

CITATION

DIN MOSS - HOSELAW LOCH
SITE OF SPECIAL SCIENTIFIC INTEREST
Scottish Borders

Site code: 512

NATIONAL GRID REFERENCE: NT 806315

OS 1:50,000 SHEET NO: Landranger Series 74
1:25,000 SHEET NO: Explorer Series 339

AREA: 50.59 hectares

NOTIFIED NATURAL FEATURES

Geological : Quaternary geology and geomorphology : Quaternary of Scotland

Biological : Bogs : Raised bog
: Freshwater habitats : Eutrophic loch
: Birds : Greylag goose (*Anser anser*), non-breeding

DESCRIPTION

Din Moss - Hoselaw Loch Site of Special Scientific Interest (SSSI) lies approximately 7.5 kilometres south-east of Kelso in the Scottish Borders.

This is a nationally important geological site for Holocene vegetation history. The sediments from the raised bog at Din Moss provide a detailed pollen record, supported by radiocarbon dating, of vegetational history and environmental change in south-east Scotland during the Holocene. This record is particularly important in showing the timings of arrival and expansion of different woodland types in the area.

The south-west part of the site, Din Moss, is one of the largest and most intact areas of raised bog in the Scottish Borders. The central expanse of the raised bog is dominated by heather and bog mosses (*Sphagnum* species) surrounded on two sides by vestiges of a lagg-fen and burn with associated alder, birch and willow carr.

Hoselaw Loch is a shallow, eutrophic (naturally nutrient-rich) loch lying at mid-altitude (approximately 180 metres above sea level). The open water of the loch supports a limited but characteristic range of aquatic vegetation including spiked water-milfoil *Myriophyllum spicatum* and amphibious bistort *Persicaria amphibia*. The loch margins support a thin belt of emergent vegetation including reeds *Phragmites* and bulrush *Typha* species.

Hoselaw Loch is a historical winter roost for greylag geese *Anser anser*, with goose populations showing annual variations in abundance and distribution in southern Scotland.

NOTIFICATION HISTORY

First notified under the 1981 Act: 17 October 1983

Notification reviewed under the 2004 Act: 31 January 2011, revised 15 February 2011

REMARKS

Measured area of site corrected (from 45.7ha).

Din Moss and Hoselaw Loch SSSI is also designated as Din Moss – Hoselaw Loch special protection area (SPA) for the birds listed below.

Birds: Greylag goose (*Anser anser*), non-breeding
Pink-footed goose (*Anser brachyrhynchus*), non-breeding