

<b>Sites of Importance for Nature Conservation in Caerphilly County Borough Council</b>	
<b><u>LDP Policy Ref. NH 3.190</u></b>	<b>SINC name: Nant Fawr, south of Rudry</b>
<b>Grid reference: ST212848</b>	<b>Area (hectares): 45</b>
<b>Survey date: 5<sup>th</sup> April 2007</b>	<b>Surveyed by: Dr Peter Sturgess (Hyder Consulting Ltd.)</b>
<b>(UDP policy references: C10.191, C11.185)</b>	
<b>Summary description</b>	
<p>A series of old woodlands linked by wooded stream corridors. The woodland character varies from damp woodland with a canopy of Alder and Ash to dry woodland with Oak, Beech and Hazel. Most of the woodland has a well-developed understorey, including Hazel, Bramble, Holly and Hawthorn. The woodland ground flora includes semi-natural woodland indicator species; the distribution and diversity of these reflects the variation of canopy species. Cefn Mably woods includes coniferous plantation, which has retained a semi-natural ground flora. Some areas formerly planted with conifers have recently been felled and natural ground flora species are regenerating. A small field of damp neutral grassland adjoins the stream to the east of the area.</p>	
<b>Qualifying features</b>	
Semi-natural woodland with an assemblage of indicator species.	
Presence of Dormouse.	
Presence of Monk's-hood (Nant Du stream).	
Presence of White-clawed crayfish (Nant Fawr stream).	
<b>Secondary features</b>	
Streams.	
Neutral grassland.	
Presence of Wild Daffodil (Nant Du stream).	
<b>Potential value/ unconfirmed features</b>	
Likely to provide good foraging and roosting opportunities for bats.	
Otters may forage along the stream.	
<b>Current management (including problems and opportunities for biodiversity enhancement)</b>	
<p>Mostly low or no-maintenance management. Some of the area below cable lines is coppiced periodically. The Forestry Commission manages Cefn Mably woods. Much of the conifer plantation appears to be reinstating the area as broadleaved woodland, which would be beneficial for biodiversity. Horses lightly graze the neutral grassland, which is probably the optimal management for this area. Himalayan balsam is present in parts and may spread to become a management problem.</p>	

### Access/ community use

Cefn Mably woods have been designated as open access land. The remainder of the woodlands have no public access, although footpaths cross the SINC in several places.

### Additional information

The Nant Fawr stream downstream was not surveyed, but has been included as a link to the River Rhymney SINC NH 3.1 and also due to the presence of White-clawed crayfish in this part of the stream (2005 record).

### Species list (Dominant species, SINC Criteria, RDB or other notable indicator species)

(LBAP species shown in **bold**, species confirmed by 2007 survey in *italics*)

Woodland canopy and shrub species: *Alnus glutinosa*, *Fraxinus excelsior*, *Corylus avellana*, *Betula pubescens*, *Rubus fruticosus*, *Quercus robur*, *Fagus sylvatica*, *Lonicera periclymenum*, *Crataegus monogyna*, *Prunus spinosa*, *Acer campestre*, *Salix caprea*, *Ilex aquifolium*, *Prunus avium*, *Betula pendula*, *Acer pseudoplatanus*, *Rosa canina*, *Sorbus aucuparia*, *Picea* sp., *Larix* sp.

Ground flora species: ***Hyacinthoides non-scripta***, *Aconitum napellus*, *Allium ursinum*, *Anemone nemorosa*, *Chrysosplenium oppositifolium*, *Primula vulgaris*, *Mercurialis perennis*, *Valeriana dioica*, *Ranunculus ficaria*, *Arum maculatum*, *Circaea lutetiana*, *Oxalis acetosella*, *Viola riviniana*, *Viola reichenbachiana*, *Narcissus pseudonarcissus*, *Lamium galeobdolon*, *Sanicula europaea*, *Adoxa moschatellina*, *Angelica sylvestris*, *Rumex sanguineus*, *Geum urbanum*, *Cardamine hirsuta*, *Deschampsia cespitosa*, *Carex sylvatica*, *Carex remota*, *Carex pendula*, *Athyrium filix-femina*, *Polystichum setiferum*, *Dryopteris dilatata*, *Dryopteris filix-mas*, *Blechnum spicant*, *Mnium hornum*, *Kindbergia praelonga*, *Thuidium tamariscinum*, *Polytrichum formosum*, *Pellia* sp., *Conocephalum conicum*, *Leucobryum juniperoideum* (on old stump in Cefn Mably woods).

