

## Extension to Little Mill Farm WS /SO41/14 - to include woodland (Steve Heaton 21/9/12 )

### Owner details

### Site description - Little Mill Farm Woodland ( 1.14 ha) SO 425 175

The new area of woodland joins the existing two areas of grassland LWS at Little Mill Farm. The woodland has areas of ash oak woodland and wet alder woodland and would best be described as semi natural ancient wood. A stream runs through the length of the woodland the woodland is on both sides.

Although the canopy is very dense, the woodland has a very good ground flora in all but the most heavily shaded areas where ferns are abundant. Within the woodland lies an old mill and associated workings, including an old silt filled leat and stone walling and medieval sunken lane.

Along the stream *Alnus glutinosa* is the abundant species in the canopy. In other areas *Fraxinus excelsior* and *Corylus avellana* are more common. Other species in the canopy include *Crataegus monogyna*, *Quercus robur*, *Acer campestre* and *Salix* sp.

Although it was late in the season when this woodland was surveyed, there were signs of the presence of *Allium ursinum* and *Anemone nemerosa*. *Chrysosplenium oppositifolium* is frequent along the stream and in the wetter areas also frequent is *Deschampsia caespitosa*, a common plant of W7 wet alder woodlands. Other species present include, *Lamium galeobdolon*, *Lysimachia nemorum*, *Polystichum setiferum*, and *Oxalis acetosa*.

This woodland also has two fairly uncommon plants of Monmouthshire *Carex strigosa* and *Dipsacus pilosus*.

Possibly the woodland would benefit from small scale rotational coppicing.

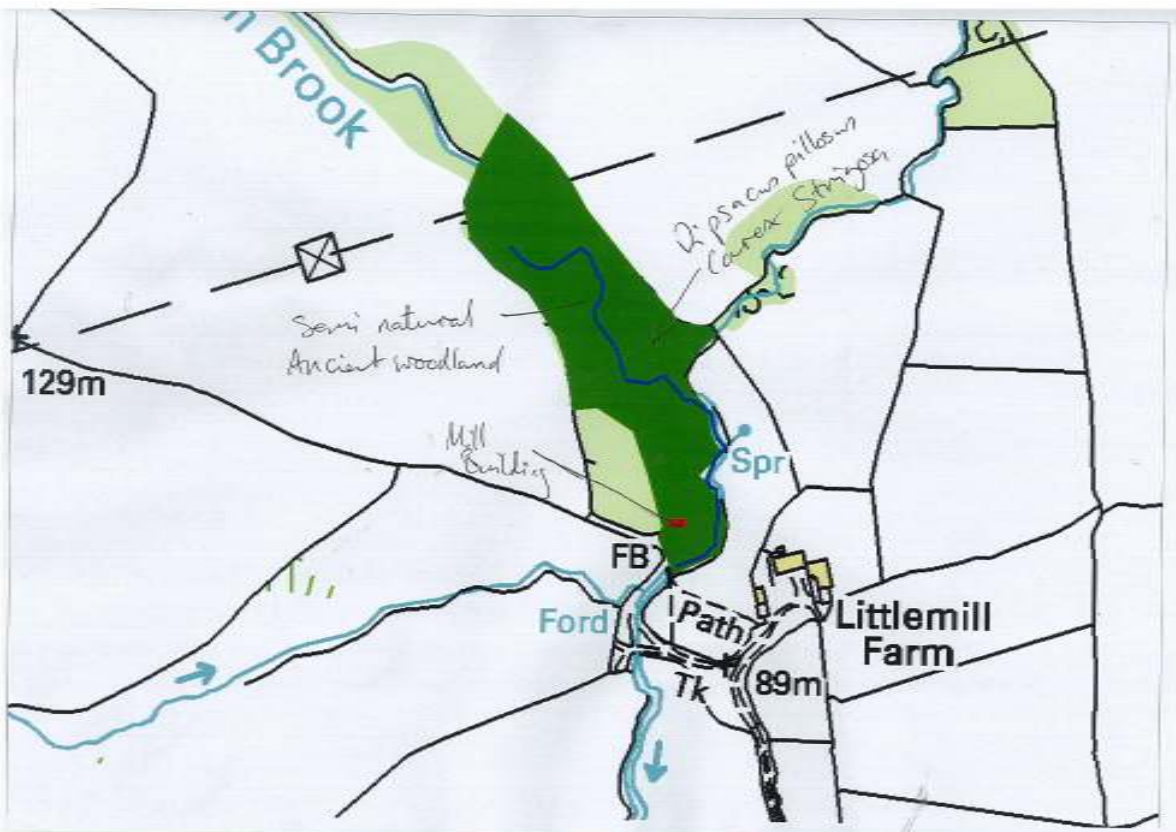
### Qualifying Section of LWS guidelines:

#### **H1) Woodlands**

### Proposed extension area



Site map



**Species List for Little Mill Farm Wood**

<b>SITE NAME: Little Mill Farm Wood</b>				<b>DATE: 21/09/12</b>	
	D		D		D
<b>Acer campestre (field maple)</b>	O	<b>Calamagrostis epigejos (Wood reed)</b>		Oenanthe crocata (hmlck water-dropwort)	
Acer pseudoalbanus (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>	LF
Alnus glutinosa (alder)	A	<b>Campanula patula (spreading bellflower)</b>		<b>Paris quadrifolia (herb-Paris)</b>	
Betula pendula (silver birch)		<b>Campanula trachelium(ntl-lvd bellflower)</b>		Plantago lanceolata (ribwort plantain)	
Betula pubescences		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)		<b>Carex laevigata (smooth-stalked sedge)</b>		<b>Polygonatum multiflorum (solomon's seal)</b>	
Corylus avellana (hazel)	A	<b>Carex pallescens (pale sedge)</b>		<b>Polypodium vulgare</b>	LF
Craetagus monogyna (hawthorn)	F	Carex paniculata		<b>Polystichum aculeatum (hard shield fern)</b>	R
Fagus sylvatica (beech)		<b>Carex pendula (pendulous sedge)</b>		<b>Polystichum setiferum (soft shield fern)</b>	F
Fraxinus excelsior (ash)	A	<b>Carex remota (distant sedge)</b>	R	Potentilla anserina (silverweed)	
Larix decidua (larch)		<b>Carex strigosa (thin-spiked wood-sedge)</b>	O	Potentilla erecta (tormentil)	
Ilex aquifolium (holly)		<b>Carex sylvatica (wood sedge)</b>	R	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>	A	<b>Primula vulgaris (primrose)</b>	
<b>Populus tremula (aspen)</b>		Circaea lutetiana	F	Prunella vulgaris (self-heal)	
Prunus avium (wild cherry)		<b>Conopodium majus (pignut)</b>		<b>Ranunculus auricomus (gldlks buttercup)</b>	
<b>Prunus padus (bird cherry)</b>		<b>Covallaria majalis (lily-of-the-valley)</b>		Ranunculus ficaria (lesser celandine)	
Prunus spinosa (blackthorn)	O	<b>Corydalis claviculata (climbing corydalis)</b>		Ranunculus repens	
<b>Quercus petraea (sessile oak)</b>		Danthonia decumbens (heath grass)		Rumex acetosa (common sorrel)	
Quercus robur (pendunculate oak)	O	<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	O	Deschampsia caespitosa (tftd hair grass)	F	<b>Scrophularia nodosa (figwort)</b>	
Salix caprea	R	<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)		Dryopteris affinis (scaly male fern)		Silene dioica (red campion)	O
<b>Sorbus torminalis (wild service)</b>		Dryopteris dilatata	O	<b>Stachys officinalis (betony)</b>	
<b>Taxus baccata (yew)</b>		Dryopteris filix mas	O	Stachys sylvatica (hedge woundwort)	
<b>Tilia cordata (small-leaved lime)</b>		<b>Elymus caninus (bearded couch-grass)</b>		Stellaria holostea (greater stichwort)	O
<b>Tilia platyphyllos</b>		<b>Epipactis helleborine(b-leaved helleborine)</b>		Stellaria neglecta (greater chickweed)	
<b>Ulmus glabra (wych elm)</b>	F	<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)	F	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>	F
Ilex aquifolium (holly)	O	<b>Galium odoratum (sweet woodruff)</b>		Veronica officinalis	
Lonicera periclymenum (honeysuckle)		Geranium robertianum (herb robert)	O	<b>Vicia sylvatica (wood vetch)</b>	

