

Gwent Wildlife Site/SINC Notification Form

SITE SUMMARY

SITE NAME: Ar-y-nant Meadow, Glascoed

GRID REF: S O 3 3 4 0 1 6

SURVEYOR(S): Andv Karran

SIZE (approx.): 0.53ha

DATE OF SURVEY: 10/06/13

LOCAL AUTHORITY AREA: Monmouthshire

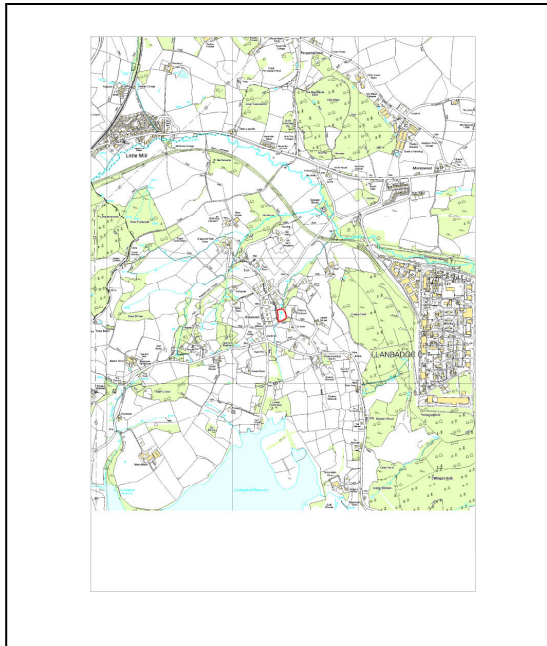
WARD: Llanbadoc

MAIN HABITAT TYPES PRESENT:

Habitat types	NVC type	Area (ha)
Species Rich Grassland		

LBAP PRIORITY HABITATS/SPECIES PRESENT?

SKETCH MAP OF SITES LOCATION:



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

This site comprises two small fields that are surrounded by tree lines/woodland. The two fields are not fenced off from each other but are divided by a small stream that runs south to north and a scattered tree line (Hazel (*Corylus avellana*), Silver Birch (*Betula pendula*) and Pedunculate Oak (*Quercus robur*) that runs along the watercourse. Both fields slope downwards towards the stream that runs through the centre, the slope being steepest in closest proximity to the stream. Field 1 (the most westerly) is dominated by buttercups in its most westerly section but becomes increasingly species rich towards the stream. Field 2 (the most easterly) is not particularly species rich at its southern end but has a diverse flora present over the majority of the field, this is particularly rich in the north-west corner of this field, in proximity to the stream. Pignut (*Conopodium majus*), Birdsfoot Trefoil (*Lotus corniculatus*) and Betony (*Stachys officinalis*) are particularly noticeable indicator species present. The presence of both Common Spotted Orchid (*Dactylorhiza fuchsii*) and Early Purple Orchid (*Orchis mascula*) are also good indicators of value. A nice old specimen of Field Maple (*Acer campestre*) is present in Field 2 also. The grasslands is generally considered to be Neutral but the presence of Quaking Grass (*Briza media*) and Yellow-Oat Grass (*Trisetum flavescens*) together with a number of herbs may indicate a calcareous element in places. A geological SSSI forms the western boundary.

Neutral Grassland: Field 1 - 16 indicator species.
Field 2 - 20 indicator species

Official Use Only: Site selected as a Wildlife Site/SINC? YES NO Date: 22/10/13

DETAILED SITE INFORMATION

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

Name(s)			
Addresses			
Tel.no.		Mobile:	

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

Date	Contact	Discussion subjects/decisions made

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

Was accessed through gate to the rear of the garden at Ar-y-nant.

Are there any public rights of way on the site?

No

If so please describe their location:

N/A

What is the current management at the site?

Grazed by Alpacas for part of year.

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.

