

SITE SUMMARY

SITE NAME: Ty Newydd

GRID REF: S O 3 3 5 2 1 9

SURVEYOR(S): Dr Stephanie Tyler

SIZE (approx.): c.0.92ha

DATE OF SURVEY: 22/8/12

LOCAL AUTHORITY AREA:
Monmouthshire

WARD: Crucorney

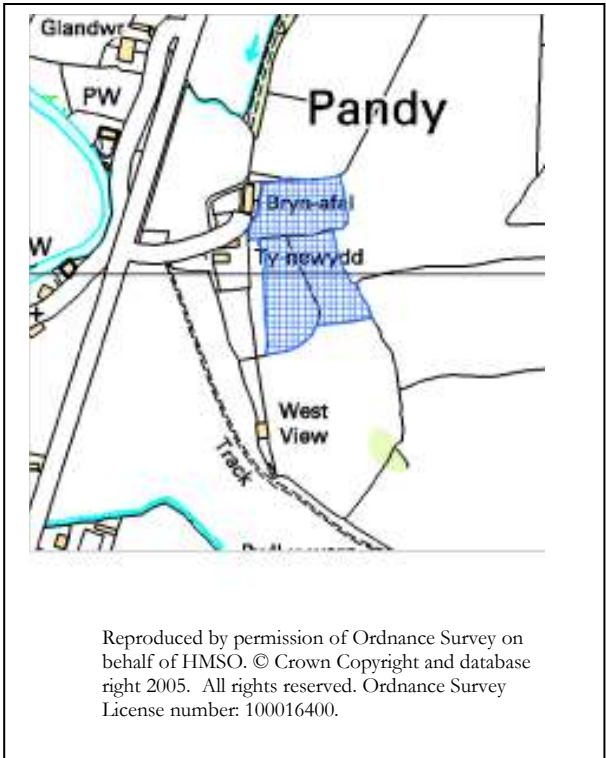
MAIN HABITAT TYPES PRESENT:

Habitat types	NVC type	Area (ha)
Semi-improved grassland	-	-
Traditional orchard	-	-

LBAP PRIORITY HABITATS/SPECIES PRESENT?

Species-rich grasslands

SKETCH MAP OF SITES LOCATION:



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

The orchard lies at the upper eastern end of the land with two medium west-facing fields below the orchard to the north and two very small fields to the south. Generally the fields were very species-rich. Hedgerows with Field Maples and a fine old pollarded Oak and a superb veteran Ash lie above the two larger northern fields. Mounds of Yellow Meadow Ants were abundant especially in the northernmost field.

Hedges included Field Maple *Acer campestre*, Ash *Fraxinus excelsior* (including a wonderful veteran), Pedunculate Oak *Quercus robur* (a large veteran pollard), Hawthorn *Crataegus monogyna*, Dogwood *Cornus sanguineus*, Hazel *Corylus avellana* and Elder *Sambucus nigra*. Along the hedgerows and in shady edges were Foxgloves *Digitalis purpurea*, a plant of Vervain *Verbena officinalis*, Ground Ivy *Glechoma hederacea*, Wood Avens *Geum urbanum*, Wood Dock *Rumex sanguineus* and fruiting Wild Arum or Cuckoo Pint *Arum maculatum*.

The northernmost field is species-rich with the abundant Burnet Saxifrage of particular note. The two small fields to the south were also very species-rich with good indicators such as Knapweed, Field Scabious, Agrimony and Birds-foot Trefoil. The frequent to abundant Wild Carrot and the Greater Burnet and Chicory is evidence of introduction of wildflower seed that is probably not of local provenance but generally these small fields are also of high conservation value with a range of old meadow grasses including Quaking Grass as well as many indicator species.

In the orchard abundant Mistletoe *Viscum album* on an old apple tree and a small patch of Gorse *Ulex europaeus* were present. Shade-loving grasses as Hairy Brome *Bromopsis ramosa* and Wood False Brome *Brachypodium sylvaticum* occurred at the edges.

The orchard has become quite rank with Nettles, Hogweed, Cocksfoot and False Oat Grass thriving in the enriched soil. Cutting this would also no doubt enhance the grassland in the orchard. The old apple tree festooned with Mistletoe is of value for invertebrates and birds and if possible should be retained but new fruit trees could be planted in the open areas.

Elsewhere as near the farmhouse and garden a range of other plants were seen including a Yew tree *Taxus baccata*, Guelder Rose *Viburnum opulus*, Prickly Sowthistle *Sonchus asper*, Field Forget-me-not *Myosotis arvensis*, Knotgrass *Polygonum aviculare*, Hedge Mustard *Sisymbrium officinale*, Rosebay *Chamerion angustifolium* and Field Poppy *Papaver dubium*.

N.B. The species list is far from complete. A visit in the spring would inevitably result in many more plants being seen such as Lesser Celandine, Bulbous Buttercup, Cuckoo Flower, Primrose, Cowslip and Bluebell.

