

# Gwent Wildlife Site/SINC Notification Form WS/ST49/52

## SITE SUMMARY

SITE NAME: New Mill Wood

GRID REF: S T 4 4 2 9 4 6

SURVEYOR(S): Steven Heaton

SIZE (approx.): c.0.69 ha

DATE OF SURVEY: 05/09/12

LOCAL AUTHORITY AREA:  
Monmouthshire

WARD: Shirenewton

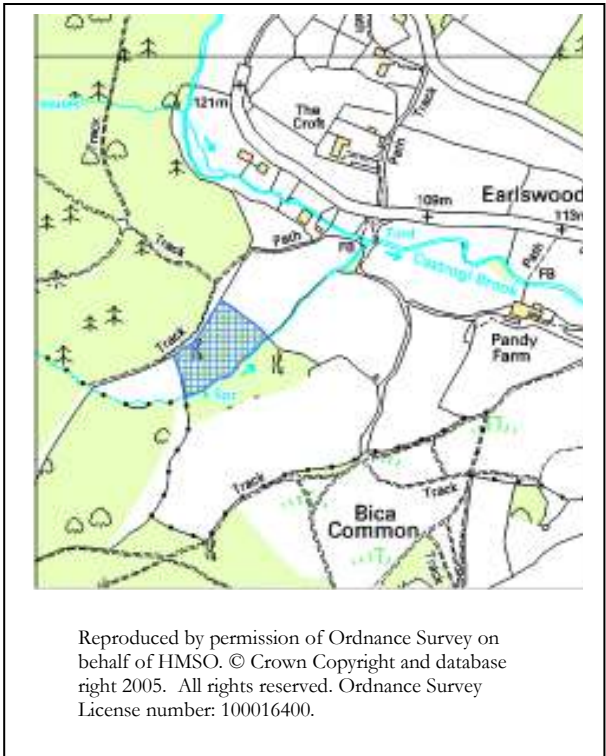
### MAIN HABITAT TYPES PRESENT:

Habitat types	NVC type	Area (ha)
Acid beech oak woodland	W7 and	-
Wet alder woodland	W6	-

### LBAP PRIORITY HABITATS/SPECIES PRESENT?

Woodland

### SKETCH MAP OF SITES LOCATION:



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

This site is a relatively small area of woodland (c.0.5ha) on the edge of Wentwood Forest; extensive PAWS site lies to the west and a block of ASNW to the south-west. To the north is mature plantation consisting of mainly Douglas fir. Immediately to the west is a small felled area of woodland that is dominated by birch regeneration. On the southern edge of the woodland runs a stream and beyond this is further semi natural woodland (owner unknown). The land to the east is semi-improved grassland (potentially species-rich).

The woodland slopes down to the stream that runs along its southern edge. The southern border of the woodland is also marked by an ancient stone wall (ruined by previous owner). The southern end of the woodland is dominated by *Fagus sylvatica* trees (some of which are veteran coppice) and frequent *Prunus avium*. The central area is more mixed woodland with frequent mature *Quercus petraea* coppice. As the woodland slopes southward towards the stream the land becomes wetter with many flushes and the canopy becomes more dominated with *Alnus glutinosa* and *Betula pubescences* - typical wet wood species. Other tree species through the canopy include *Betula pendula*, *Sorbus aucuparia*, *Ilex aquilifolium* and *Corylus avellana*.

The drier northern side of the wood has acidic woodland ground flora such as *Blechnum spicant*, although the ground flora here is fairly sparse. The rest of the woodland is wetter and has a more species-rich ground flora including *Hyacinthoides non-scripta*, *Allium ursinum*, *Anemone nemerosa*, and in the even wetter areas *Chrysosplenium oppositifolium*, *Mentha aquatica* and *Deschampsia caespitose*. There are also many bryophytes.

This site could do with a management plan and some small scale rotational coppice, although some of the old coppice trees are now too old to re-coppice

**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:

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

Date	Contact	Discussion subjects/decisions made
27/08/12	Email	
05/08/12	Survey	

- 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:

A track runs along the southern edge of the woodland and although the woodland is completely fenced it can be accessed from here with owner permission.

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?

None, but many of the trees on site have been historically coppiced.

Are there any threats to the site?

Are there any invasive species present?

None present at time of survey.

Are there any protected species present?

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

**H1) Woodland** - more than 14 woodland indicators, plus woodland features

Is the site part of any grant schemes? **No**

Does the site already have any designations? **No**

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; Woodland, coniferous, plantation.

