

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

SITE OF SPECIAL SCIENTIFIC INTEREST CITATION

POWYS

**CORS TŶ-GWYN
(TŶ-GWYN MIRE)**

Date of notification: 1984

National grid reference: SJ 103111

O.S. Maps: 1:50,000 Sheet number: 125
1:25,000 Sheet number: SJ 11

Site area: 2.1 ha

Description:

This site is a good example of a basin mire on which natural succession has progressed to the woodland stage. It is a small well defined basin which, despite the lack of any obvious inflow stream, is extremely wet with a swamp-like vegetation community. It is unfenced, but access by stock is restricted by ground conditions.

Virtually all of the site is covered by a carr of birch *Betula pubescens*, willow *Salix cinerea/aurita* and alder *Alnus glutinosa*. The margins of the site tend to be stagnant mud, but elsewhere is swamp with bottle sedge *Carex rostrata*, marsh cinquefoil *Potentilla palustris*, common sedge *Carex nigra* and bogbean *Menyanthes trifoliata*. Locally there are extensive lawns of bog-mosses *Sphagnum spp.*, with localised areas of round-leaved sundew *Drosera rotundifolia*. At the western end of the site water horsetail *Equisetum fluviatile* is more dominant.

Towards the centre of the site trees are much more scattered and there is a core area consisting of lawns of bog-mosses with hairmoss *Polytrichum commune* and extensive areas of cottongrasses *Eriophorum vaginatum* and *E. angustifolium*. This vegetation community is surrounded by a transitional zone similar to the swamp community, but with more heather *Calluna vulgaris* and cross-leaved heath *Erica tetralix* in the hummocks of bog-mosses.

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