

# Gwent Wildlife Site/SINC Notification Form WS/SO40/59

## SITE SUMMARY

SITE NAME: **Kitty's Orchard**

GRID REF: **S O 4 0 1 0 4 6**

SURVEYOR(S): **Steven Heaton**

SIZE (approx.): **c1.2ha**

DATE OF SURVEY: **08/06/12**

LOCAL AUTHORITY AREA:  
**Monmouthshire**

WARD:

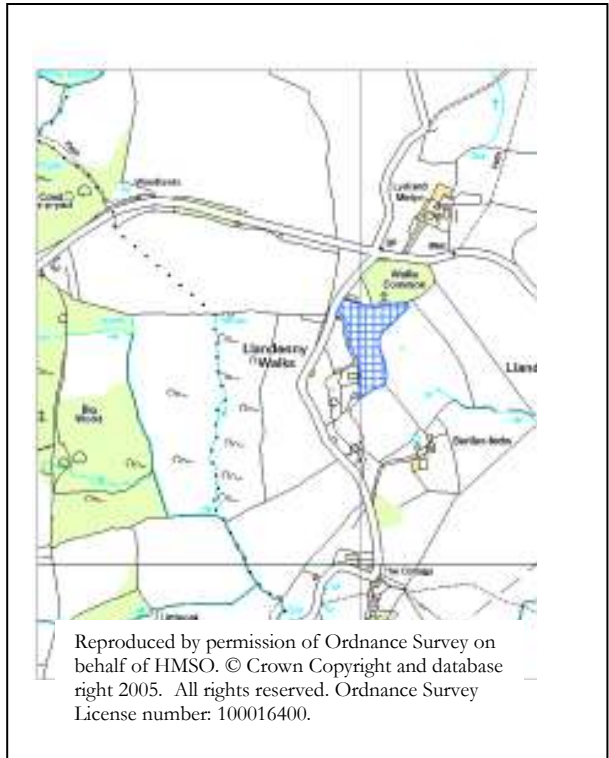
### MAIN HABITAT TYPES PRESENT:

Habitat types	NVC type	Area (ha)
Semi improved neutral grassland	MG6	-

### 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.):

Gwent Wildlife Trust's Kitty's Orchard nature Reserve comprises of newly planted woodland to the north and semi improved grassland to the south. The woodland is less than 20 years old and not currently of LWS quality but the grassland meets the criteria. The site is surrounded housing and gardens to the west and semi-improved species poor grassland to the south and east.

The grassland is gently sloped to the south. There are a few trees scattered across the site in the northern half there is an old pear tree (the remnants old an old orchard), a couple of plum and apple trees and some silver birch and Scot's pine trees planted in a small area. The hedge around the field contains a few mature oak trees and at the southern end of the field there are two small oak trees.

The grassland is being sensitively managed to allow the site to revert to species-rich grassland. Currently species such as, *Rhinanthus minor*, *Lotus corniculatus*, *Euphrasia officinalis* agg. and *Dactylorhiza fushii* can be found in relative abundance. The site is accessed via a path running through the woodland at the north of the site.

**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)	Gwent Wildlife Trust		
Addresses	Seddon House Dingestow Monmouth Gwent NP25 4DY		
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? **Yes**
  - ii) managing the land sympathetically? **Yes**
  - iii) willing to manage the land sympathetically? **Yes**

Describe the access to the site:

Gated access from the Llandenny road.

Are there any public rights of way on the site?

**Yes**

If so please describe their location:

Runs across the south of the site.

What is the current management at the site?

Managed as a hay meadow, cut July/August, grazed though autumn and winter by sheep, grazing removed in spring.

Are there any threats to the site?

Possible over grazing or removal of grazing too late in the spring.

Are there any invasive species present?

None

Are there any protected species present?