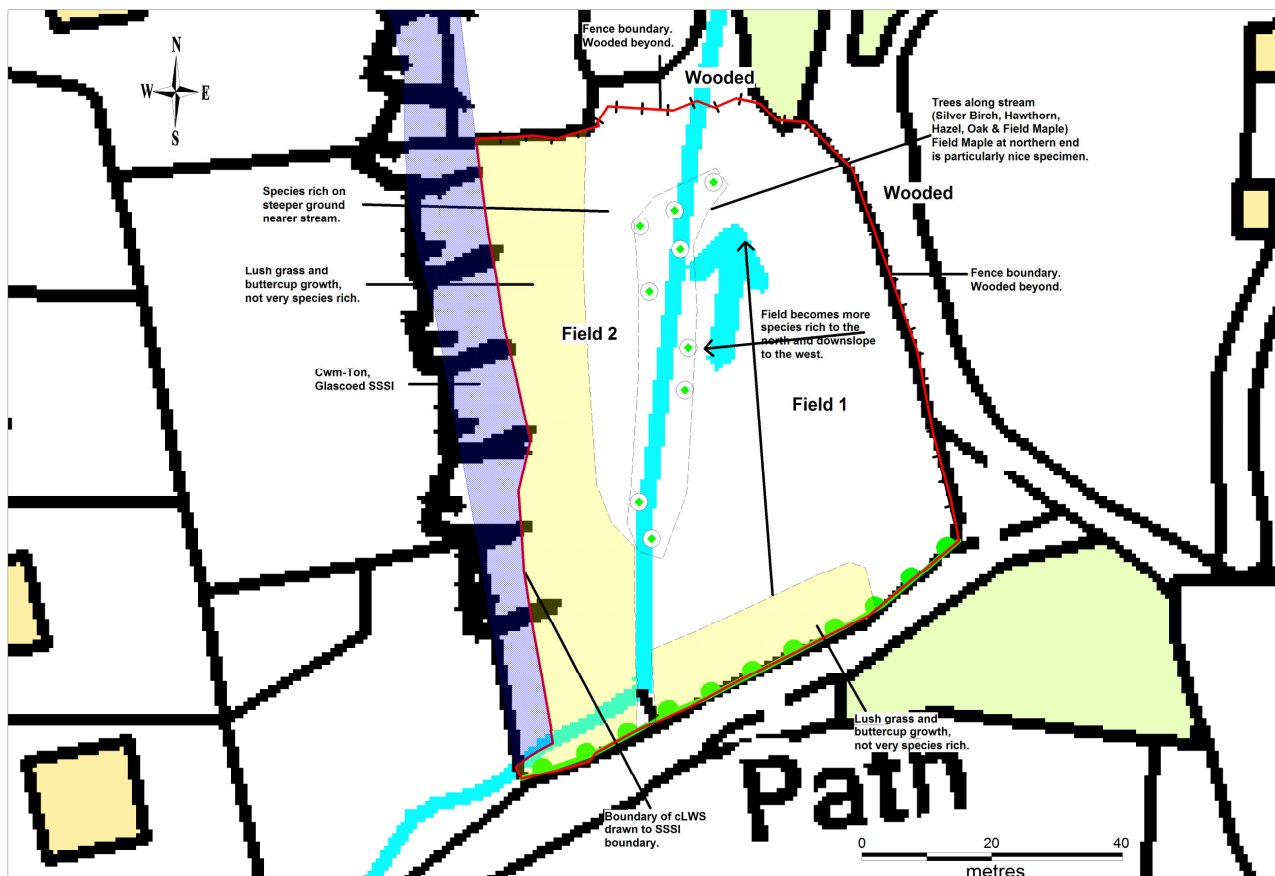
Please state the section(s) of the Wildlife Sites Guidance that this site qualifies under:

H4) Neutral Grasslands - over 8 indicator species

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



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Please list all additional survey information both past and present that relates to this site:
CCW Phase 1, 1991.