**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: New Mill Wood (Earlswood nr Bica common)		DATE: 5/09/12	
	D		D
<b>Acer campestre (field maple)</b>		<b>Calamagrostis epigejos (Wood reed)</b>	Oenanthe crocata (hmlck water-dropwort)
Acer pseuoplananus (sycamore)		<b>Calluna vulgaris (heather)</b>	<b>Orchis mascula (early purple-orchid)</b>
Aesculus hippocastanum (horse chestnut)		<b>Campanula latifolia (Giant Bellflower)</b>	<b>Oxalis acetosella (wood sorrel)</b>
Alnus glutinosa (alder)	F	<b>Campanula patula (spreading bellflower)</b>	<b>Paris quadrifolia (herb-Paris)</b>
Betula pendula (silver birch)	F	<b>Campanula trachelium(ntl-lvd bellflower)</b>	Plantago lanceolata (ribwort plantain)
Betula pubescences	O	Cardamine pratensis (cuckoo flower)	<b>Platanthera chlorantha (g butterfly orchid)</b>
<b>Carpinus betula</b>		<b>Carex digitata (fingered sedge)</b>	<b>Poa nemoralis (wood meadow grass)</b>
Castanea sativa (sweet chestnut)		Carex laevigata (smooth-stalked sedge)	<b>Polygonatum multiflorum (solomon's seal)</b>
Corylus avellana (hazel)	O	<b>Carex pallescens (pale sedge)</b>	<b>Polypodium vulgare</b>
Craetagus monogyna (hawthorn)		Carex paniculata	<b>Polystichum aculeatum (hard shield fern)</b>
Fagus sylvatica (beech)	F	<b>Carex pendula (pendulous sedge)</b>	<b>Polystichum setiferum (soft shield fern)</b>
Fraxinus excelsior (ash)	R	<b>Carex remota (distant sedge)</b>	Potentilla anserina (silverweed)
Larix decidua (larch)		<b>Carex strigosa (thin-spiked wood-sedge)</b>	Potentilla erecta (tormentil)
Ilex aquifolium (holly)	F	<b>Carex sylvatica (wood sedge)</b>	Potentilla reptans (creeping cinquefoil)
<b>Malus sylvestris (crab apple)</b>		<b>Chrysosplenium alternifolium(a-lvd gs)</b>	<b>Potentilla sterilis (barren strawberry)</b>
<b>Pinus sylvestris (Scots Pine)</b>		<b>Chrysosplenium oppositifolium(ot-lvd gs)</b>	<b>Primula vulgaris (primrose)</b>
<b>Populus tremula (aspen)</b>		Circaea lutetiana	Prunella vulgaris (self-heal)
<b>Prunus avium (wild cherry)</b>	F	<b>Conopodium majus (pignut)</b>	<b>Ranunculus auricomus (gldlks buttercup)</b>
<b>Prunus padus (bird cherry)</b>		<b>Convallaria majalis (lily-of-the-valley)</b>	Ranunculus ficaria (lesser celendine)
Prunus spinosa (blackthorn)		<b>Corydalis claviculata (climbing corydalis)</b>	Ranunculus repens
<b>Quercus petraea (sessile oak)</b>	F	Danthonia decumbens (heath grass)	Rumex acetosa (common sorrel)
Quercus robur (pendunculate oak)		<b>Daphne laureola (spurge laurel)</b>	<b>Sanicula europaea (sanicle)</b>
<b>Rhamnus catharticus (buckthorn)</b>		<b>Daphne mezereon (mezeron)</b>	<b>Scirpus sylvaticus (wood club-rush)</b>
Salix cinerea		Deschampsia caespitosa (tftd hair grass)	<b>Scrophularia nodosa (figwort)</b>
Salix caprea		<b>Deschampsia flexuosa (wavy hair grass)</b>	<b>Sedum telephium (orphine)</b>
Sorbus aria (whitebeam)		<b>Dryopteris aemula(hay-scented bcklr fern)</b>	<b>Solidago virgaurea (goldenrod)</b>
Sorbus aucuparia (rowan)	F	Dryopteris affinis (scaly male fern)	Silene dioica (red campion)
<b>Sorbus torminalis (wild service)</b>		Dryopteris dilatata	<b>Stachys officinalis (betony)</b>
<b>Taxus baccata (yew)</b>		Dryopteris filix mas	Stachys sylvatica (hedge woundwort)
<b>Tilia cordata (small-leaved lime)</b>		<b>Elymus caninus (bearded couch-grass)</b>	Stellaria holostea (greater stichwort)
<b>Tilia platyphyllos</b>		<b>Epipactis helleborine(b-leaved helleborine)</b>	Stellaria neglecta (greater chickweed)
<b>Ulmus glabra (wych elm)</b>		<b>Equisetum sylvaticum (wood horsetail)</b>	<b>Stellaria nemorum (wood stichwort)</b>
		<b>Euonymus europaeus (spindle)</b>	Taraxacum officinale (dandelion)
		<b>Euphorbia amygdaloides (wood spurge)</b>	<b>Vaccinium myrtillus</b>
		<b>Euphorbia serrata (upright spurge)</b>	Valeriana dioica (marsh valerian)
		<b>Festuca gigantea (giant fescue)</b>	Valeriana officinalis (common valerian)
		Filipendula ulmaria (meadowsweet)	Veronica beccabunga (brooklime)
		Fragaria vesca (wild strawberry)	Veronica chamaedrys (gemdr. speedwell)
Cytisus scoparius		<b>Frangula alnus (alder buckthorn)</b>	Veronica hederacea (ivy leaved speedwell)
<b>Euonymus europaeus (spindle)</b>		Galium aparine (cleaver)	<b>Veronica montana (wood speedwell)</b>
Ilex aquifolium (holly)		<b>Galium odoratum (sweet woodruff)</b>	Veronica officinalis
Lonicera periclymenum (honeysuckle)		Geranium robertianum (herb robert)	<b>Vicia sylvatica (wood vetch)</b>
Pteridium aquilinum (bracken)		<b>Geum rivale (water avens)</b>	<b>Viola palustris (marsh violet)</b>
<b>Ribes nigrum (Black current)</b>		Geum urbanum	<b>Viola reichenbachiana (pale dog violet)</b>
<b>Ribes rubrum (redcurrant)</b>		Glechoma hederacea (ground ivy)	Viola riviniana (common dog violet)
Rosa arvensis (field rose)		<b>Gymnocarpium dryopteris (oak fern)</b>	<b>Walenbergia hederacea</b>
Rosa canina (dog rose)		<b>Helleborous viridis</b>	<b>Other species:</b>
Rubus fruticosus (bramble)	F/L A	Heracleum sphondylium (hogweed)	Digitalis purpurea
Sambucus nigra		Holcus lanatus (yorkshire fog)	
Thelycrania sanguinea (dogwood)		Holcus mollis (creeping soft grass)	Mentha aquatica
Ulex europaeus		<b>Hordelymus europeus (wood barley)</b>	water figwort
<b>Vaccinium myrtillus (bilberry)</b>		<b>Hyacinthoides non-scripta (bluebell)</b>	