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

**H4) Neutral Grassland**

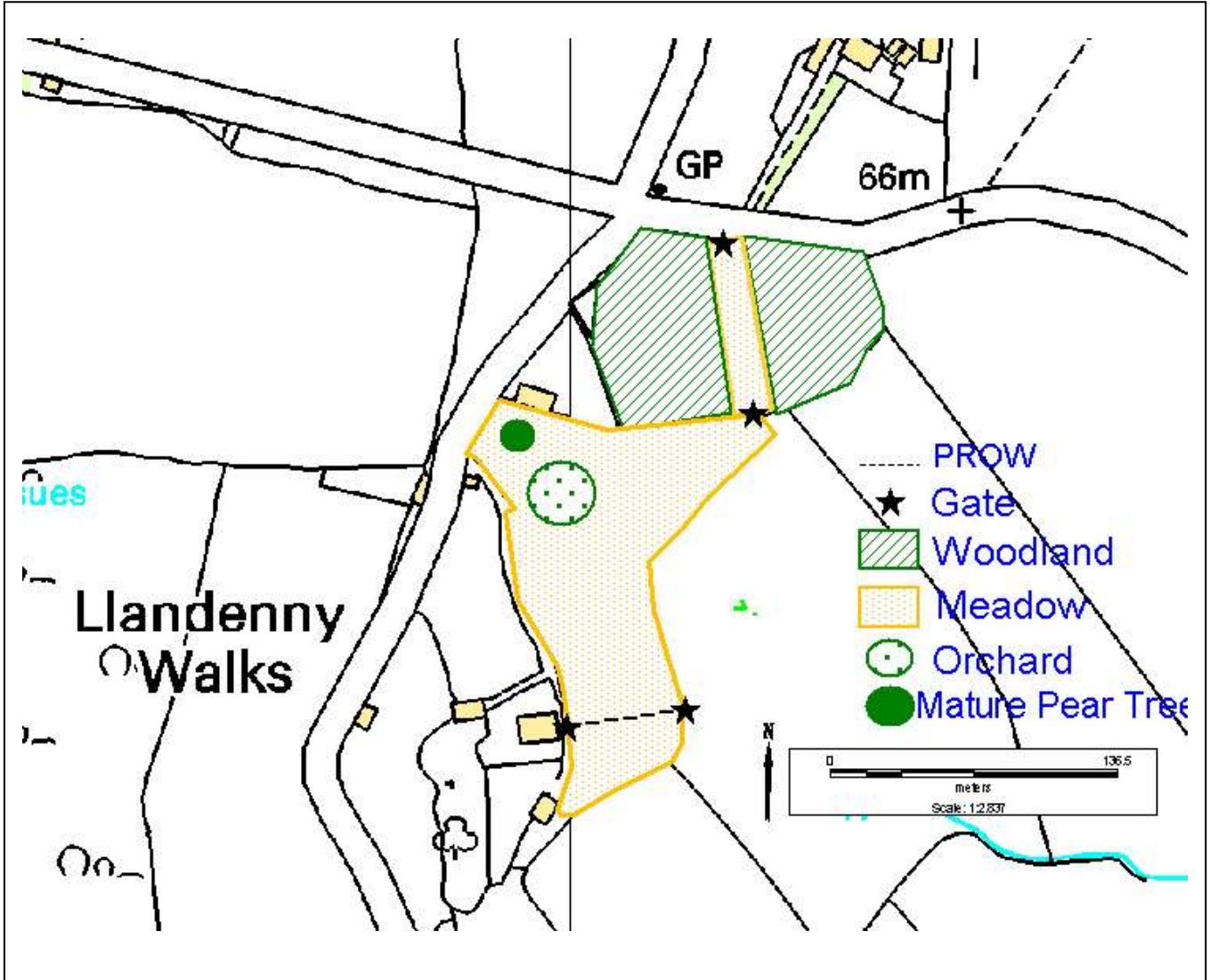
With more than 8 indicator species.

*Note: Site was resurveyed following request for more information when whole reserve was originally presented to LWS panel in Feb 2012*

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.

