

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

SITE OF SPECIAL SCIENTIFIC INTEREST CITATION

POWYS

CWM GWYNLLYN

Date of Notification: 1980, 1983

National Grid Reference: SN 945692

O.S. Maps: 1:50,000 Sheet number: 136, 147
1:25,000 Sheet number: SN 96

Site Area: 91.5 ha

Description:

This site has a number of features of biological and geomorphological interest. Its geomorphology provides evidence of past glaciation. Coed Wennallt is a good example of a freely drained, grazed sessile oakwood developed on acidic Silurian strata. It has a diverse bryophyte flora. Gwynllyn, a small oligotrophic lake, is surrounded by a well developed open water transition mire grading into soligenous mire. Parts of this mire are floristically rich. The open water transition area includes species such as bottle sedge *Carex rostrata*, bogbean *Menyanthes trifoliata* and marsh cinquefoil *Potentilla palustris*. An area of *Sphagnum* lawn in the soligenous mire is of particular interest both for its species richness and the abundance of the locally uncommon ivy-leaved bellflower *Wahlenbergia hederacea*. Other areas have been colonised by willow and alder and support a rich epiphytic lichen flora. A diverse range of habitats is provided by the wet meadow and mire communities surrounding Gwynllyn, each with its characteristic flora.

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