OFFICE USE ONLY

Site no.: WS/SO30/26

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: Ar-y-Nant Meadows

FIELD NUMBER:

1

DATE:

10/06/2013

	D		D		D
Agrostis tenuis (common bent)		Conopodium majus (pignut)	VL	Primula veris (cowslip)	O
Agrostis stolonifera (creeping bent)		Crepis capillaris (smooth hawks-beard)		Prunella vulgaris (self-heal)	
Aira praecox (early hair-grass)		Crepis biennis (rough hawks-beard)		Pteridium aquilinum (bracken)	
Alopecurus geniculatus (marsh foxtail)		Dactylorhiza fuchsii (c. spotted orchid)	VL	Pulicaria dysenterica (fleabane)	
Alopecurus pratensis (meadow foxtail)	O	Dactylorhiza praetermissa (s.msh orchid)		Ranunculus acris (meadow buttercup)	A
Anthoxanthum odoratum (sweet vnl grass)	LF	Daucus carota (wild carrot)		<u>Ranunculus auricomus (gldlcks buttercup)</u>	
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)	R	Erica tetralix (cross-leaved heath)		Ranunculus repens (creeping buttercup)	F
<u>Bromopsis erecta (upright brome)</u>		Eupatorium cannabinum (hemp-agrimony)		Rhinanthus minor (yellow rattle)	R
Bromus commutatus (meadow brome)		Euphorbia amygdaloides (wood spurge)		Rubus fruticosus (bramble)	
Bromus racemosus (smooth brome)		Euphrasia officinalis agg. (eyebright)		Rumex acetosa (common sorrel)	O
Cynosurus cristatus (crested dog's tail)	VO	Filipendula ulmaria (meadowsweet)		Rumex obtusifolius (Broad-leaved Dock)	O/VLF
Dactylis glomerata (cock's foot)		Fragaria vesca (wild strawberry)	VLF	Sanguisorba minor (salad burnet)	
Danthonia decumbens (heath grass)		Galium odoratum (sweet woodruff)		Scabiosa columbaria (small scabious)	
Deschampsia caespitosa (ftfd 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 cottongrass)		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)	VLF	Stachys sylvatica (hedge woundwort)	
Holcus lanatus (yorkshire fog)	O	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)		Hyacinthoides non-scripta (bluebell)	VL	Succisa pratensis (devils bit-scabious)	
Milium effusum (wood millet)		Hypericum maculatum (imp St Johns-Wort)		Taraxacum officinale (dandelion)	VO
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)	R
Nardus stricta (mat grass)		Hypochaeris glabra (smooth cats ear)		Trifolium pratense (red clover)	O
Phalaris arundinacea (reed canary grass)		Hypochaeris radicata (common cats ear)	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)		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)	LA	Juncus effusus (soft rush)		Veronica beccabunga (brooklime)	VL
Achillea ptarmica (sneezewort)		Juncus inflexus (hard rush)		Veronica chamaedrys (gemdr. speedwell)	O
Agrimonia eupatoria (agrimony)		Juncus squarrosus (heath rush)		Vicia cracca (tufted vetch)	
Ajuga reptans (bugle)	VL	Juncus subnodulosus (blunt-flowerd rush)		Vicia sativa (common vetch)	
Alchemilla filicaulis (lady's mantle)		Knautia arvensis (field scabious)		Vicia sepium (bush vetch)	
Alliaria petiolata (garlic mustard)		Lamium galeobdolon (yellow archangel)		Viola canina (heath dog-violet)	
Allium ursinum (ramsons)		Lathyrus nissolia (grass vetchling)		Viola reichenbachiana (Early dog-violet)	
Anemone nemorosa (wood anemone)		Lathyrus pratensis (meadow vetchling)	VLF	Viola riviniana (common dog violet)	VL
Angelica sylvestris (wild angelica)		Leontodon autumnalis (autumn hawkbit)		Wahlenbergia hederacea (ivy-lvd bl-flower)	
Blackstonia perfoliata (yellow-wort)		Leontodon hispidus (rough hawkbit)	R		
Calluna vulgaris (ling heather)		Leontodon saxatilis (lesser hawkbit)		Other Species:	
Caltha palustris (marsh marigold)		Leucanthemum vulgare (oxeye daisy)		Urtica dioica (Stinging Nettle)	O
Campanula rotundiflora (harebell)		Linum catharticum (fairly flax)		Apium nodiflorum (Fool's Watercress)	VL
Campanula trachelium (net-lvd bellflower)		Listera ovata (tway-blade orchid)		Crataegus monogyna (Hawthorn)	VL
Cardamine pratensis (cuckoo flower)	VO	Lotus corniculatus (birds-foot trefoil)		Fraxinus sylvatica (Ash)	R
Carex caryophylla (spring sedge)		Lotus uliginosus (greater birds-foot trefoil)		Veronica serpyllifolia (Thyme-leaved Speedwell)	VO
Carex disticha (brown sedge)		Luzula campestris (field wood rush)	VLF	Aegopodium podagraria (Ground Elder)	VL
Carex divulsa (grey sedge)		Luzula multiflora (heath wood-rush)	R	Bellis perennis (Daisy)	R
Carex obtusa (false fox sedge)		Lychnis flos-cuculi (ragged robin)		Scrophularia auriculata (Water Figwort)	VL
Carex flacca (glaucous sedge)	VLF	Melampyrum pratense (cow-wheat)			
Carex nigra (common sedge)		Mentha aquatica (water mint)	O/VLF		
Carex ovalis (oval sedge)		Mercurialis perennis (dog's-mercury)			
Carex panicea (carnation sedge)		Myosotis arvensis (field forget-me-not)	VO		
Carex pseudocyperus (cyperus sedge)		Narcissus pseudonarcissus (wild daffodill)			
Carex remota (distant sedge)		Oenanthe crocata (Hemlock water dropwort).	O		
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)	R	Orchis morio (green-winged orchid)			

