

Gwent Wildlife Site/SINC Notification Form (WS/ST49/50)

SITE SUMMARY

SITE NAME: **Pen y rheol Farm**

GRID REF: **S T 4 1 3 9 6 5**

SURVEYOR(S): **Dr Stephanie Tyler (MMG)**

SIZE (approx.): **c. 2.42 ha**

DATE OF SURVEY: **24th May 2011**

LOCAL AUTHORITY AREA:
Monmouthshire

WARD: **Llantrisant fawr**

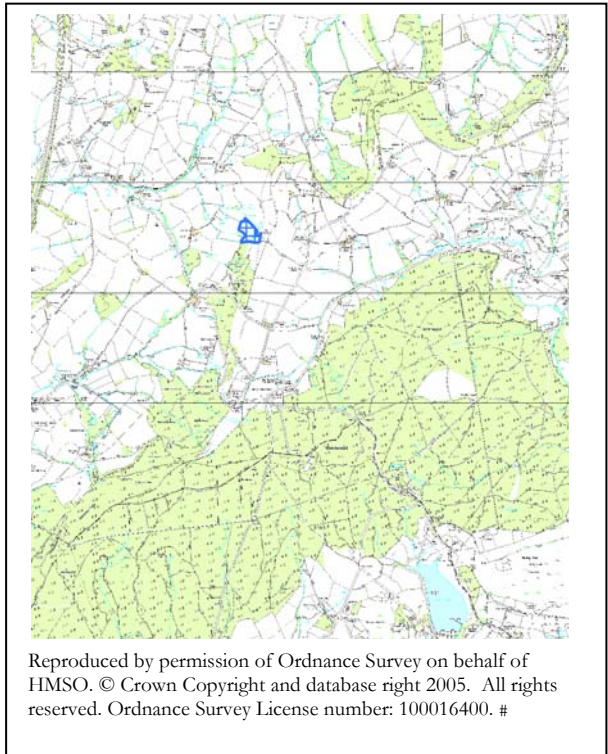
MAIN HABITAT TYPES PRESENT:

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.):

The Penyrheol Farm site includes c. 8-9 acres of fields. A small stream flowed down from a spring above the property's garden down through two fields. A third field was divided into two and sheep were grazing the upper section.

All the fields had been grazed by the sheep which are moved every 4-5 days to a 'new' field, and consequently few plants were evident except Sweet Vernal Grass *Anthoxanthum odoratum*, Common mouse-ear *Cerastium fontanum* and Lesser Stitchwort *Stellaria graminea*. However, within the garden area there were mini meadows with a diverse flora and above the house and garden was a species-rich bank. Plants seen in these areas would no doubt be present in the sheep fields if these were ungrazed for any time.

The owners reported that in the Foot and Mouth year when no grazing occurred in the part of the field above the house that they own, Harebells were much in evidence and that these have persisted. No doubt other species occur in other seasons.

The small stream supported much Water Mint *Mentha aquatica*, Brooklime Speedwell *Veronica beccabunga*, Water Parsnip *Berula erecta* and Water Figwort *Scrophularia aquatica*. There were areas of rushes and on a dry bank near the stream was a patch of Mouse-ear Hawkweed *Pilosella officinarum*. This was a new species for the 2km x 2km square ST49D in Trevor Evan's Flora of Monmouthshire. Six other species were new for that tetrad and are shown with a * in the species list at the end of this form.

11 LWS grassland indicator species are present across the site.

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?

Sheep grazed

Are there any threats to the site?

Overgrazing

Are there any invasive species present?

Are there any protected species present?

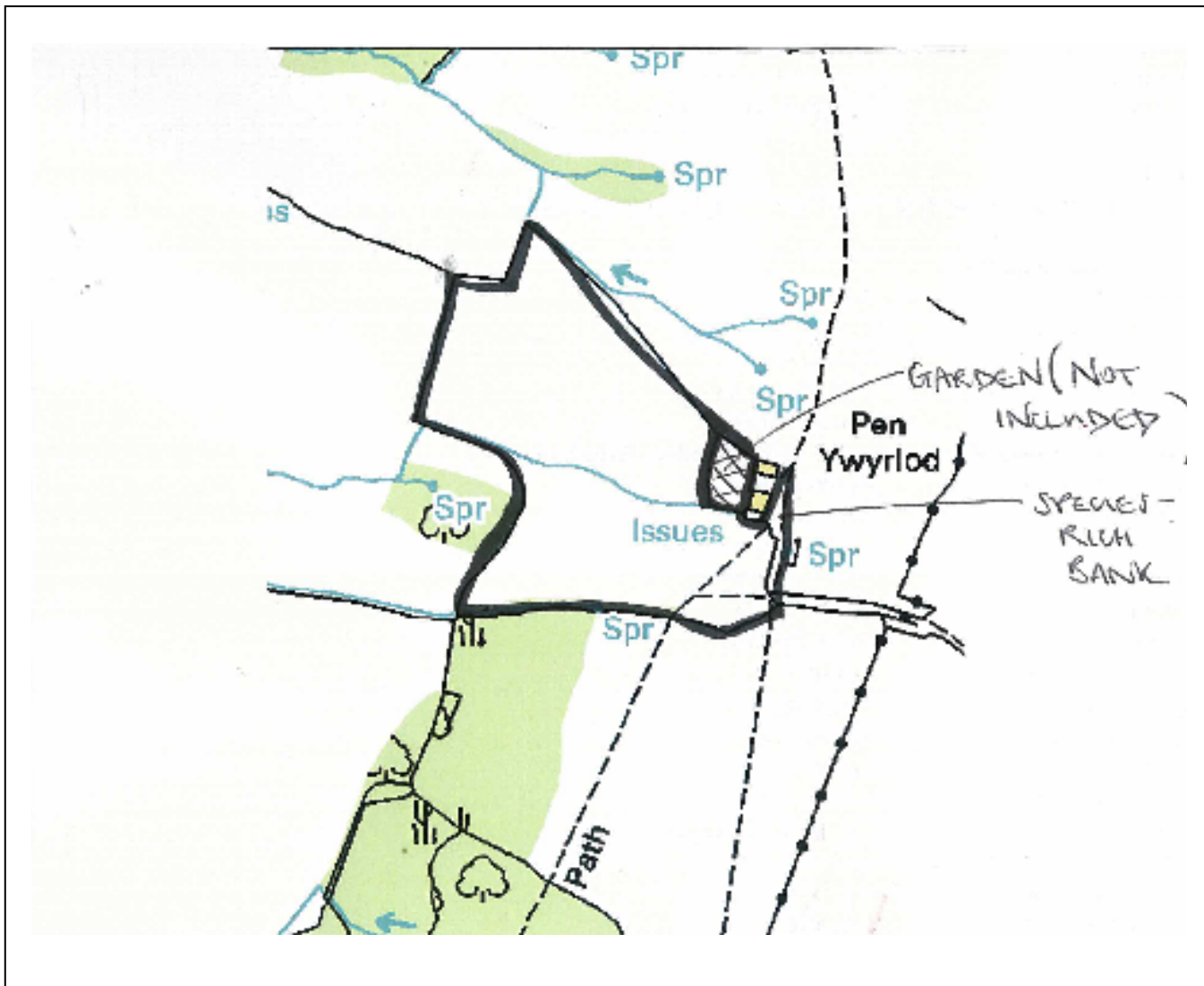
Please state the section(s) of the Wildlife Sites Guidance that this site qualifies under:

