

Gwent Wildlife Site/SINC Notification Form

SITE SUMMARY

SITE NAME: **Great Crwys Hay Meadow**

GRID REF: **S O 4 3 9 1 6 1**

SURVEYOR(S): **Steph Tyler, Elsa Wood**
Shelley Cross

SIZE (approx.): **0.56ha**

DATE OF SURVEY: **9th June 2017**

LOCAL AUTHORITY AREA:
Monmouthshire

WARD: **Llantilio Crossenny**

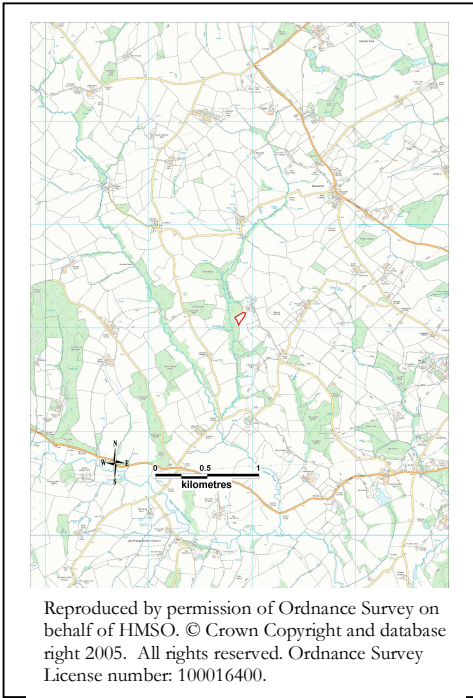
MAIN HABITAT TYPES PRESENT:

Habitat types	NVC type	Area (ha)
Species Rich Grassland		

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.):

This site is an area of grassland that slopes downwards to the south and west. It is flanked by broadleaved woodland to the west and a mature hedgerow to the east.

The grassland was seeded with wildflower seed from GWT's Pentwyn Farm Reserve in autumn 2006 and surveys in 2007 & 2008 indicated this had been successful with a number of "indicator" species recorded. Since the seeding the field has developed well, in to a nice species-rich Hay Meadow. The lower parts of the field are the best with finer grass species, greater diversity and Ant-hills although Bramble (*Rubus fruticosus* sp. agg.) & Bracken (*Pteridium aquilinum*) are trying to encroach along the bottom edge. The higher part of the field is not so species rich as coarser grasses are present and White Clover (*Trifolium repens*) is more prominent.

There is generally a good diversity of indicators present, with a number of these present in good numbers, with Yellow Rattle (*Rhinanthus minor*) and Field Wood-rush (*Luzula campestris*) both frequent/abundant and Lesser Stitchwort (*Stellaria graminea*), Rough Hawkbit (*Leontodon hispidus*), Birdsfoot Trefoil (*Lotus corniculatus*) and Red Clover (*Trifolium pratense*) locally frequent.

Neutral Grassland: Overall = 18 indicators

Official Use Only: Site selected as a Wildlife Site/SINC? YES NO Date: 19/12/19

DETAILED SITE INFORMATION

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

Name(s)	[REDACTED]		
Addresses	[REDACTED]		
Tel.no.	[REDACTED]	Mobile:	[REDACTED]

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

Date	Contact	Discussion subjects/decisions made
[REDACTED]	[REDACTED]	[REDACTED]

Is/are the owner(s)

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

Describe the access to the site:

From garden of Great Crwys.

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?

Has a yearly cut.

Are there any threats to the site?

Bracken & Bramble encroachment.

Are there any invasive species present?

Bracken encroaching.

Are there any protected species present?