Centaurea nigra (common knapweed)	VO	Pilosella officinarum (msc-ear hawkweed)	
Centaurea scabiosa (greater knapweed)		Pimpinella saxifraga (burnet saxifrage)	
Centaureum erythraea (common centaury)		Plantago lanceolata (ribwort plantain)	VL
Cerastium holosteoides (common mouse-ear)	LF	Polygala serpyllifolia (heath milkwort)	
Chrysosplenium oppositifolium (op. l. gsxfg)		Polygala vulgaris (common milkwort)	
Cirsium arvense (creeping thistle)		Potentilla anserina (silverweed)	
Cirsium dissectum (meadow thistle)		Potentilla erecta (tormentil)	
Cirsium palustre (marsh thistle)		Potentilla reptans (creeping cinquefoil)	VO
Cirsium vulgare (spear thistle)		Potentilla sterilis (barren strawberry)	

SITE NAME: Ar-y-Nant Meadows

FIELD NUMBER: 2

DATE:

10/06/2013

	D		D		D
Agrostis tenuis (common bent)		Conopodium majus (pignut)	F/LA	Primula veris (cowslip)	O/VLF
Agrostis stolonifera (creeping bent)		Crepis capillaris (smooth hawk's-beard)		Prunella vulgaris (self-heal)	LF
Aira praecox (early hair-grass)		Crepis biennis (rough hawk's-beard)		Pteridium aquilinum (bracken)	R
Alopecurus geniculatus (marsh foxtail)		Dactylorhiza fuchsii (c. spotted orchid)	O	Pulicaria dysenterica (fleabane)	
Alopecurus pratensis (meadow foxtail)	O/VLF	Dactylorhiza praetermissa (s.msh orchid)		Ranunculus acris (meadow buttercup)	
Anthoxanthum odoratum (sweet vnl grass)	F	Daucus carota (wild carrot)		Ranunculus auricomus (goldlocks buttercup)	
Arrhenatherum elatius (false oat grass)	VL	Equisetum arvense (field horsetail)		Ranunculus bulbosus (bulbous buttercup)	
Brachypodium pinnatum (tor grass)		Erica cinerea (bell-heather)		Ranunculus flammula (lesser spearwort)	
Briza media (quaking grass)	VL	Erica tetralix (cross-leaved heath)		Ranunculus repens (creeping buttercup)	
Bromopsis erecta (upright brome)		Eupatorium cannabinum (hemp-agrimony)		Rhinanthus minor (yellow rattle)	VLF
Bromus commutatus (meadow brome)		Euphorbia amygdaloides (wood spurge)		Rubus fruticosus (bramble)	
Bromus racemosus (smooth brome)		Euphrasia officinalis agg. (eyebright)		Rumex acetosa (common sorrel)	VLF
Cynosurus cristatus (crested dog's tail)	O	Filipendula ulmaria (meadowsweet)		Rumex obtusifolius (Broad-leaved Dock)	
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 (tufted 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 (common cottongrass)		Galium verum (lady's bedstraw)		Senecio jacobea (ragwort)	R
Festuca ovina (sheep's fescue)		Genista tinctoria (dyers greenweed)		Silaum silaus (pepper-saxifrage)	
Festuca rubra (red fescue)	O	Geranium pratense (meadow cranes bill)		Stachys officinalis (betony)	LF/VLA
Glyceria fluitans (floating sweet-grass)		Geranium robertianum (herb robert)	R	Stachys palustris (marsh woundwort)	
Helictotrichon pratense (mdw oat-grass)		Glechoma hederacea (ground ivy)		Stachys sylvatica (hedge woundwort)	
Holcus lanatus (yorkshire fog)	O/VLF	Helianthemum nummularium (rock-rose)		Stellaria graminea (lesser stichwort)	
