CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES

SITE OF SPECIAL SCIENTIFIC INTEREST CITATION

POWYS COED MAWR

Date of Notification: 1985

National Grid Reference: SN 944811

O.S. Maps: 1:50,000 Sheet number: 136

1:25,000 Sheet number: SN 98

Site Area: 3.4 ha

Description:

This site is a good example of a very uncommon woodland type in Montgomery. Wet woodlands of this kind, developed on hill slopes or plateau edges, containing a mixture of tree species in which birch and alder are important constituents and characterised by bog-mosses *Sphagnum spp*. in the ground-layer make up less than 5% of semi-natural woodland in the District.

The site is all that remains of a larger woodland that has been cleared in recent years. It lies between 260 and 290 metres (850 and 950 feet) above sea level and has a northern aspect. It is fenced against stock.

Most of the woodland is apparently secondary growth from stumps. Birch is dominant, rowan is abundant and there is a well developed understorey of hazel. Alder is a minor canopy species, but is widely distributed. Some oak and willow is also scattered throughout the wood. Honeysuckle *Lonicera periclymenum* is a frequent climber on the trees and understorey.

The ground-layer is very wet, is locally herb-rich and has several moss species abundantly represented. Typical flowering plants of the herb-rich areas include yellow pimpernel *Lysimachia nemorum*, selfheal *Prunella vulgaris* and the locally uncommon smooth-stalked sedge *Carex laevigata*. Other species include angelica *Angelica sylvestris*, alternate-leaved golden-saxifrage *Chrysosplenium alternifolium*, enchanter's-nightshade *Circaea lutetiana* and marsh violet *Viola palustris*.

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