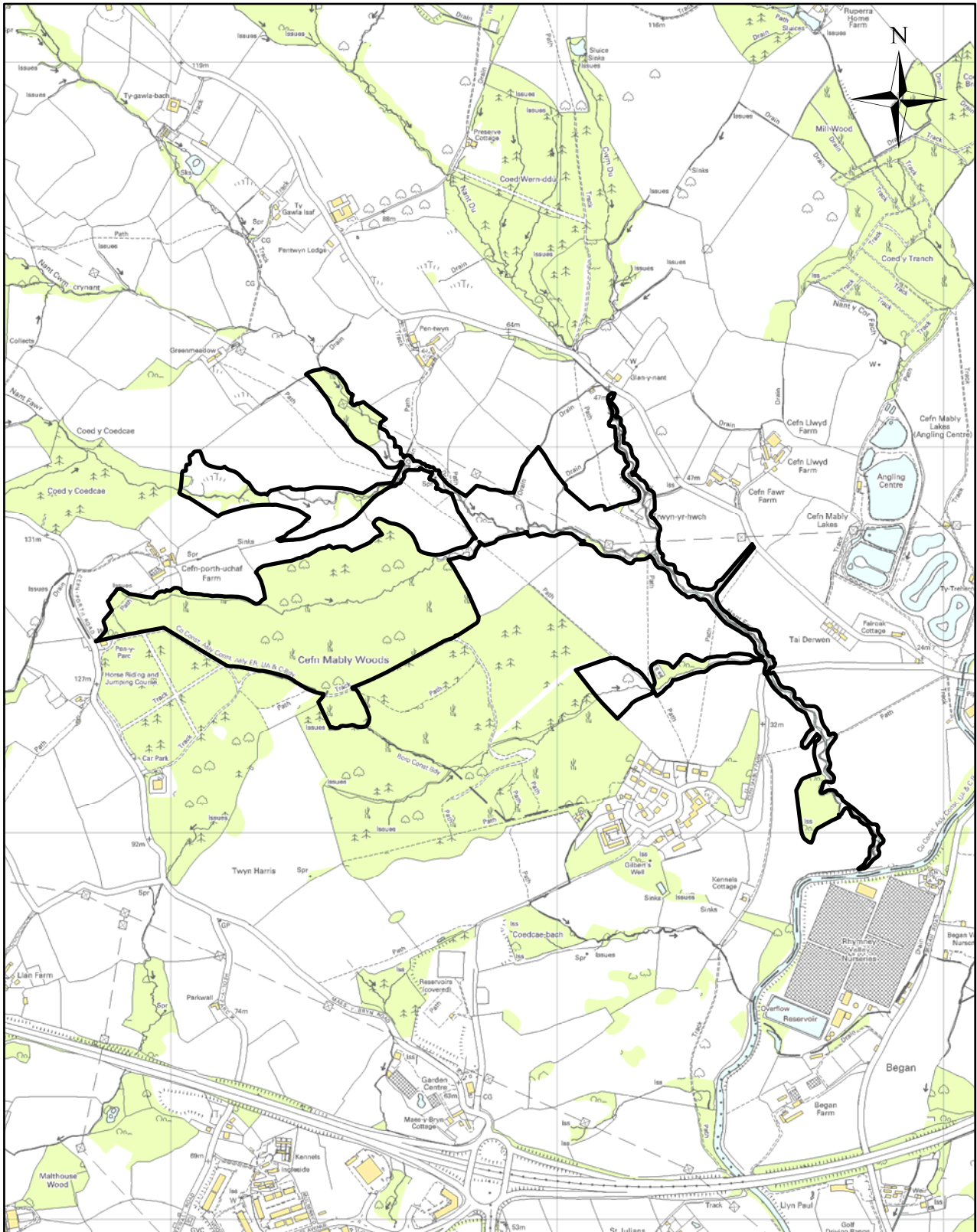
Neutral grassland species: *Iris pseudacorus*, *Oenanthe crocata*, *Luzula campestris*, *Carex caryophylla*, *Ranunculus ficaria*, *Lythrum salicaria*, *Succisa pratensis*, *Pedicularis sylvatica*, *Centaurea nigra*, *Conopodium majus*, *Lychnis flos-cuculi*, *Molinia caerulea*, *Anemone nemorosa*,

Fauna observations: **Buzzard**, **Badger**, *Grey Squirrel*, *Nuthatch*, *Chiffchaff*, *Wood Pigeon*, *Great Tit*, *Coal Tit*, *Wren*, *Great Spotted Woodpecker*, *Pheasant*, *Greenfinch*, *Blackbird*, *Chaffinch*, *Peacock Butterfly*, *Comma Butterfly*, *Orange-tip Butterfly*.

Additional species noted from desk study: **White-Clawed Crayfish**.

Caerphilly County Borough Council  
Site of Importance for Nature Conservation  
LDP Policy Ref: NH 3.190 (SINC 185)  
Nant Fawr, South of Rudry 45 Ha

1:15,000



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