None known

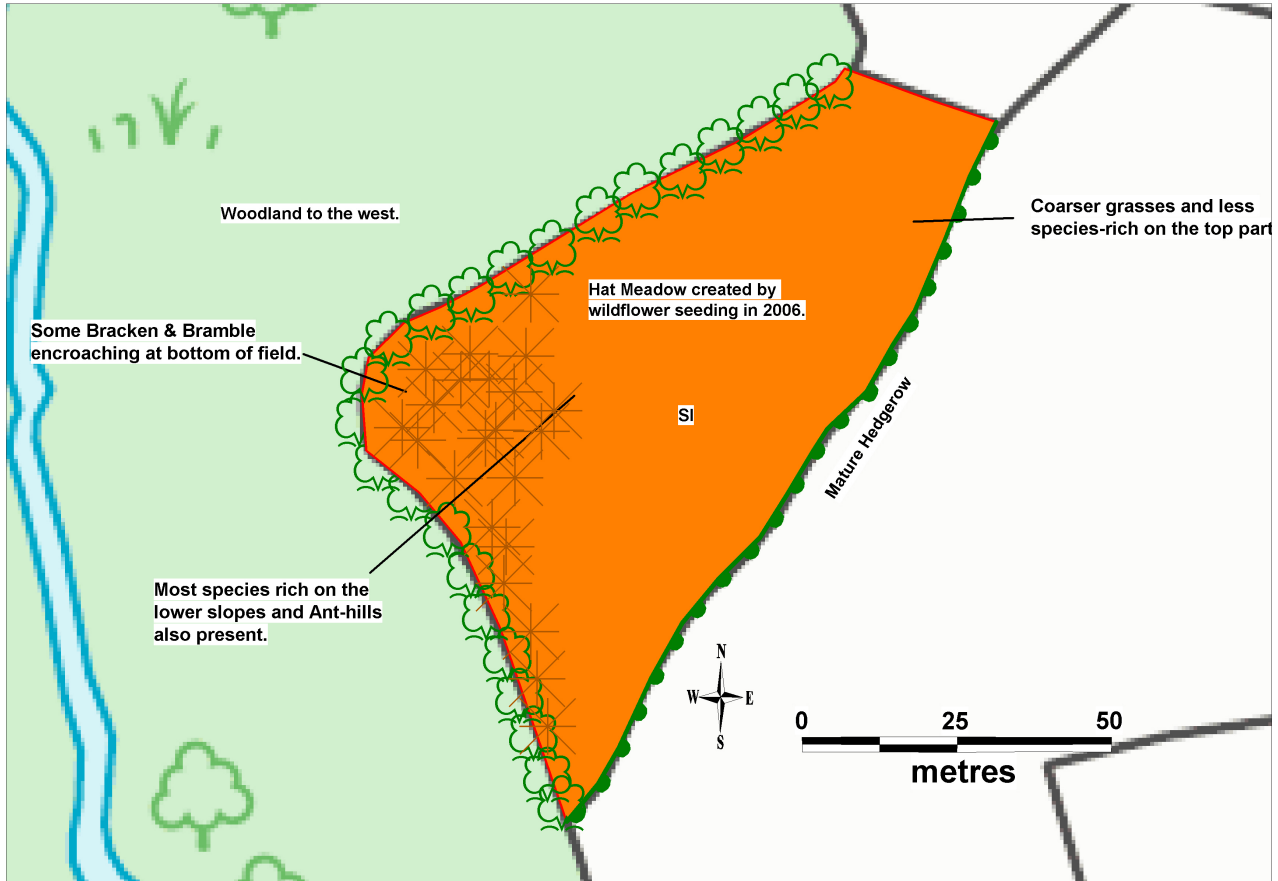
Please state the section(s) of the Wildlife Sites Guidance that this site qualifies under:

H4) Neutral Grasslands - over 8 indicator species. (18 species recorded)

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. Survey was undertaken in 2006 prior to sowing of Wildflower Seeds and again in 2007 & 2008 to monitor success of seeding. Also surveyed in 2014 as part of Monmouthshire Meadows Day.

