

Sites of Importance for Nature Conservation in Caerphilly County Borough Council	
<u>LDP Policy Ref. NH 3.67</u>	SINC name: Upper Trelyn Woodland, south of Pengam
Grid reference: ST160968	Area (hectares): 2
Survey date: 4th July 2007	Surveyed by: Dr Peter Sturgess (Hyder Consulting Ltd.)
(UDP policy reference: C11.87)	
Summary description	
The SINC supports a stand of mature Sessile oak woodland with a ground flora dominated by Wavy hair-grass, Bracken and Bluebells.	
Qualifying features	
Semi-natural upland Oak woodland.	
Secondary features	
Scrub.	
Potential value/ unconfirmed features	
The woodland area is likely to provide foraging and roosting opportunities for bats.	
The margins of the woodland and scrub habitats are likely to be used by reptiles.	
Current management (including problems and opportunities for biodiversity enhancement)	
The woodland habitats generally appear unmanaged, although there has been some disturbance of parts of the margins by heavy machinery.	
Access/ community use	
Public footpaths run along the north, east and western boundaries. There are also several informal paths crossing the site.	
Additional information	
The extent of the SINC corresponds with that of a Tree Preservation Order (TPO) that exists on the site. The western half of the former UDP SINC has been disturbed through ploughing or re-profiling by heavy machinery, which has removed most of the previously diverse marshy grassland community and pond. The disturbance meant that the majority of the area was un-vegetated at the time of the survey and therefore did not meet the criteria for selection as a SINC. This part of the site has been excluded from the SINC. The marshy grassland species recorded were limited to small pockets retained near to the edge of woodland and scrub, and sparse plants regenerating from roots and the seed bank. The marshy grassland community will take time to recover, and its future species composition and value for nature conservation will only become evident following further survey. The marshy grassland area will therefore be considered at future SINC review.	
Species list (Dominant species, SINC Criteria, RDB or other notable indicator species)	
(LBAP species shown in bold , species confirmed by 2007 survey in <i>italics</i>)	
<u>Woodland canopy and scrub species:</u> <i>Quercus petraea</i> , <i>Corylus avellana</i> , <i>Rubus fruticosus</i> , <i>Crataegus monogyna</i> , <i>Ilex aquifolium</i> , <i>Lonicera periclymenum</i> , <i>Betula pubescens</i> , <i>Hedera helix</i> ,	

Quercus robur, *Sorbus aucuparia*, *Salix caprea*, *Salix cinerea*.

Woodland ground flora species: ***Hyacinthoides non-scripta***, *Oxalis acetosella*, *Stellaria holostea*, *Chamerion angustifolium*, *Digitalis purpurea*, *Teucrium scorodonia*, *Melampyrum pratense*, *Circaea lutetiana*, *Viola riviniana*, *Solidago virgaurea*, *Stachys officinalis*, *Potentilla erecta*, *Deschampsia flexuosa*, *Holcus mollis*, *Agrostis capillaris*, *Anthoxanthum odoratum*, *Deschampsia cespitosa*, *Pteridium aquilinum*, *Blechnum spicant*, *Dryopteris dilatata*, *Dryopteris filix-mas*, *Mnium hornum*, *Kindbergia praelonga*, *Eurhynchium striatum*, *Pseudotaxiphyllum elegans*.