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):



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

CCW Phase 1 Survey (1991)
Steph Tyler, May 2011 – 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

Pen yr heol Farm (Steph Tyler, 24th May 2011)

LWS grassland indicators species are shown in **bold**. Near the stream was a patch of Mouse-ear Hawkweed *Pilosella officinarum*. This was a new species for the 2km x 2km square ST49D in Trevor Evan's Flora of Monmouthshire. Six other species were new for that tetrad and are shown with * below.

Plants seen included:

Grasses:

<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass (frequent in all fields)
<i>Dactylis glomerata</i>	Cocksfoot (scattered; F in ungrazed edge of bottom field)
<i>Festuca rubra</i>	Red Fescue
<i>Holcus lanatus</i>	Yorkshire Fog
<i>Poa annua</i>	Annual Meadow Grass
<i>Poa trivialis</i>	Rough Meadow Grass

Ferns:

Lady Fern and by lane coming down *Hard Fern *Blechnum spicant*

Other Flowering plants:

<i>Ajuga reptans</i>	Bugle
<i>Achillea millefolium</i>	Yarrow
* <i>Allium ursinum</i>	Ramsons
<i>Anemone nemorosa</i>	Wood Anemone
* <i>Caltha pratensis</i>	Marsh Marigold
<i>Campanula rotundifolia</i>	Harebell (reported by Stella Collard)
<i>Cardamine pratensis</i>	Cuckoo flower
<i>Centaureum nigra</i>	Knapweed
<i>Cerastium fontanum</i>	Common Mouse-ear
<i>Cirsium repens</i>	Creeping Thistle
<i>Cirsium palustre</i>	Marsh Thistle
<i>Cirsium vulgare</i>	Spear Thistle O
<i>Conopodium majus</i>	Pignut
<i>Digitalis purpurea</i>	Foxglove
<i>Filipendula ulmaria</i>	Meadowsweet
<i>Galium aparine</i>	Goosegrass
* <i>Galium mollugo</i>	Hedge Bedstraw
<i>Geranium dissectum</i>	Cut-leaved Cranesbill
<i>Glechoma hederacea</i>	Ground Ivy
<i>Heracleum spondylium</i>	Hogweed
<i>Hypochaeris radicata</i>	Cats Ear
<i>Lotus corniculatus</i>	Bird's foot Trefoil
<i>Luzula campestris</i>	Field Woodrush (F on bank above garden)
* <i>Myosotis discolor</i>	Changing Forgetmenot
* <i>Pilosella officinarum</i>	Mouse-ear Hawkweed
<i>Plantago lanceolata</i>	Ribwort Plantain F
<i>Plantago major</i>	Broad-leaved Plantain
<i>Potentilla erecta</i>	Tormentil
<i>Potentilla reptans</i>	Cinquefoil
<i>Potentilla sterilis</i>	Barren Strawberry
<i>Primula vulgaris</i>	Primrose
<i>Ranunculus repens</i>	Creeping Buttercup
<i>Ranunculus acris</i>	Meadow Buttercup
<i>Ranunculus ficaria</i>	Lesser Celandine
<i>Rumex acetosa</i>	Common Sorrel
<i>Rumex crispus</i>	Curled Dock
<i>Rumex obtusifolius</i>	Broad-leaved Dock

Scilla non-scripta
Stellaria graminea
Stellaria holostea
**Stellaria uliginosa*
Taraxacum officinale
Trifolium dubium
Urtica dioica
Veronica chamaedrys
Veronica serpyllifolia
Vicia sativa

Bluebell
Lesser Stitchwort
Greater Stitchwort
Bog Stitchwort by stream
Dandelion
Lesser Hop Trefoil
Common Nettle LF
Germander Speedwell
Thyme-leaved Speedwell
Common Vetch