OFFICE USE ONLY

Site no.: WS/SO41/52

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: Great Crwys Hay
Meadow

FIELD NUMBER: 1

DATE: 9/06/2017

	D		D		D
Agrostis capillaris (common bent)	Y	Conopodium majus (pignut)	Y	Primula veris (cowslip)	
Agrostis stolonifera (creeping bent)	R	Crepis capillaris (smooth hawks-beard)	R	Prunella vulgaris (self-heal)	Y
Aira praecox (early hair-grass)		Crepis biennis (rough hawks-beard)		Pteridium aquilinum (bracken)	
Alopecurus geniculatus (marsh foxtail)		Dactylorhiza fuchsii (c. spotted orchid)	R/O	Pulicaria dysenterica (fleabane)	
Alopecurus pratensis (meadow foxtail)	R	Dactylorhiza praetermissa (s.msh orchid)		Ranunculus acris (meadow buttercup)	O/LF
Anthoxanthum odoratum (sweet vnl grass)	F/A	Daucus carota (wild carrot)		Ranunculus auricomus (oldfcks buttercup)	
Arrhenatherum elatius (false oat grass)	O	Equisetum arvense (field horsetail)		Ranunculus bulbosus (bulbous buttercup)	Y
Brachypodium pinnatum (tor grass)		Erica cinerea (bell-heather)		Ranunculus flammula (lesser spearwort)	
Briza media (quaking grass)	YR	Erica tetralix (cross-leaved heath)		Ranunculus repens (creeping buttercup)	LA
Bromopsis erecta (upright brome)		Eupatorium cannabinum (hemp-agrimony)		Rhinanthus minor (yellow rattle)	F/A
Bromus commutatus (meadow brome)		Euphorbia amygdaloides (wood spurge)		Rubus fruticosus (bramble)	LA
Bromus racemosus (smooth brome)		Euphrasia officinalis agg. (eyebright)		Rumex acetosa (common sorrel)	F
Cynosurus cristatus (crested dog's tail)	Y	Filipendula ulmaria (meadowsweet)	R	Rumex acetosella (Sheeps Sorrel)	
Dactylis glomerata (cock's foot)	LF	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 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)	F/LA	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)	Y	Stachys sylvatica (hedge woundwort)	
Holcus lanatus (yorkshire fog)	O/LF	Helianthemum nummularium (rock-rose)		Stellaria graminea (lesser stichwort)	LF
Holcus mollis (creeping soft grass)		Heracleum sphondylium (hogweed)	LF	Stellaria holostea (greater stichwort)	
Lolium perenne (perennial rye grass)	R	Hyacinthoides non-scripta (bluebell)	LF	Succisa pratensis (devils bit-scabious)	
Milium effusum (wood millet)		Hypericum maculatum (imp St Johns-Wort)		Taraxacum officinale (dandelion)	Y
Melica uniflora (wood mellick)		Hypericum perforatum (pf St Johns-Wort)		Thymus polytrichus (wild thyme)	
Molinia caerulea (purple moor-grass)		Hypericum tetrapetrum (sq.sd StJns-Wort)		Trifolium medium (zig zag clover)	
Nardus stricta (mat grass)		Hypochaeris glabra (smooth cats ear)		Trifolium pratense (red clover)	O/LF
Phalaris arundinacea (reed canary grass)		Hypochaeris radicata (common cats ear)	R	Trifolium repens (white clover)	LF
Phleum pratense (timothy grass)		Jasione montana (sheep's bit)		Tragopogon pratensis (goat's-beard)	R
Poa annua (annual meadow grass)	O	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)	Y	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)		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)		Lamiastrum 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)	R	Viola riviniana (common dog violet)	O
Angelica sylvestris (wild angelica)	R	Leontodon autumnalis (autumn hawkbit)		Wahlenbergia hederacea (ivy-lvd bl-flower)	
Blackstonia perfoliata (yellow-wort)		Leontodon hispidus (rough hawkbit)	LF		
Calluna vulgaris (ling heather)		Leontodon saxatilis (lesser hawkbit)		Other Species:	
Caltha palustris (marsh marigold)		Leucanthemum vulgare (oxeye daisy)	R	Rumex crispus (Curled Dock)	O
Campanula rotundiflora (harebell)		Linum catharticum (fairy flax)	Y	Ficaria verna (Lesser Celandine)	Y
Campanula trachelium (net-lvd bellflower)		Listera ovata (tway-blade orchid)		Epilobium parviflorum (Hoary Willowherb)	R
Cardamine pratensis (cuckoo flower)	Y	Lotus corniculatus (birds-foot trefoil)	O/LF	Pilosella aurantiaca (Fox & Cubs)	R
Carex caryophylla (spring sedge)		Lotus uliginosus (greater birds-foot trefoil)	R	Dactylorhiza maculata (Heath Spotted Orchid)	R/O
Carex disticha (brown sedge)		Luzula campestris (field wood rush)	F	Rumex obtusifolius (Broad-leaved Dock)	O/LF
Carex divulsa (grey sedge)		Luzula multiflora (heath wood-rush)		Urtica dioica (Stinging Nettle)	R/O
Carex otrubea (false fox sedge)		Lychnis flos-cuculi (ragged robin)		Bromus hordeaceus (Soft Brome)	R/LF
Carex flacca (glaucous sedge)	Y	Melampyrum pratense (cow-wheat)		Galium aparine (Cleavers)	R
Carex nigra (common sedge)		Mentha aquatica (water mint)		Trifolium dubium (Lesser Trefoil)	R
Carex ovalis (oval sedge)		Mercurialis perennis (dog's-mercury)		Lepidium didymium (Lesser Swinecress)	VL
Carex panicea (carnation sedge)		Myosotis arvensis (field forget-me-not)	R		
Carex pseudocyperus (cyperus sedge)		Narcissus pseudonarcissus (wild daffodill)			
Carex remota (Remote sedge)		Oenanthe crocata (Hemlock water dropwort)			
Carex riparia (greater pond-sedge)		Ononis repens (common restharrow)			
Carex rostrata (bottle sedge)		Ophrys apifera (bee orchid)			
Carex spicata (spiked sedge)	R	Orchis mascula (early purple orchid)			

Carex sylvatica (wood sedge)		<u>Orchis morio (green-winged orchid)</u>		
Centaurea nigra (common knapweed)	O/LF	Pilosella officinarum (mse-ear hawkweed)		
Centaurea scabiosa (greater knapweed)		Pimpinella saxifraga (burnet saxifrage)		
Centaureum 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)	O	Potentilla anserina (silverweed)		
Cirsium dissectum (meadow thistle)		Potentilla erecta (tormentil)		
Cirsium palustre (marsh thistle)	O	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.

D = Dominant

A = Abundant

F = Frequent

O = Occasional

R = Rare

V = Very

L = Local/Locally

Y = Present