

Gwent Wildlife Site/SINC Notification Form (WS/SO50/84)

SITE SUMMARY

SITE NAME: Tintern Station

GRID REF: S O 5 3 7 0 0 5

SURVEYOR(S): Dr Stephanie Tyler (MMG)

SIZE (approx.): 3.35 ha

DATE OF SURVEY: 14th Julv 2011

LOCAL AUTHORITY AREA: Monmouthshire

WARD: Tintern

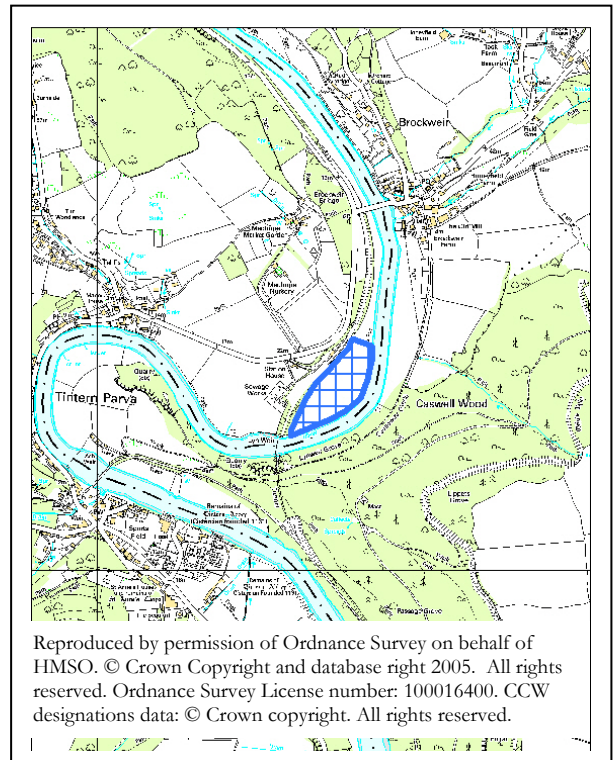
MAIN HABITAT TYPES PRESENT:

Habitat types	NVC type	Area (ha)
Species- rich neutral 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.):

A large field located near to Tintern station, the old railway and River Wye. It has several distinct habitats and much was quite species-rich. The riverside edge of the path was rank with grasses and bindweed dominant. Close to the river Reed Canary Grass and Great Hairy Willow-herb were present. On the landward side of the footpath was an extensive area of MG5 grassland with fine grasses such as Common Bent, Red Fescue and Sweet Vernal Grass. This swathe supported a range of species (see Table below) including Knapweed, Cat's Ear, Meadow Buttercup, both species of Birds-foot Trefoil and Lesser Stitchwort.

Further away from the river was a lower-lying damp swathe (MG3) dominated by Yorkshire Fog and Creeping Buttercup. In a ditch-like depression Silverweed was dominant. Creeping Yellow-Cress and Meadowsweet occurred in this damper area with several clumps of Meadow Cranesbill at the northern end. This marshy grassland could be categorised as M27 grassland. Closer to the Station was a well-drained bank with a diversity of grasses and other flowering plants (MG5). A large patch of Bracken was at the northern end.

The large field with its diverse habitats may qualify as a Local Wildlife Site as there are eight indicator species present in the MG5 grassland and other species of interest in the damper grassland. Undoubtedly a spring visit to the site would turn up more indicator species such as Bulbous Buttercup *Ranunculus bulbosus* and Field Woodrush *Luzula campestris*. The large meadow supported many butterflies, mainly Meadow Browns and Ringlets, but a Marbled White was also seen

Official Use Only: Site selected as a Wildlife Site/SINC? YES NO Date: 2/2/12

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:

Access was gained with permission of the owners, who are Monmouthshire Meadows Group (MMG) members.

Are there any public rights of way on the site?

Yes No

If so please describe their location:

What is the current management at the site?

Hay cut followed by aftermath grazing with sheep.

Are there any threats to the site?

Are there any invasive species present?

Are there any protected species present?

