

Sites of Importance for Nature Conservation in Caerphilly County Borough Council	
<u>LDP Policy Ref. NH 3.93</u>	SINC name: Greenlands Meadow, Pentwynmawr
Grid reference: ST192964	Area (hectares): 1
Survey date: 19th July 2007	Surveyed by: Dr Peter Sturgess (Hyder Consulting Ltd.)
(UDP policy reference: C11.73)	
Summary description	
The site is a small horse-grazed field, with a short, moderately diverse neutral grassland sward. Species include Common knapweed, Devil's-bit scabious and Common centaury. Bracken is present beside the hedge margins. The field also supports a high density of waxcap fungi.	
Qualifying features	
Neutral grassland with at least 8 indicator species.	
Secondary features	
Grassland supporting waxcap fungi. Hedges.	
Potential value/ unconfirmed features	
The presence of a large number of waxcaps in July suggests that this is a good site for grassland fungi. The site is likely to support additional grassland fungi species and may reach SINC selection criteria for waxcaps.	
Current management (including problems and opportunities for biodiversity enhancement)	
Horses graze the field. The grazing seems relatively heavy, but this may be optimal for the grassland fungi. A very slight reduction in grazing pressure may allow a wider diversity of plants to flower, without adversely affecting the fungi.	
Access/ community use	
Public footpaths pass through the site and along its northern edge.	
Additional information	
The field to the south of the SINC boundary supports a mixture of neutral grassland, damp ground and scrub. It is grazed by the same horses as the SINC (there is open access between the fields) and is therefore likely to support many of the same species. However, it appears to be more disturbed, is heavily poached by horses and contains Japanese knotweed. This field should be re-investigated 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>)	
Hedge tree and shrub species: <i>Quercus robur</i> , <i>Corylus avellana</i> , <i>Acer pseudoplatanus</i> , <i>Lonicera periclymenum</i> , <i>Rubus fruticosus</i> , <i>Crataegus monogyna</i> , <i>Ilex aquifolium</i> , <i>Hedera helix</i> .	

Hedge ground flora species: ***Hyacinthoides non-scripta***, *Viola riviniana*, *Stellaria holostea*, *Hypericum pulchrum*, *Geranium robertianum*, *Pteridium aquilinum*, *Dryopteris dilatata*, *Dryopteris filix-mas*.

Grassland species: *Succisa pratensis*, *Lotus corniculatus*, *Achillea millefolium*, *Prunella vulgaris*, *Ranunculus acris*, *Trifolium pratense*, *Holcus lanatus*, *Agrostis capillaris*, *Anthoxanthum odoratum*, *Luzula campestris*.

Grassland species in western field: *Centaurea nigra*, *Succisa pratensis*, *Trifolium pratense*, *Plantago lanceolata*, *Senecio jacobaea*, *Centaureum erythraea*, *Lotus corniculatus*, *Ranunculus acris*, *Leontodon hispidus*, *Leontodon autumnalis*, *Hypochaeris radicata*, *Holcus lanatus*, *Agrostis capillaris*, *Cynosurus cristatus*, *Anthoxanthum odoratum*, *Festuca rubra*, *Pteridium aquilinum*, *Luzula campestris*, *Calliergonella cuspidata*.

