CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES

SITE OF SPECIAL SCIENTIFIC INTEREST CITATION

POWYS DROSTRE BANK

<u>Date of Notification:</u> 1972, 1980, 1983, 2000

National Grid Reference: SO 097312

O.S. Maps: 1:50,000 Sheet number: 161

1:10,000 Sheet number: SO 03 SE

Site Area: 12.6 ha

Description:

Drostre Bank is of special interest for its fen-meadow and wet woodland, and the association of these with rush pasture and other woodland.

The site is situated on gently sloping ground at an altitude of 220-230 m, approximately 6 km north east of Brecon. The underlying geology consists of Old Red Sandstone. The soils are typical brown earths, but within the site, the ground is poorly drained.

The fen-meadow vegetation is characterised by the prominence of purple-moor grass *Molinia caerulea*, abundant meadow thistle *Cirsium dissectum*, and frequent tawny sedge *Carex hostiana* and flea sedge *Carex pulicaris*. Associated species include sweet vernal-grass *Anthoxanthum odoratum*, quaking-grass *Briza media*, marsh valerian *Valeriana dioica*, saw-wort *Serratula tinctoria* and devil's-bit scabious *Succisa pratensis*. A base-rich flush associated with this vegetation supports locally dominant common cottongrass *Eriophorum angustifolium* and marsh horsetail *Equisetum palustre*, with a luxuriant carpet of mosses, including *Campylium stellatum* and *Ctenidium molluscum*. Scattered throughout the fen meadow are small stands of rush-pasture, associated with wetter drains and depressions. These are dominated by sharp-flowered rush *Juncus acutiflorus* or soft-rush *Juncus effusus*, with frequent meadowsweet *Filipendula ulmaria*, ragged-robin *Lychnis flos-cuculi* and angelica *Angelica sylvestris*.

The wet woodland has an open canopy consisting of alder *Alnus glutinosa*, downy birch *Betula pubescens*, ash *Fraxinus excelsior* and rusty willow *Salix cinerea ssp. oleifolia*. The shrub layer is generally dense and mainly composed of hazel *Corylus avellana*, with locally frequent ash and rusty willow saplings. The field layer is species-rich and typified by frequent meadowsweet, tufted hair-grass *Deschampsia cespitosa*, rough meadow-grass *Poa trivialis*, wood-sorrel *Oxalis acetosella* and remote sedge *Carex remota*. The remaining woodland is drier and largely dominated by downy birch or oak hybrids *Quercus spp.*, with a shrub layer of hazel, rowan *Sorbus aucuparia*, hawthorn *Crataegus monogyna* and locally abundant holly *Ilex aquifolium*. The field layer is a patchy mix of bramble *Rubus fruticosus agg.*, bluebell *Hyacinthoides non-scripta* and creeping soft grass *Holcus mollis* with frequent broad buckler fern *Dryopteris dilatata* and enchanters-nightshade *Circaea lutetiana* among other species.

Bay willow *Salix pentandra* occurs in the western field; Drostre Bank represents the extreme south eastern edge of its range in Britain. Other uncommon plants recorded from the site include early marsh orchid *Dactylorhiza incarnata*, petty whin *Genista anglica* and pepper saxifrage *Silaum silaus*.

Remarks:

This site contains vegetation assignable to the "Molinia meadows on chalk and clay (<u>Eu-Molinion</u>)" habitat type listed in Annex I of Council Directive 92/43/EEC on the Conservation of Natural Habitats and Wild Flora and Fauna, for which the site has been listed as a candidate Special Area of Conservation.

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