**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

SITE NAME: Kitty's Orchard		GRASSLAND SPECIES		
FIELD NUMBER:		DATE: 08/06/12		
	D		D	D
Agrostis tenuis (common bent)		Centaurea scabiosa (greater knapweed)		Myosotis arvensis (field forget-me-not)
Agrostis stolonifera (creeping bent)		Centaureum erythraea (cmmn century)		Narcissus pseudonarcissus (wild daffodill)
Aira praecox (early hair-grass)		Cerastium fontanum(cmn. mouse-ear)	o	Oenanthe crocata (hmlck water-dropwort)
Alopecurus geniculatus (marsh foxtail)		Chrysosplenium oppositifolium (op.l.gsxfg)		Ononis repens (common restharrow)
Alopecurus pratensis (meadow foxtail)	a	Cirsium arvense (creeping thistle)	o	Ophrys apifera (bee orchid)
Anthoxanthum odoratum(sweet vnl grass)		Cirsium dissectum (meadow thistle)		Orchis mascula (early purple orchid)
Arrhenatherum elatius (false oat grass)		Cirsium palustre (marsh thistle)		Orchis morio (green-winged orchid)
Brachypodium pinnatum (tor grass)		Cirsium vulgare (spear thistle)		Pilosella officinarum (mse-ear hawkweed)
Briza media (quaking grass)		Conopodium majus (pignut)		Pimpinella saxifraga (burnet saxifrage)
Bromopsis erecta (upright brome)		Crepis capillaris (smooth hawks-beard)		Plantago lanceolata (ribwort plantain)
Bromus commutatus (meadow brome)		Crepis biennis (rough hawks-beard)		Polygala serpyllifolia (heath milkwort)
Bromus racemosus (smooth brome)		Dactylorhiza fuchsii (c. spotted orchid)	o/f	Polygala vulgaris (common milkwort)
Cynosurus cristatus (crested dog's tail)	f	Dactylorhiza praetermissa (s.msh orchid)		Potentilla anserina (silverweed)
Dactylis glomerata (cocks foot)	f	Daucus carota (wild carrot)		Potentilla erecta (tormentil)
Danthonia decumbens (heath grass)		Equisetum arvense (field horsetail)		Potentilla reptans (creeping cinquefoil)
Deschampsia caespitosa (ftd hair grass)		Erica cinerea (bell-heather)		Potentilla sterilis (barren strawberry)
Deschampsia flexuosa (wavy hair-grass)		Erica tetralix (cross-leaved heath)		Primula veris (cowslip)
Eriophorum angustifolium(cmn cttngrass)		Eupatorium cannabinum (hemp-agrimony)		Prunella vulgaris (self-heal)
Festuca ovina (sheep's fescue)		Euphorbia amygdaloides (wood spurge)		Pteridium aquilinum (bracken)
Festuca rubra (red fescue)		Euphrasia officinalis agg. (eyebright)	f	Pulicaria dysenterica (fleabane)
Glyceria fluitans (floating sweet-grass)		Filipendula ulmaria (meadowsweet)		Ranunculus acris (meadow buttercup)
Helictotrichon pratense (mdw oat-grass)		Fragaria vesca (wild strawberry)		Ranunculus auricomus (gldleks buttercup)
Holcus lunatus (yorkshire fog)	o	Galium odoratum (sweet woodruff)		Ranunculus bulbosus (bulbous buttercup)
Holcus mollis (creeping soft grass)		Galium palustre (marsh-bedstraw)		Ranunculus flammula (lesser spearwort)
Lolium perenne (perennial rye grass)	o	Galium saxatile (heath bedstraw)		Ranunculus repens (creeping buttercup)
Milium effusum (wood millet)		Galium verum (lady's bedstraw)		Rhinanthus minor (yellow rattle)
Melica uniflora (wood mellick)		Genista tinctoria (dyers greenweed)		Rubus fruticosus (bramble)
Molinia caerulea (purple moor-grass)		Geranium pratense (meadow cranes bill)		Rumex acetosa (common sorrel)
Nardus stricta (mat grass)		Geranium robertianum (herb robert)		Rumex acetosella (sheeps sorrel)
Phalaris arundinacea (reed canary grass)		Glechoma hederacea (ground ivy)		Sanguisorba minor (salad burnet)