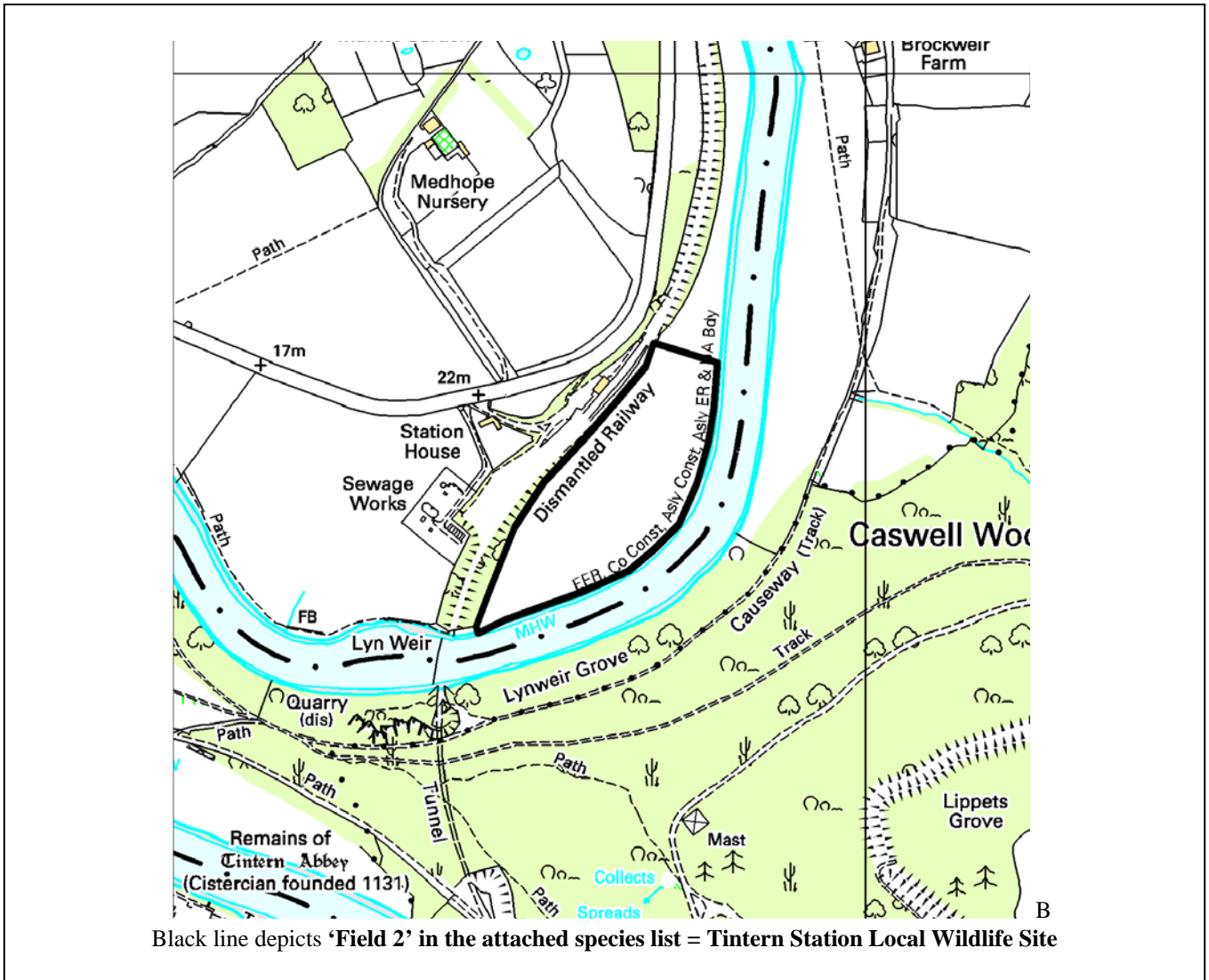
Please state the section(s) of the Wildlife Sites Guidance that this site qualifies under:

H4) Neutral Grasslands

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):



Black line depicts 'Field 2' in the attached species list = Tintern Station Local Wildlife Site

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

CCW Phase 1 Survey (1991)
Steph Tyler, 2011 – MMG Survey summary/species list

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

SPECIES LIST

Tintern Station (Steph Tyler, 14th July 2011)

The absence of a species in any column does not necessarily mean its absence from that field. LWS grassland indicators species are shown in **bold**.