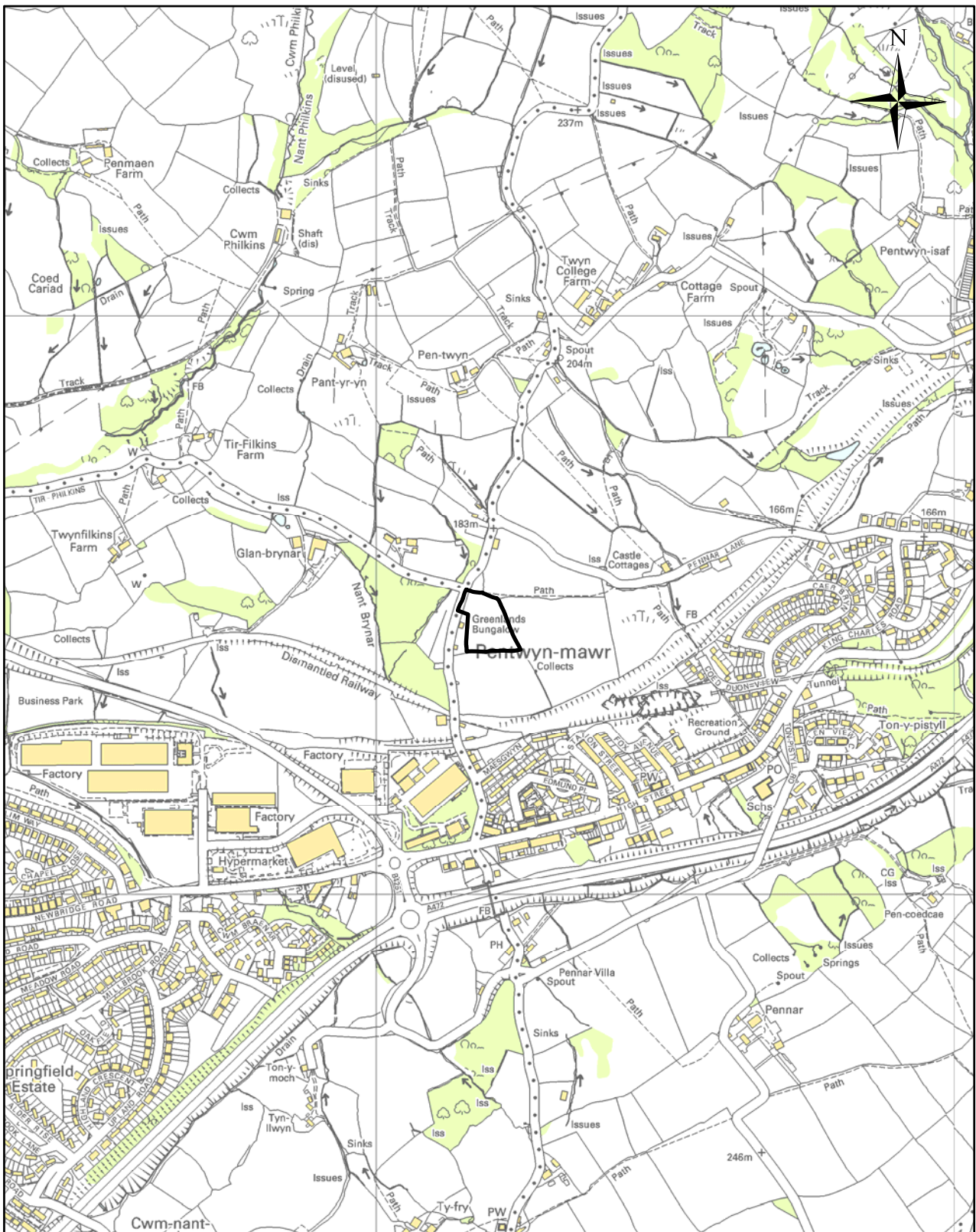
The fungi *Hygrocybe intermedia*, *H. conica*, *H. chlorophana*, *H. chlorophana* var *aurantiaca*, *H. flavipes* and *H. quieta*, and several *Entoloma* species, were noted in the field.

Fauna observations: Rabbit, **House Sparrow**, Greenfinch, Sparrowhawk, Meadow Brown Butterfly.

Additional species noted from desk study and consultation: Records of **Noctule Bat** and **Natterer's Bat** foraging approx 250m from SINC.

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Greenlands Meadow, Pentwynmawr 1 Ha

1:10,000



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Atgynhychwyd o fapiad yr Arolwg Ordnans gyda chaniatad rheolwr Llyfrfa ei Mawrhydi hawlfraint y Goron. Mae atgynhychu heb awdurdod yn torri hawlfraint y Goron.
Gall hyn arwain at erlyniad neu achos sifil. Cyngor Bwrdeistref Sirol Caerffili, 100025372, 2008.