetiana	p
Sorbus aucuparia (rowan)		Geum rivale (water avens)		Rumex obtusifolius	p
Sorbus torminalis (wild service)		Glechoma hederacea (ground ivy)	p	Ajuga reptans	p
Taxus baccata (yew)		Gymnocarpium dryopteris (oak fern)		Silene dioica	p
Tilia cordata (small-leaved lime)		Hieracium sphondylium (hogweed)		Geum urbanum	p
Ulmus glabra (wych elm)		Holcus lanatus (yorkshire fog)		Artium minus	p
		Holcus mollis (creeping soft grass)		Calystegia sepium	p
Euonymus europaeus (spindle)		Hyacinthoides non-scripta (bluebell)	p	Primula vulgaris	p
Ilex aquifolium (holly)	p	Hypericum androsaemum (tutsan)	p	Cardamine amara	p
Lonicera periclymenum (honeysuckle)	p	Hedera helix (ivy)	p	Ranunculus repens	p
Pteridium aquilinum (bracken)		Iris foetidissima (stinking iris)		Luzula campestris	p
Ribes rubrum (redcurrant)		Lamium galeobdolon (yellw archangel)	p	Vicia sepium	p
Rosa arvensis (field rose)		Lathraea squamaria (toothwort)		Ranunculus auricomus	p
Rosa canina (dog rose)	p	Listera ovata (tway-blade orchid)	p	Betonia officinalis	p
Rubus fruticosus (bramble)	p	Luzula forsteri (southern woodrush)			
Thelycrania sanguinea (dogwood)		Luzula pilosa (hairy woodrush)			
Vaccinium myrtillus (bilberry)		Luzula sylvatica (great woodrush)			
Viburnum opulus (guelder rose)	p	Lysimachia nemorum (yellow pimpernel)	p		
Visum album (mistletoe)		Melampyrum pratense (cmn cow-wheat)			
		Melica uniflora (wood mellick)			
Adoxa moschatellina (moshatel)	p	Melittis melissophyllum (bastard balm)			
Aegopodium podararia (ground elder)		Mercurialis perennis (dog's mercury)	p		
Aira praecox (early hair-grass)		Milium effusum (wood millet)			
Alliaria petiolata (garlic mustard)		Moehringia trinervium (3-nerved sandwort)			
Allium ursinum (ramsons)	p	Narcissus pseudonarcissus (wild daffodill)			
Anemone nemorosa (wood anemone)	p	Neottia nidus-avis (bird's nest orchid)			
Angelica sylvestris (wild angelica)		Nettle (Urtica dioica)			
Anthoxanthum odoratum(sweet vnl grass)		Oenanthe crocata (hmlck water-dropwort)		F	
Anthriscus sylvestris (cow parsley)		Orchis mascula (early purple-orchid)	p		
Aquilegia vulgaris (columbine)		Oxalis acetosella (wood sorrel)	p		
Arum maculatum (lords and ladies)	p	Paris quadrifolia (herb-Paris)			
Asplenium scolopendrium (hartstnge fern)		Plantago lanceolata (ribwort plantain)			
Blechnum spicant (hard fern)	p	Platanthera chlorantha (g butterfly orchid)			
Bromus ramosus (hairy brome)		Poa nemoralis (wood meadow grass)			
Cardamine pratensis (cuckoo flower)	p	Polygonatum multiflorum (solomon's seal)			
Carex laevigata (smooth-stalked sedge)		Polystichum aculeatum (hard shield fern)			
Carex pallescens (pale sedge)		Polystichum setiferum (soft shield fern)			
Carex pendula (pendulous sedge)		Potentilla anserina (silverweed)			
Carex remota (distant sedge)		Potentilla erecta (tormentil)			
Carex strigosa (thin-spiked wood-sedge)		Potentilla reptans (creeping cinquefoil)			
Carex sylvatica (wood sedge)		Potentilla sterilis (barren strawberry)			
Chrysosplenium alternifolium(a-lvd gs)		Ranunculus ficaria (lesser celandine)	p		
Chrysosplenium oppositifolium(ot-lvd gs)	p	Rumex acetosa (common sorrel)			

Conopodium majus (pignut)	p	Sanicula europaea (sanicle)	p	
