

Sites of Importance for Nature Conservation in Caerphilly County Borough Council	
<u>LDP Policy Ref. NH 3.7</u>	SINC name: Nant Bargod Flush, Deri
Grid Reference SO107046	Area (hectares): 20
Survey date: 5th September 2007	Surveyed by: Peter Sturgess (Hyder Consulting Ltd)
(UDP policy reference: C11.13)	
Summary description	
<p>The main part of this SINC is a gently east-facing slope with a mix of marshy grassland and flush vegetation. The dominant species include Purple Moor-grass and rushes, with a high proportion of <i>Sphagnum</i> mosses. Associated species include Marsh Violet and Devil's-bit Scabious. The Nant Bargod Rhymni stream flows adjacent to the eastern boundary of the SINC and is locally fringed by semi-improved acid grassland and Alders. A disused railway line runs through the site. This has been recently re-surfaced as a horse-riding track.</p>	
Qualifying features	
Marshy grassland / flush vegetation with at least 12 indicator species.	
Secondary features	
Wet woodland.	
Semi-improved acid grassland.	
Potential value/ unconfirmed features	
Potential to support Small pearl-bordered fritillary butterfly.	
Likely to support good numbers of reptiles.	
Likely to have significant local value for bryophytes.	
The stream corridor is likely to be well used as a flight-line/ feeding area for bats.	
Current management (including problems and opportunities for biodiversity enhancement)	
Currently maintained in a reasonable condition by light grazing by sheep and horses. There are local problems with vandalism and tipping near to the houses at the northern boundary.	
Access/ community use	
A few parts of the site are classified as open access land and a new footpath has recently opened following the line of the Nant Bargod Rhymni. However, there is no formal public access to the majority of the area.	
Additional information	
<p>The western boundary was mapped by binoculars and aerial photographs and has been drawn up to ditches and other boundaries that are clearly defined on the ground. However, the actual area of nature conservation value is likely to extend beyond these. It may be appropriate to extend the SINC in future reviews when more survey data are available. The fields to the southeast (SO110043, SO110041, 112039) support horse-grazed semi-improved acid grassland with damp areas and anthills. All of them appear to be potentially suitable for grassland fungi, and may meet SINC selection criteria for semi-improved acid grassland. The nearby damp grassland area at SO109042, dominated by Purple moor-grass should also be investigated at future SINC review.</p>	

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

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

Tree and shrub species (mainly beside Nant Bargod stream): *Quercus petraea*, *Alnus glutinosa*, *Fagus sylvatica*, *Betula pubescens*, *Fraxinus excelsior*, *Crataegus monogyna*, *Sorbus aucuparia*, *Salix caprea*, *Salix aurita*, *Malus domestica*, *Corylus avellana*.

Ground flora associated with areas of tree cover (mainly beside Nant Bargod stream): *Viola palustris*, *Mentha aquatica*, *Scrophularia nodosa*, *Molinia caerulea*, *Deschampsia cespitosa*, *Deschampsia flexuosa*, *Juncus effusus*, *Athyrium filix-femina*, *Dryopteris dilatata*, *Dryopteris filix-mas*, *Plagiomnium undulatum*, *Mnium hornum*, *Kindbergia praelonga*, *Eurhynchium striatum*.

Marshy grassland/ flush vegetation: *Potentilla erecta*, *Digitalis purpurea*, *Succisa pratensis*, *Valeriana officinalis*, *Stachys palustris*, *Callitriche* sp., *Ranunculus flammula*, *Lotus pedunculatus*, *Galium palustre*, *Cirsium palustre*, *Epilobium palustre*, *Viola palustris*, *Hydrocotyle vulgaris*, *iris pseudacorus*, *Filipendula ulmaria*, *Angelica sylvestris*, *Molinia caerulea*, *Agrostis capillaris*, *Nardus stricta*, *Deschampsia cespitosa*, *Briza media*, *Agrostis stolonifera*, *Carex binervis*, *Carex ovalis*, *Carex hirta*, *Carex echinata*, *Carex panicea*, *Juncus effusus*, *Juncus acutiflorus*, *Juncus bulbosus*, *Pteridium aquilinum*, *Athyrium filix-femina*, *Dryopteris filix-mas*, *Sphagnum fimbriatum*, *Sphagnum palustre*, *Sphagnum denticulatum*, *Sphagnum inundatum*, *Sphagnum capillifolium*, *Sphagnum papillosum*, *Straminergon straminea*, *Polytrichum commune*, *Aulacomnium palustre*, *Pleurozium schreberi*, *Warnstorfia exannulata*, *Scapania undulata*.

Species from semi-improved acid grassland at disused tip (SO107050): *Rumex acetosella*, *Tussilago farfara*, *Pilosella officinarum*, *Potentilla erecta*, *Polygala vulgaris*, *Hypochaeris radicata*, *Leontodon hispidus*, *Galium saxatile*, *Calluna vulgaris*, *Festuca ovina*, *Agrostis capillaris*, *Nardus stricta*, *Danthonia decumbens*, *Molinia caerulea*, *Bromus hordeaceus*, *Carex ovalis*, *Juncus squarrosus*, *Racomitrium ericoides*, *Racomitrium cf heterostichum*, *Hypnum jutlandicum*, *Pleurozium schreberi*.