Holcus mollis (creeping soft grass)		Heraclium sphondylium (hogweed)		Stellaria holostea (greater stichwort)	
Lolium perenne (perennial rye grass)		Hyacinthoides non-scripta (bluebell)	VO	Succisa pratensis (devils bit-scabious)	VLF
Milium effusum (wood millet)		Hypericum maculatum (imp St Johns-Wort)		Taraxacum officinale (dandelion)	VO
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)	VLF
Nardus stricta (mat grass)		Hypochaeris glabra (smooth cats ear)		Trifolium pratense (red clover)	O
Phalaris arundinacea (reed canary grass)		Hypochaeris radicata (common cats ear)	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)		Vaccinium myrtillus (bilberry)	
Poa trivialis (rough meadow grass)	LF	Juncus articulatus (jointed rush)		Valeriana dioica (marsh valerian)	
Trisetum flavescens (yellow oat grass)	VL	Juncus conglomeratus (compact rush)		Valeriana officinalis (common valerian)	
Achillea millefolium (yarrow)	O/LF	Juncus effusus (soft rush)		Veronica beccabunga (brooklime)	
Achillea ptarmica (sneezewort)		Juncus inflexus (hard rush)		Veronica chamaedrys (gemdr. speedwell)	O/VLF
Agrimonia eupatoria (agrimony)		Juncus squarrosus (heath rush)		Vicia cracca (tufted vetch)	
Ajuga reptans (bugle)	O	Juncus subnodulosus (blunt-flowered rush)		Vicia sativa (common vetch)	O/VLF
Alchemilla filicaulis (lady's mantle)		Knautia arvensis (field scabious)		Vicia sepium (bush vetch)	
Alliaria petiolata (garlic mustard)		Lamium galeobdolon (yellow archangel)		Viola canina (heath dog-violet)	
Allium ursinum (ramsons)		Lathyrus nissolia (grass vetchling)		Viola reichenbachiana (Early dog-violet)	
Anemone nemorosa (wood anemone)		Lathyrus pratensis (meadow vetchling)	O/VLF	Viola riviniana (common dog violet)	VL
Angelica sylvestris (wild angelica)	VL	Leontodon autumnalis (autumn hawkbit)		Wahlenbergia hederacea (ivy-lvd bl-flower)	
Blackstonia perfoliata (yellow-wort)		Leontodon hispidus (rough hawkbit)			
Calluna vulgaris (ling heather)		Leontodon saxatilis (lesser hawkbit)		Other Species:	
Caltha palustris (marsh marigold)		Leucanthemum vulgare (oxeye daisy)		Betula pendula (Silver Birch)	VO
Campanula rotundifolia (harebell)		Linum catharticum (fairy flax)		Corylus avellana (Hazel)	VO
Campanula trachelium (net-lvd bellflower)		Listera ovata (tway-blade orchid)		Crataegus monogyna (Hawthorn)	R
Cardamine pratensis (cuckoo flower)		Lotus corniculatus (birds-foot trefoil)	F	Prunus spinosa (Blackthorn)	R
Carex caryophyllaea (spring sedge)		Lotus uliginosus (greater birds-foot trefoil)	VL	Quercus robur (Pedunculate Oak)	R
Carex disticha (brown sedge)		Luzula campestris (field wood rush)	F	Acer campestre (Field Maple)	R
Carex divulsa (grey sedge)		Luzula multiflora (heath wood-rush)	R	Aegopodium podagraria (Ground Elder)	VL
Carex otrubea (false fox sedge)		Lychnis flos-cuculi (ragged robin)		Bellis perennis (Daisy)	VL
Carex flacca (glaucous sedge)	O	Melampyrum pratense (cow-wheat)		Anthriscus sylvestris (Cow Parsely)	VL