<b>Viburnum opulus (guelder rose)</b>		<b>Hypericum pulchrum</b>		
Visum album (mistletoe)		<b>Hypericum androsaemum (tutsan)</b>		
		Hedera helix (ivy)	O	
		<b><u>Iris foetidissima (stinking iris)</u></b>		<b>Features:</b>
		Lamium galeobdolon (yellw archangel)	F	Hedgebanks
		<b><u>Lathraea squamaria (toothwort)</u></b>		Ditches
Ajuga reptans	O	<b>Lathyrus linifolius</b>		Ponds
<b><i>Aconitum napellus (Monkshoods)</i></b>		<b><u>Lathyrus sylvestris</u></b>		Active Badger setts
<b>Adoxa moschatellina (moshatel)</b>		Listera ovata (tway-blade orchid)		Wet flushes
Aegopodium podararia (ground elder)		<b><i>Luzula forsteri (southern woodrush)</i></b>		Sunken lane
Aira praecox (early hair-grass)		<b>Luzula pilosa (hairy woodrush)</b>	F	Veteran trees
Alliaria petiolata (garlic mustard)		<b>Luzula sylvatica (great woodrush)</b>		Dry stone walls
				x
<b>Allium ursinum (ramsons)</b>	F	<b>Lysimachia nemorum (yellow pimpernel)</b>	F	
<b>Anemone nemorosa (wood anemone)</b>	A	<b>Melampyrum pratense (cmn cow-wheat)</b>		
Angelica sylvestris (wild angelica)		<b>Melica uniflora (wood mellick)</b>		
Anthoxanthum odoratum (sweet vnl grass)		<b><i>Melittis melissophyllum (bastard balm)</i></b>		
Anthriscus sylvestris (cow parsley)		<b>Mercurialis perennis (dog's mercury)</b>		
<b>Aquilega vulgaris (columbine)</b>		<b>Milium effusum (wood millet)</b>		<b>Notes:</b>
Arctium minus		<b>Moehringia trinervum (3-nerved sandwort)</b>		Signs of tree regeneration
Arum maculatum (lords and ladies)		<b><i>Monotropa hypopitys (yellow birds nest)</i></b>		Beech and Oak coppice
<b>Asplenium scolopendrium (hartstnge fern)</b>		<b><u>Narcissus pseudonarcissus (wild daffodill)</u></b>		Mature cherry tree
<b>Blechnum spicant (hard fern)</b>	F/LA	<b><u>Neottia nidus-avis (bird's nest orchid)</u></b>		Comma butterfly observed
Brachypodium sylvaticum	O	Nettle (Urtica dioica)	O	
<b>Bromus ramosus (hairy brome)</b>				

Key to colour coding of woodland species list

Species in **Bold** equals indicator species.

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.