Phleum pratense (timothy grass)		Helianthemum nummularium (rock-rose)		Scabiosa columbaria (small scabious)
Poa annua (annual meadow grass)		Heracleum sphondylium (hogweed)	f	Scrophularia nodosa (figwort)
Poa trivialis (rough meadow grass)	f	Hyacinthoides non-scripta (bluebell)		Senecio aquaticus (marsh ragwort)
Trisetum flavescens (yellow oat grass)		Hypericum maculatum(imp StJohns-Wort)		Senecio jacobea (ragwort)
Achillea millefolium (yarrow)		Hypericum perforatum (pf St Johns-Wort)		Silaum silaus (pepper-saxifrage)
Achillea ptarmica (sneezewort)		Hypericum tetrapetrum (sq.sd StJns-Wort)		Stachys officinalis (betony)
Agrimonia eupatoria (agrimony)		Hypochoeris glabra (smooth cats ear)		Stachys palustris (marsh woundwort)
Ajuga reptans (bugle)		Hypochoeris radicata (common cats ear)		Stachys sylvatica (hedge woundwort)
Alchemilla filicaulis (Lady's mantle)		Jasione montana (sheep's bit)		Stellaria graminea (lesser stichwort)
Alliaria petiolata (garlic mustard)		Juncus acutiflorus (sharp-flowered rush)		Stellaria holostea (greater stichwort)
Allium ursinum (ramsons)		Juncus articulatus (jointed rush)		Succisa pratensis (devils bit-scabious)
Anemone nemorosa (wood anemone)		Juncus conglomeratus (compact rush)		Taraxacum officianle (dandelion)
Angelica sylvestris (wild angelica)		Juncus effusus (soft rush)		Thymus polytrichus (wild thyme)
Blackstonia perfoliata (yellow-wort)		Juncus inflexus (hard rush)		Trifolium medium (zig zag clover)
Calluna vulgaris (ling heather)		Juncus squarrosus (heath rush)		Trifolium pratense (red clover)
Caltha palustris (marsh marigold)		Juncus subnodulosus (blunt-flowerd rush)		Trifolium repens (white clover)
Campanula rotundiflora (harebell)		Knautia arvensis (field scabious)		Tragopogon pratensis (goat's-beard)
Campanula trachelium (net-lvd bellflower)		Lamium galeobdolon(yellow archangel)		Vaccinium myrtillus (bilberry)
Cardamine pratensis (cuckoo flower)		Lathyrus nissolia (grass vetchling)		Valeriana dioica (marsh valerian)
Carex caryophyllea (spring sedge)		Lathyrus pratensis (meadow vetchling)		Valeriana officinalis (common valerian)
Carex disticha (brown sedge)		Leontodon autumnalis (autumn hawkbit)		Veronica beccabunga (brooklime)
Carex divulsa (grey sedge)		Leontodon hispidus (rough hawkbit)		Veronica chamaedrys (gemdr. speedwell)
Carex echinata (star sedge)		Leontodon saxatilis (lesser hawkbit)		Vicia cracca (tufted vetch)
Carex flacca (glaucous sedge)		Leucanthemum vulgare (oxeye daisy)		Vicia sativa (common vetch)
Carex nigra (common sedge)		Linum catharticum (fairy flax)		Vicia sepium (bush vetch)
Carex ovalis (oval sedge)		Listera ovata (tway-blade orchid)		Viola canina (heath dog-violet)
Carex panicea (carnation sedge)		Lotus corniculatus (birds-foot trefoil)	f	Viola reichenbachiana (pale dog-violet)
Carex pendula (pendulous sedge)		Lotus uliginosus(greater birds-foot trefoil)		Viola riviniana (common dog violet)
Carex remota (distant sedge)		Luzula campestris (field wood rush)		Wahlenbergia hederacea (ivy-lvd bl-flower)
Carex riparia (greater pond-sedge)		Luzula multiflora (heath wood-rush)		Urtica dioica
Carex rostrata (bottle sedge)		Lychnis flos-cuculi (ragged robin)		Pteridium aquilium
Carex spicata (spiked sedge)		Melampyrum pratense (cow-wheat)		Geranium dissectum
Carex sylvatica (wood sedge)		Mentha aquatica (water mint)		
Centaurea nigra (common knapweed)	f	Mercurialis perennis (dog's-mercury)		