Pteridium aquilinum (bracken)	LA	<b>Geum rivale (water avens)</b>		<b>Viola palustris (marsh violet)</b>	
<b>Ribes nigrum (Black current)</b>		Geum urbanum	F	<b>Viola reichenbachiana (pale dog violet)</b>	O
<b>Ribes rubrum (redcurrant)</b>		Glechoma hederacea (ground ivy)	A	Viola riviniana (common dog violet)	
Rosa arvensis (field rose)		<b>Gymnocarpium dryopteris (oak fern)</b>		<b>Walenbergia hederacea</b>	
Rosa canina (dog rose)	O	<b>Helleborous viridis</b>		<b>Other species:</b>	
Rubus fruticosus (bramble)	F	Heracleum sphondylium (hogweed)		Dipsacus pilosus	O/LF
Sambucus nigra	O	Holcus lanatus (yorkshire fog)		Solanum dulcamara	O
Thelycrania sanguinea (dogwood)		Holcus mollis (creeping soft grass)		Galeopsis tetrahit	O
Ulex europaeus		<b>Hordelymus europeaus (wood barley)</b>			
<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)	F		
		<b>Iris foetidissima (stinking iris)</b>		<b>Features:</b>	
		<b>Lamiastrum galeobdolon (yllw archangel)</b>	F	Hedgebanks	
		<b>Lathraea squamaria (toothwort)</b>		Ditches	x
		<b>Lathyrus linifolius</b>		Ponds	x
<b>Aconitum napellus (Monkshoods)</b>		<b>Lathyrus sylvestris</b>		Active Badger setts	x
<b>Adoxa moschatellina (moshatel)</b>		Listera ovata (tway-blade orchid)		Wet flushes	X
Aegopodium podararia (ground elder)	F	<b>Luzula forsteri (southern woodrush)</b>		Sunken lane	x
Aira praecox (early hair-grass)		<b>Luzula pilosa (hairy woodrush)</b>		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>	F	<b>Melampyrum pratense (cmn cow-wheat)</b>			
Angelica sylvestris (wild angelica)	O	<b>Melica uniflora (wood mellick)</b>			
Anthoxanthum odoratum (sweet vnl grass)		<b>Melittis melissophyllum (bastard balm)</b>		<b>Bryophytes:</b>	
Anthriscus sylvestris (cow parsley)		<b>Mercurialis perennis (dog's mercury)</b>	F	Plagiomnium undulatum	x
<b>Aquilega vulgaris (columbine)</b>		<b>Milium effusum (wood millet)</b>		Atrichum undulatum	x
Arctium minus		<b>Moehringia trinervum (3-nerved sandwort)</b>		Kindbergia praelonga	x
Arum maculatum (lords and ladies)	R	<b>Monotropa hypopitis (yellow birds nest)</b>			
<b>Asplenium scolopendrium (hartstnge fern)</b>	F	<b>Narcissus pseudonarcissus (wild daffodill)</b>			
<b>Blechnum spicant (hard fern)</b>		<b>Neottia nidus-avis (bird's nest orchid)</b>			
Brachypodium sylvaticum	F	Nettle (Urtica dioica)	A		
<b>Bromus ramosus (hairy brome)</b>					