Species from damp semi-improved acid grassland fields outside of SINC to south-east (SO110043, SO110041, 112039): *Potentilla erecta*, *Lotus corniculatus*, *Galium saxatile*, *Rumex acetosella*, *Epilobium brunnescens*, *Trifolium repens*, *Cardamine pratensis*, *Ranunculus flammula*, *Wahlenbergia hederacea*, *Veronica beccabunga*, *Lotus pedunculatus*, *Anagallis tenella*, *Cirsium palustre*, *Leontodon autumnalis*, *Veronica beccabunga*, *Filipendula ulmaria*, *Epilobium palustre*, *Festuca rubra*, *Agrostis capillaris*, *Cynosurus cristatus*, *Holcus lanatus*, *Agrostis stolonifera*, *Molinia caerulea*, *Carex ovalis*, *Carex panicea*, *Juncus effusus*, *Juncus bulbosus*, *Dryopteris filix-mas*, *Sphagnum cf inundatum*.

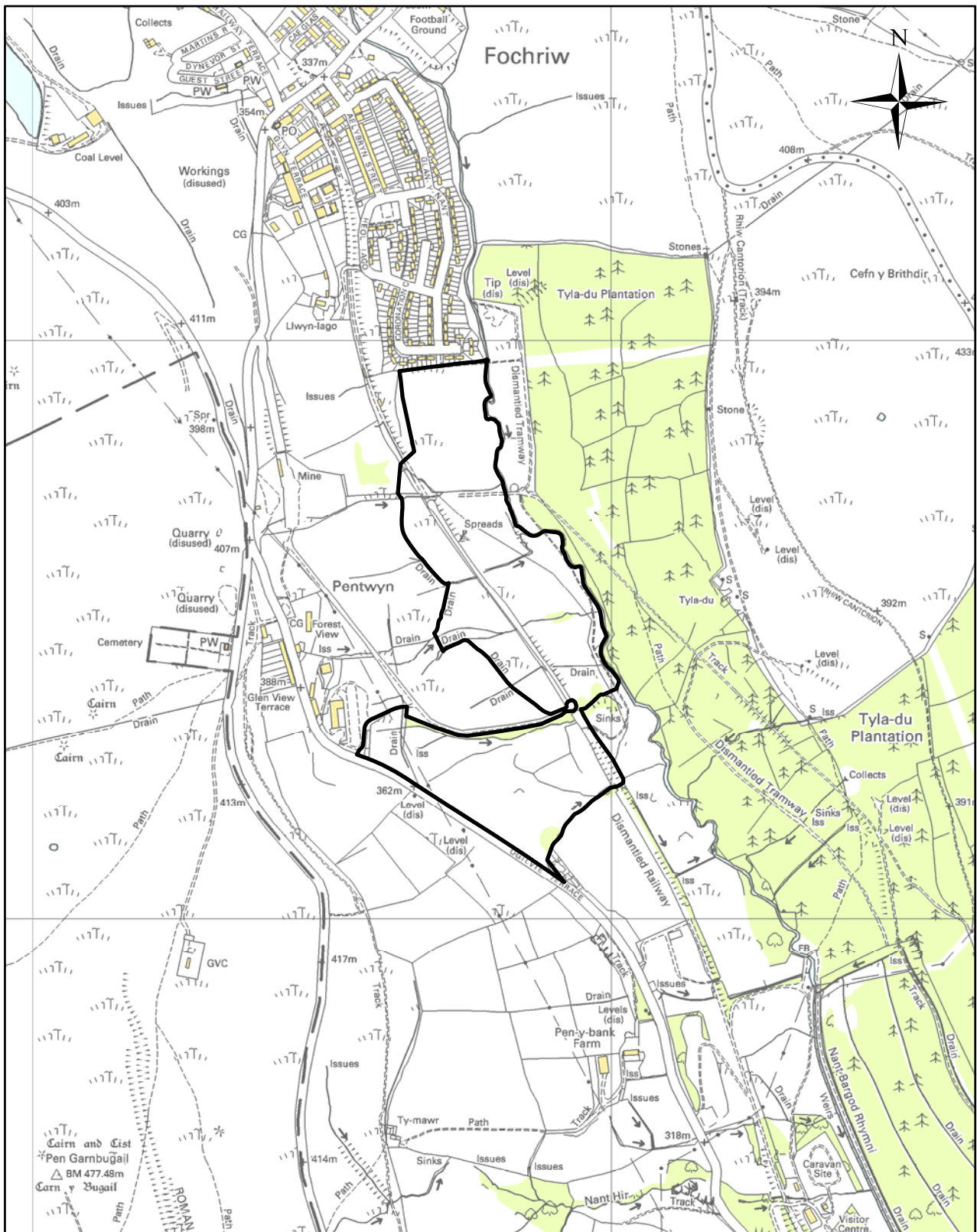
Fauna observations: **Buzzard**, **Bullfinch**, *Meadow Pipit*, *Blackbird*, *Jackdaw*, *Jay*, *Nuthatch*, *Blue Tit*, *Great Spotted Woodpecker*, *Peacock Butterfly*, *cf Beautiful Demoiselle Damselfly*.

Additional records from desk study: **Green Woodpecker**, *Erica tetralix*, *Wahlenbergia hederacea*, *Caltha palustris*, **Dactylorhiza praetermissa**, **Dactylorhiza maculata**, *Luzula campestris*, *Ajuga reptans*, *Carex viridula*, *Cirsium dissectum*, *Eriophorum angustifolium*, *Myosotis scorpioides*, *Lychnis flos-cuculi*, *Veronica scutellata*, *Vaccinium myrtillus*, *Sanguisorba officinalis*, *Equisetum fluviatile*, *Valeriana dioica*, *Trichophorum cespitosum*, *Polygala serpyllifolia*,

Species recorded within same 1km grid squares include Small Pearl-bordered Fritillary butterfly, *Anagallis tenella* and *Narthecium ossifragum*.

Caerphilly County Borough Council
Site of Importance for Nature Conservation
LDP Policy Ref: NH 3.7 (SINC 013)
Nant Bargod Flush, South of Fochriw 18 Ha

1:10,000



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