Convallaria majalis (lily-of-the-valley)		Scirpus sylvaticus (wood club-rush)		

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

Carex sylvatica (wood sedge)		Mentha aquatica (water mint)		
Centaurea nigra (common knapweed)	p	Mercurialis perennis (dog's-mercury)		
SITE NAME: Springdale Farm		GRASSLAND SPECIES		
FIELD NUMBER:				
Acid grassland flushes				
Agrostis capillaris (common bent)		Centaurea scabiosa (greater knapweed)	Myosotis arvensis (field forget-me-not)	
Agrostis stolonifera (creeping bent)		Centaureum erythraea (cmmn centuary)	Narcissus pseudonarcissus (wild daffodill)	
Aira praecox (early hair-grass)		Cerastium holosteoides (cmn. mouse-ear)	Oenanthe crocata (hmlck water-dropwort)	
Alopecurus geniculatus (marsh foxtail)		Chrysosplenium oppositifolium (op.l.gsxfg)	Ononis repens (common restharrow)	
Alopecurus pratensis (meadow foxtail)		Cirsium arvense (creeping thistle)	Ophrys apifera (bee orchid)	
Anthoxanthum odoratum (sweet vnl grass)		Cirsium dissectum (meadow thistle)	Orchis mascula (early purple orchid)	
Arrhenatherum elatius (false oat grass)		Cirsium palustre (marsh thistle)	Orchis morio (green-winged orchid)	
Brachypodium pinnatum (tor grass)		Cirsium vulgare (spear thistle)	Pilosella officinarum (mse-ear hawkweed)	
Briza media (quaking grass)		Conopodium majus (pignut)	Pimpinella saxifraga (burnet saxifrage)	
Bromopsis erecta (upright brome)		Crepis capillaris (smooth hawks-beard)	Plantago lanceolata (ribwort plantain)	
Bromus commutatus (meadow brome)		Crepis biennis (rough hawks-beard)	Polygala serpyllifolia (heath milkwort)	
Bromus racemosus (smooth brome)		Dactylorhiza fuchsii (c. spotted orchid)	Polygala vulgaris (common milkwort)	
Cynosurus cristatus (crested dog's tail)		Dactylorhiza praetermissa (s.msh orchid)	Potentilla anserina (silverweed)	
Dactylis glomerata (cocks foot)		Daucus carota (wild carrot)	Potentilla erecta (tormentil)	p
Danthonia decumbens (heath grass)		Equisetum arvense (field horsetail)	Potentilla reptans (creeping cinquefoil)	
Deschampsia caespitosa (tftd hair grass)		Erica cinerea (bell-heather)	Potentilla sterilis (barren strawberry)	
Deschampsia flexuosa (wavy hair-grass)		Erica tetralix (cross-leaved heath)	Primula veris (cowslip)	
Eriophorum angustifolium (cmn cttng grass)		Eupatorium cannabinum (hemp-agrimony)	Prunella vulgaris (self-heal)	
Festuca ovina (sheep's fescue)		Euphorbia amygdaloides (wood spurge)	Pteridium aquilinum (bracken)	
Festuca rubra (red fescue)		Euphrasia officinalis agg. (eyebright)	Pulicaria dysenterica (fleabane)	p
Glyceria fluitans (floating sweet-grass)		Filipendula ulmaria (meadowsweet)	Ranunculus acris (meadow buttercup)	p
Helictotrichon pratense (mdw oat-grass)		Fragaria vesca (wild strawberry)	Ranunculus auricomus (gldlcks buttercup)	
Holcus lunatus (yorkshire fog)		Galium odoratum (sweet woodruff)	Ranunculus bulbosus (bulbous buttercup)	
Holcus mollis (creeping soft grass)		Galium palustre (marsh-bedstraw)	Ranunculus flammula (lesser spearwort)	
Lolium perenne (perennial rye grass)		Galium saxatile (heath bedstraw)	Ranunculus repens (creeping buttercup)	