Official Use Only: Site selected as a Wildlife Site/SINC? YES NO Date: 3/10/12

DETAILED SITE INFORMATION

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

Name(s)		
Addresses		
Tel.no.		Mobile: <input type="text"/>

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

Date	Contact	Discussion subjects/decisions made
August 2012		New owners of the site. Surveyed by Steph

- Is/are the owner(s)
- i) aware of the site's nature conservation value? **Yes**
 - ii) managing the land sympathetically? **Yes**
 - iii) willing to manage the land sympathetically? **Yes**

Describe the access to the site:

Are there any public rights of way on the site?

No

If so please describe their location:

What is the current management at the site?

The previous owner managed the land sympathetically and sheep were used to graze the two larger fields. He had apparently sown some wild flower seed in the southernmost field and this was evident from all the Wild Carrot here. Wild Carrot likes limy soil and is not common on the Old Red Sandstone in Monmouthshire. However, there is an old lime kiln on the farm and possibly imported lime has affected the soil.

Are there any threats to the site?

Lack of grazing in orchard and increasing rankness.

Are there any invasive species present?

Bracken in orchard

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; Improved grassland with scattered orchard trees.

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 22/8/12

Species		Southern-most small field	Adjacent small field	Middle field	Northern field	Orchard
Grasses						
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass	F	F	F	F	F
<i>Agrostis capillaris</i>	Common Bent	F	F	F	F	F
<i>Arrhenatherum elatius</i>	False Oat Grass	O	O			O
<i>Briza media</i>	Quaking Grass	R				
<i>Cynosurus cristatus</i>	Crested Dog's tail		O	O		
<i>Dactylis glomerata</i>	Cocksfoot					A
<i>Festuca rubra</i>	Red Fescue		F	O	F	
<i>Holcus lanatus</i>	Yorkshire Fog	F	F	F	F	A
<i>Phleum pratense</i>	Timothy Grass				R	
<i>Poa trivialis</i>	Rough Meadow Grass	O	O	O	O	O
Other plants						
<i>Achillaea millefolium</i>	Yarrow	O	F	P	F	
<i>Agrimonia eupatoria</i>	Agrimony		R			O
<i>Centaurea nigra</i>	Knapweed	O				
<i>Cerastium fontanum</i>	Common Mouse-ear		O			
<i>Cichorium intybus</i>	Chicory	R				
<i>Cirsium repens</i>	Creeping Thistle	O	O		O	F
<i>Cirsium vulgare</i>	Spear Thistle				R	
<i>Cirsium palustre</i>	Marsh Thistle				LF	
<i>Daucus carota</i>	Wild Carrot	F-A	F			R
<i>Galium verum</i>	Ladies Bedstraw				O	
<i>Geranium dissectum</i>	Cut-leaved Cranesbill					
<i>Geranium pratense</i>	Meadow Cranesbill		R			
<i>Heracleum sphondylium</i>	Hogweed	O	O			F
<i>Hypericum hirsutum</i>	Hairy St John's Wort	R				
<i>Hypericum perforatum</i>	Perforate St John's Wort		R			
<i>Hypochaeris radicata</i>	Cats Ear			O		
<i>Knautia arvensis</i>	Field Scabious	O				
<i>Leucanthemum vulgare</i>	Ox-eye Daisy	O	O			O
<i>Leontodon autumnalis</i>	Autumn Hawkbit				F	
<i>Lotus corniculatus</i>	Bird's foot Trefoil	O	O		F	
<i>Malva moschata</i>	Musk Mallow	O				
<i>Pimpinella saxifraga</i>	Burnet Saxifrage		R		F	
<i>Plantago lanceolata</i>	Ribwort Plantain	O	O	O	O	
<i>Potentilla reptans</i>	Cinquefoil		O			
<i>Prunella vulgaris</i>	Self Heal	O	O		O	
<i>Ranunculus repens</i>	Creeping Buttercup	F	P	P	P	
<i>Ranunculus acris</i>	Meadow Buttercup				O	
<i>Rumex acetosa</i>	Common Sorrel	O	O		O	
<i>Rumex obtusifolius</i>	Broad-leaved Dock					O
<i>Sanguisorba officinalis</i>	Great Burnet	R	R			
<i>Senecio jacobea</i>	Ragwort				R	
<i>Stellaria graminea</i>	Lesser Stitchwort	O	O		O	
<i>Taraxacum officinale</i>	Dandelion	P	P	P	P	P
<i>Trifolium pratense</i>	Red Clover	F	F		F	
<i>Urtica dioica</i>	Common Nettle		O			LF
<i>Veronica chamaedrys</i>	Germander Speedwell				P	F
<i>Veronica persica</i>	Field Speedwell					
<i>Vicia cracca</i>	Tufted Vetch	O				
<i>Vicia sepium</i>	Bush Vetch		R			