

## CITATION

### REDMYRE SITE OF SPECIAL SCIENTIFIC INTEREST Perth and Kinross

Site code: 1341

NATIONAL GRID REFERENCE: NO 280340

OS 1:50,000 SHEET NO: Landranger Series 53

1:25,000 SHEET NO: Explorer Series 380

AREA: 6.43 hectares

## NOTIFIED NATURAL FEATURES

**Biological: Fens: Basin fen**

## DESCRIPTION:

Redmyre lies 1km to the south-east of Little Ballo, off the A923, at an altitude ca. 200-210 metres. The site is important as it is one of the largest and least disturbed areas of poor to mid fen in Perth and Kinross. The fen is contained within a depression, or basin, where the local landform gives rise to a permanently high water table - this type of feature is known as a topogenous or basin fen. The site supports several different types of vegetation characteristic of this habitat as well as a number of plant species of restricted distribution.

The mire is acidic in nature but in areas particularly at the eastern end of the site, mineral-rich flushing leads to the presence of higher nutrient levels. Species which require these conditions like the rare broad-leaved cottongrass *Eriophorum latifolium* and the mosses *Tomentypnum nitens* and *Rhizomnium pseudopunctatum* occur whilst *Sphagnum warnstorffii* is also notable. The mire itself is a floating raft of vegetation with slender sedge *Carex lasiocarpa* being a conspicuous component. Other elements of this community include short sedges especially bottle sedge *Carex rostrata*, horsetails *Equisetum* spp., as well as marsh herbs such as bogbean *Menyanthes trifoliata*, and marsh cinquefoil *Potentilla palustris*.

The site also supports a number of rarer plant species including the nationally scarce coralroot orchid *Corallorhiza trifida*, as well as several locally rare species, including bog/mud sedge *Carex limosa* and few-flowered spike rush *Eleocharis quinqueflora*.

The fen itself is surrounded by unimproved acid grassland and dwarf shrub heath.

## NOTIFICATION HISTORY

First notified under the Wildlife and Countryside Act 1981: 30 January 1984

Notification reviewed under the Nature Conservation (Scotland) Act 2004:

06 October 2010

## REMARKS

Measured area of site corrected (from 7.6 ha).