Milium effusum (wood millet)		Galium verum (lady's bedstraw)	Rhinanthus minor (yellow rattle)	
Melica uniflora (wood mellick)		Genista tinctoria (dyers greenweed)	Rubus fruticosus (bramble)	
Molinia caerulea (purple moor-grass)		Geranium pratense (meadow cranes bill)	Rumex acetosa (common sorrel)	
Nardus stricta (mat grass)		Geranium robertianum (herb robert)	Rumex acetosella (sheeps sorrel)	
Phalaris arundinacea (reed canary grass)		Glechoma hederacea (ground ivy)	Sanguisorba minor (salad burnet)	
Phleum pratense (timothy grass)		Helianthemum nummularium (rock-rose)	Scabiosa columbaria (small scabious)	
Poa annua (annual meadow grass)		Heracleum sphondylium (hogweed)	Scrophularia nodosa (figwort)	
Poa trivialis (rough meadow grass)		Hyacinthoides non-scripta (bluebell)	Senecio aquaticus (marsh ragwort)	
Trisetum flavescens (yellow oat grass)		Hypericum maculatum (imp St Johns-Wort)	Senecio jacobea (ragwort)	
Achillea millefolium (yarrow)		Hypericum perforatum (pf St Johns-Wort)	Silium silaus (pepper-saxifrage)	
Achillea ptarmica (sneezewort)		Hypericum tetrapterum (sq.sd St]ns-Wort)	Stachys officinalis (betony)	
Agrimonia eupatoria (agrimony)		Hypochoeris glabra (smooth cats ear)	Stachys palustris (marsh woundwort)	
Ajuga reptans (bugle)		Hypochoeris radicata (common cats ear)	Stachys sylvatica (hedge woundwort)	
Alchemilla filicaulis (Lady's mantle)		Jasione montana (sheep's bit)	Stellaria graminea (lesser stichwort)	
Alliaria petiolata (garlic mustard)		Juncus acutiflorus (sharp-flowered rush)	Stellaria holostea (greater stichwort)	
Allium ursinum (ramsons)		Juncus articulatus (jointed rush)	Succisa pratensis (devils bit-scabious)	
Anemone nemorosa (wood anemone)		Juncus conglomeratus (compact rush)	Taraxacum officianle (dandelion)	p
Angelica sylvestris (wild angelica)		Juncus effusus (soft rush)	Thymus polytrichus (wild thyme)	p
Blackstonia perfoliata (yellow-wort)		Juncus inflexus (hard rush)	Trifolium medium (zig zag clover)	p
Calluna vulgaris (ling heather)		Juncus squarrosus (heath rush)	Trifolium pratense (red clover)	
Caltha palustris (marsh marigold)		Juncus subnodulosus (blunt-flowerd rush)	Trifolium repens (white clover)	
Campanula rotundiflora (harebell)		Knautia arvensis (field scabious)	Tragopogon pratensis (goat's-beard)	
Campanula trachelium (net-lvd bellflower)		Lamiaeum galeobdolon (yellow archangel)	Vaccinium myrtillus (bilberry)	
Cardamine pratensis (cuckoo flower)	p	Lathyrus nissolia (grass vetchling)	Valeriana dioica (marsh valerian)	
Carex caryophylla (spring sedge)		Lathyrus pratensis (meadow vetchling)	Valeriana officinalis (common valerian)	
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Carex flacca (glaucous sedge)	p	Leucanthemum vulgare (oxeye daisy)	Vicia sativa (common vetch)	
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Carex riparia (greater pond-sedge)		Luzula multiflora (heath wood-rush)		
Carex rostrata (bottle sedge)		Lychnis flos-cuculi (ragged robin)		p
Carex spicata (spiked sedge)		Melampyrum pratense (cow-wheat)	Other species:	
			Sisyrinchium bermudiana (Blue eyed grass)	p

Carex sylvatica (wood sedge)		Mentha aquatica (water mint)		
Centaurea nigra (common knapweed)		Mercurialis perennis (dog's-mercury)		