

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

SITE OF SPECIAL SCIENTIFIC INTEREST CITATION

CAERPHILLY

NELSON BOG

Date of Notification: 1989
National Grid Reference: ST 121956
O.S. Maps: 1:50,000 Sheet number: 170
1:25,000 Sheet number: ST 09/19
Site Area: 27.7 ha

Description:

Nelson Bog is a valley mire receiving relatively base-poor waters from the underlying Coal Measure rocks and adjoining wet pastures associated with marginal hill farming activities typical of the South Wales Coalfield.

The major interest of the site is in the range and diversity of mire communities to be found. These extend from poor fen, through mesotrophic grasslands to areas of alder carr and upland hazel/sessile oak woodland.

The poor fen communities are characterised by *Phragmites* and a range of *Carex spp.*

The mesotrophic grasslands are dominated by *Molinia caerulea*, with *Potentilla erecta*, *Holcus lanatus*, *Juncus effusus* and *Ranunculus spp.*

Alder carr generally grades into poor fen, and is dominated by an abundance of *Carex paniculata*.

In addition, it is a very rich ornithological site with over 90 species recorded to date.

*This document is **NOT** a definitive legal version and has been formatted, updated and partially edited for use on the CCW Web site. This document should not be used in any legal proceedings, public enquiry or any other hearing or appeal. If you require a full legal copy of the document please contact CCW in writing.*