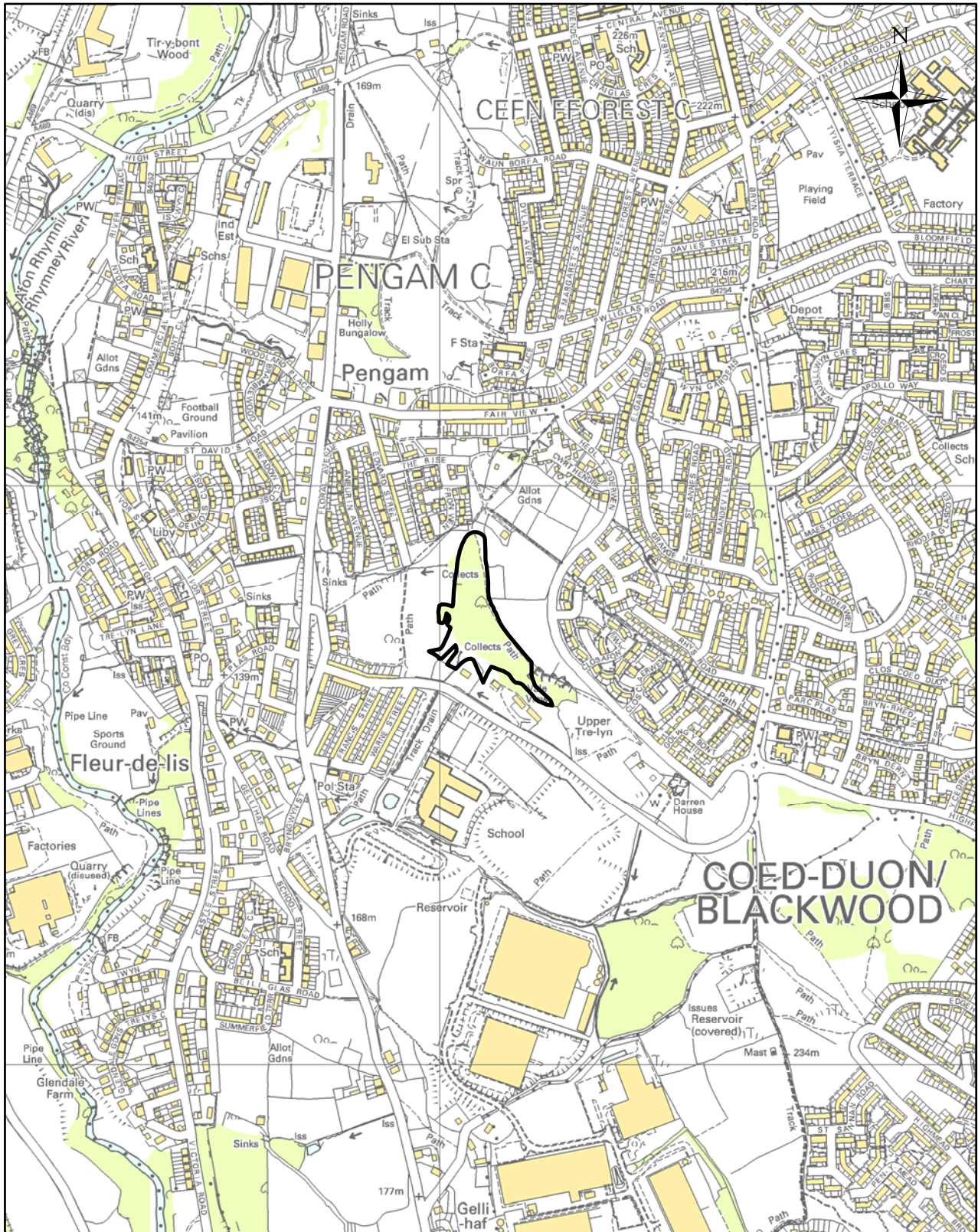
Grassland/ marshy grassland species (generally limited to small patches of retained vegetation at scrub, woodland and ditch margins, and plants regenerating from roots and seeds): *Epilobium hirsutum*, *Rumex obtusifolius*, *Filipendula ulmaria*, *Ranunculus flammula*, *Lotus pedunculatus*, *Angelica sylvestris*, *Hypericum maculatum*, *Valeriana officinalis*, *Succisa pratensis*, *Lychnis flos-cuculi*, *Cirsium palustre*, *Potamogeton polygonifolius*, *Stachys officinalis*, *Potentilla erecta*, *Lotus corniculatus*, *Trifolium pratense*, *Potentilla reptans*, *Centaurea nigra*, *Lathyrus pratensis*, *Trifolium repens*, *Vicia cracca*, *Hieracium sp.*, *Holcus lanatus*, *Arrhenatherum elatius*, *Poa trivialis*, *Agrostis stolonifera*, *Glyceria fluitans*, *Deschampsia cespitosa*, *Molinia caerulea*, *Carex viridula*, *Juncus acutiflorus*, *Juncus effusus*, *Juncus conglomeratus*, *Juncus bufonius*, *Juncus bulbosus*, *Isolepis setacea*, *Equisetum fluviatile*, *Calliergonella cuspidata*.

Fauna observations: **Buzzard**, **Song Thrush**, *Blue Tit*, *Blackbird*, *Robin*, *Magpie*, *Wood Pigeon*.

Additional species noted from desk study and consultation: *Calluna vulgaris*, *Erica tetralix*, *Pedicularis sylvatica*, *Anagallis tenella*, *Galium saxatile*, *Serratula tinctoria*, *Viola palustris*, *Sphagnum sp.* **Marsh Fritillary Butterfly** within 500m of site boundary.

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Site of Importance for Nature Conservation
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Upper Trelyn Woodland, South of Pengam 2 Ha

1:10,000



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Gall hyn arwain at erlyniad neu achos sifil. Cyngor Bwrdeistref Sirol Caerffili, 100025372, 2008.