Species	Rail line from Station to Brockweir	Field 1 Small riverside field	Field 2 Large riverside field (LWS quality field)	Field 3 Camping area
Common Horsetail <i>Equisetum arvense</i>		F	F	
Meadow Buttercup <i>Ranunculus acris</i>			F	
Creeping Buttercup <i>Ranunculus repens</i>	F	F	LA	F
Nettle <i>Urtica dioica</i>	LF	F		O
Garlic Mustard <i>Alliaria petiolata</i>				
Creeping Yellow-cress <i>Rorippa sylvestris</i>			O-LF	
Wild Turnip <i>Brassica rapa</i>		O		
Common Wood Violet <i>Viola riviniana</i>	F			
Red Campion <i>Silene dioica</i>				O by hedge
Common Mouse-ear <i>Cerastium fontanum</i>		F	F	
Lesser Stitchwort <i>Stellaria graminea</i>		F	O	
Perforate St John's Wort <i>Hypericum perforatum</i>				O
Wood Avens <i>Geum urbanum</i>	F			
Cinquefoil <i>Potentilla reptans</i>			LF	
Silverweed <i>Potentilla argentea</i>		LF	LF-A	
Meadowsweet <i>Filipendula ulmaria</i>	LF	O-LF	O-F	
Red Clover <i>Trifolium pratense</i>		F	F-LA	
White Clover <i>Trifolium repens</i>		F-LA	F	A
Lesser Hop Trefoil <i>Trifolium dubium</i>		O	O	
Bird's-foot Trefoil <i>Lotus corniculatus</i>			LF	
Greater Bird's-foot Trefoil <i>Lotus pedunculatus</i>		LF	LF	
Bush Vetch <i>Vicia sepium</i>	F			F
Tufted Vetch <i>Vicia cracca</i>			R	
Meadow Vetchling <i>Lathyrus pratensis</i>		O	O-LF	O-LF
Great Hairy Willow Herb <i>Epilobium hirsutum</i>		LF	LF	
Dog's Mercury <i>Mercurialis perennis</i>	F-LA			
Meadow Cranesbill <i>Geranium pratense</i>		O-LF	O	
Doves foot Cranesbill <i>Geranium molle</i>				O
Cut-leaved Cranesbill <i>Geranium dissectum</i>				O-LF
Herb Robert <i>Geranium robertianum</i>	F			
Yarrow <i>Achillea millefolium</i>			O	
Cow Parsley <i>Anthriscus sylvestris</i>	F			
Hogweed <i>Heracleum spondylium</i>	O-LF	O	O	O
Hemlock Water Dropwort <i>Oenanthe crocata</i>		O-LF	O	
Wild Angelica <i>Angelica sylvestris</i>			O	
Hedge Bindweed <i>Calystegia sepium</i>		LF	LF	
Goosegrass <i>Galium aparine</i>		F		
Common Valerian <i>Valeriana officinalis</i>	LF	O		
Daisy <i>Bellis perennis</i>	O			O
Ragwort <i>Senecio jacobaea</i>				O
Ox-eye Daisy <i>Leucanthemum vulgare</i>				LF
Knapweed <i>Centaurea nigra</i>			O-F	O-F
Cat's Ear <i>Hypochaeris radicata</i>			F	O

Species	Rail line from Station to Brockweir	Field 1 Small riverside field	Field 2 Large riverside field (LWS quality field)	Field 3 Camping area
Rough Hawkbit <i>Leontodon hispidus</i>				O
Smooth Hawksbeard <i>Crepis capillaries</i>			O	
Dandelion <i>Taraxacum officinale</i>	O	O	O	
Prickly Sowthistle <i>Sonchus asper</i>	O			
Nipplewort <i>Lapsana communis</i>	O			
Wall Lettuce <i>Mycelis muralis</i>	O			
Creeping Thistle <i>Cirsium arvense</i>		O	O-LF	
Spear Thistle <i>Cirsium vulgare</i>			O	
Tansy <i>Tanacetum vulgare</i>		R		
Germander Speedwell <i>Veronica chamaedrys</i>				O
Wood Speedwell <i>Veronica Montana</i>	O			
Hedge Woundwort <i>Stachys sylvatica</i>	O			
Ground Ivy <i>Glechoma hederacea</i>	F			
Self Heal <i>Prunella vulgaris</i>				O
Broad-leaved Plantain <i>Plantago major</i>	F		O on path	
Ribwort Plantain <i>Plantago lanceolata</i>			F	F
Broad-leaved Dock <i>Rumex obtusifolius</i>	F	O	O	
Curled Dock <i>Rumex crispus</i>			F	
Common Sorrel <i>Rumex acetosa</i>			F	O
Dog's Mercury <i>Mercurialis perennis</i>	LA			
Wild Arum <i>Arum maculatum</i>	O			
Bluebell <i>Scilla non-scripta</i>	LA			
Ivy <i>Hedera helix</i>	F			
Soft Rush <i>Juncus effuses</i>		O		
Hard Rush <i>Juncus inflexus</i>		O		
Sweet Vernal Grass <i>Anthoxanthum odoratum</i>			F	O
Common Bent <i>Agrostis tenuis</i>		F-LA	F-LA	O
Red Fescue <i>Festuca rubra</i>			LA	
Meadow Fescue		O		
Crested Dog's tail <i>Cynosurus cristatus</i>		O	O	
Timothy Grass <i>Phleum pratensis</i>		O	O	
Rough Meadow Grass <i>Poa trivialis</i>		F	F	O
Wood Meadow Grass <i>Poa nemoralis</i>				O by hedge
Yorkshire Fog <i>Holcus lanatus</i>		A	LA	F
Cocksfoot <i>Dactylis glomeratus</i>		LF	O-LF	O
False Oat Grass <i>Arrhenatherum elatius</i>		LF	O-LF	F
Rye Grass <i>Lolium perenne</i>		F by path		F
Couch Grass <i>Agropyron repens</i>			O	
Meadow/Soft Brome <i>Bromus sp.</i>			R	
False Brome <i>Brachypodium sylvaticum</i>	F			
Tufted Hair Grass <i>Deschampsia cespitosa</i>		O-LF	O	
Reed Canary Grass <i>Phalaris arundinacea</i>		F by river	F by river	
No. of indicators:	0	6	9	6