Acer campestre (field maple)		Campanula trachelium(ntl-lvd bellflower)			
<b>SITE NAME:</b>		<b>WOODLAND SPECIES</b>			
<b>FIELD NUMBER:</b>	D	<b>DATE:</b>	D		D
		Corydalis claviculata (climbing corydalis)		Scrophularia nodosa (figwort)	
Aesculus hippocastanum (horse chestnut)		Danthonia decumbens (heath grass)		Silene dioica (red campion)	
Alnus glutinosa (alder)		Daphne laureola (spurge laurel)		Stachys sylvatica (hedge woundwort)	
Betula pendula (silver birch)		Daphne mezereum (mezeron)		Stellaria holostea (greater stichwort)	
Castanea sativa (sweet chestnut)		Deschampsia caespitosa (tftd hair grass)		Stellaria neglecta (greater chickweed)	
Corylus avellana (hazel)		Deschampsia flexuosa (wavy hair grass)		Stellaria nemorum (wood stichwort)	
Craetagus monogyna (hawthorn)		Dryopteris aemula(hay-scented bcklr fern)		Taraxacum officinale (dandelion)	
Fagus sylvatica (beech)		Dryopteris affinis (scaly male fern)		Valeriana dioica (marsh valerian)	
Fraxinus excelsior (ash)		Elymus caninus (bearded couch-grass)		Valeriana officinalis (common valerian)	
Larix decidua (larch)		Epipactis helleborine(b-leaved helleborine)		Veronica beccabunga (brooklime)	
Malus sylvestris (crab apple)		Equisetum sylvaticum (wood horsetail)		Veronica chamaedrys (gemdr. speedwell)	
Pinus sylvestris (Scots Pine)		Euonymus europaeus (spindle)		Veronica hederacea (ivy leaved speedwell)	
Populus tremula (aspens)		Euphorbia amygdaloides (wood spurge)		Veronica montana (wood speedwell)	
Prunus avium (wild cherry)		Festuca gigantea (giant fescue)		Vicia sylvatica (wood vetch)	
Prunus padus (bird cherry)		Filipendula ulmaria (meadowsweet)		Viola reichenbachiana (pale dog violet)	
Prunus spinosa (blackthorn)		Fragaria vesca (wild strawberry)		Viola riviniana (common dog violet)	
Quercus petraea (sessile oak)		Frangula alnus (alder buckthorn)		Tamus communis (Black Bryony)	
Quercus robur (pendunculate oak)		Galium aparine (cleaver)		Brachypodium sylvaticum (false brome)	
Rhamnus catharticus (buckthorn)		Galium odoratum (sweet woodruff)			
Sorbus aria (whitebeam)		Geranium robertianum (herb robert)			
Sorbus aucuparia (rowan)		Geum rivale (water avens)			
Sorbus torminalis (wild service)		Glechoma hederacea (ground ivy)			
Taxus baccata (yew)		Gymnocarpium dryopteris (oak fern)			
Tilia cordata (small-leaved lime)		Heracleum sphondylium (hogweed)			
Ulmus glabra (wych elm)		Holcus lanatus (yorkshire fog)			
		Holcus mollis (creeping soft grass)			
Euonymus europaeus (spindle)		Hyacinthoides non-scripta (bluebell)			
Ilex aquifolium (holly)		Hypericum androsaemum (tutsan)			
Lonicera periclymenum (honeysuckle)		Hedera helix (ivy)			
Pteridium aquilinum (bracken)		Iris foetidissima (stinking iris)			
Ribes rubrum (redcurrant)		Lamium galeobdolon (ylw archangel)			
Rosa arvensis (field rose)		Lathraea squamaria (toothwort)			
Rosa canina (dog rose)		Listera ovata (tway-blade orchid)			
Rubus fruticosus (bramble)		Luzula forsteri (southern woodrush)			
Thelycrania sanguinea (dogwood)		Luzula pilosa (hairy woodrush)			
Vaccinium myrtillus (bilberry)		Luzula sylvatica (great woodrush)			
Viburnum opulus (guelder rose)		Lysimachia nemorum (yellow pimpernel)			
Visum album (mistletoe)		Melampyrum pratense (cmn cow-wheat)			
		Melica uniflora (wood melick)			
Adoxa moschatellina (moshatel)		Melittis melissophyllum (bastard balm)			
Aegopodium podagraria (ground elder)		Mercurialis perennis (dog's mercury)			
Aira praecox (early hair-grass)		Milium effusum (wood millet)			
Alliaria petiolata (garlic mustard)		Moehringia trinervium (3-nerved sandwort)			
Allium ursinum (ramsons)		Narcissus pseudonarcissus (wild daffodill)			
Anemone nemorosa (wood anemone)		Neottia nidus-avis (bird's nest orchid)			
Angelica sylvestris (wild angelica)		Nettle (Urtica dioica)			
Anthoxanthum odoratum(sweet vnl grass)		Oenanthe crocata (hmlck water-dropwort)		FAUNA RECORDED ON SITE:	
Anthriscus sylvestris (cow parsley)		Orchis mascula (early purple-orchid)			
Aquilegia vulgaris (columbine)		Oxalis acetosella (wood sorrel)			
Arum maculatum (lords and ladies)		Paris quadrifolia (herb-Paris)			
Asplenium scolopendrium (hartstnge fern)		Plantago lanceolata (ribwort plantain)			
Blechnum spicant (hard fern)		Platanthera chlorantha (g butterfly orchid)			
Bromus ramosus (hairy brome)		Poa nemoralis (wood meadow grass)			
Cardamine pratensis (cuckoo flower)		Polygonatum multiflorum (solomon's seal)			
Carex laevigata (smooth-stalked sedge)		Polystichum aculeatum (hard shield fern)			
Carex pallescens (pale sedge)		Polystichum setiferum (soft shield fern)			
Carex pendula (pendulous sedge)		Potentilla anserina (silverweed)			
Carex remota (distant sedge)		Potentilla erecta (tormentil)			
Carex strigosa (thin-spiked wood-sedge)		Potentilla reptans (creeping cinquefoil)			
Carex sylvatica (wood sedge)		Potentilla sterilis (barren strawberry)			
Chrysosplenium alternifolium(a-lvd gs)		Ranunculus ficaria (lesser celandine)			
Chrysosplenium oppositifolium(ot-lvd gs)		Rumex acetosa (common sorrel)			
Conopodium majus (pignut)		Sanicula europaea (sanicle)			
Convallaria majalis (lily-of-the-valley)		Scirpus sylvaticus (wood club-rush)			