

**CYNGOR CEFN GWLAD CYMRU
COUNTRYSIDE COUNCIL FOR WALES**

SITE OF SPECIAL SCIENTIFIC INTEREST CITATION

POWYS

PEN-DUGWM WOODS

Date of Notification: 1963, 1983
National Grid Reference: SJ 107140
O.S. Maps: 1:50,000 Sheet number: 125
1:25,000 Sheet number: SJ 11
Site Area: 13 ha

Description:

These woodlands have developed on the steep sides of the narrow valley of the Nant-y-Pandy, cut in Ordovician shales.

The base status of the soils in the valley as reflected by the flora appears to vary greatly. Thus parts of the north-facing oak woodlands at the western end of the site have a ground flora dominated by bilberry *Vaccinium myrtillus* and wavy hair-grass *Deschampsia flexuosa*, whilst the east-facing slopes at the southern end (with oak and some ash and elm) support a rich and varied flora, including early-purple orchid *Orchis mascula* and tutsan *Hypericum androsaemum*. The bird's nest-orchid *Neottia nidus-avis* has also been recorded from the area.

On the trunks of the older oak and ash trees a well developed epiphytic moss and lichen vegetation is found, including the lichen *Thelotrema lepadinum*.

Remarks:

3 hectares of the site are owned by the North Wales Naturalists' Trust and managed as a nature reserve, called Coed Pendugwm.

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