Carex nigra (common sedge)		Mentha aquatica (water mint)	VL	Trifolium dubium (Lesser Trefoil)	VLF
Carex ovalis (oval sedge)		Mercurialis perennis (dog's-mercury)		Galium aparine (Cleavers)	R
Carex panicea (carnation sedge)		Myosotis arvensis (field forget-me-not)		Tamus communis (Black Bryony)	R
Carex pseudocyperus (cyperus sedge)		<u>Narcissus pseudonarcissus (wild daffodill)</u>		Arum maculatum (Lords & Ladies)	VL
Carex remota (distant sedge)		Oenanthe crocata (Hemlock water dropwort).		Ficaria verna (Lesser Celandine)	O
Carex riparia (greater pond-sedge)		Ononis repens (common restharrow)		Moehringia trinerva (Three Nerved Sandwort)	R
Carex rostrata (bottle sedge)		Ophrys apifera (bee orchid)		Cardamine flexuosa (Wavy Bittercress)	VL
Carex spicata (spiked sedge)		Orchis mascula (early purple orchid)	R	Carex remota (Remote Sedge)	R
Carex sylvatica (wood sedge)		Orchis morio (green-winged orchid)		Anemone nemorosa (Wood Anemone)	VL
Centaurea nigra (common knapweed)	O/LF	Pilosella officinarum (mse-ear hawkweed)		Prunus avium (Wild Cherry)	VL
Centaurea scabiosa (greater knapweed)		Pimpinella saxifraga (burnet saxifrage)		Poa pratensis (Smooth Meadow Grass)	O
Centaureum erythraea (cmmn centuary)		Plantago lanceolata (ribwort plantain)	O	Aquilegia vulgaris (Columbine)	VL
Cerastium holosteoides (cmn. mouse-ear)	O	Polygala serpyllifolia (heath milkwort)		Oxalis acetosella (Wood Sorrell)	VL
Chrysosplenium oppositifolium (op.l.gsxfg)		Polygala vulgaris (common milkwort)		Asplenium scolopendrium (Hart's Tongue)	R
Cirsium arvense (creeping thistle)		Potentilla anserina (silverweed)			
Cirsium dissectum (meadow thistle)		Potentilla erecta (tormentil)	VLF		
Cirsium palustre (marsh thistle)		Potentilla reptans (creeping cinquefoil)	O		
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.