

File ref:

County: Nottinghamshire **Site name:** Roe Wood

District: Newark

Status: Site of Special Scientific Interest (SSSI) notified under Section 28 of the Wildlife and Countryside Act 1981

Local Planning Authority: Newark District Council

National Grid Reference: SK 699589 **Area:** 47.16 (ha)

Ordnance Survey Sheet 1: 50 000: 120 **1: 10 000:** SK 65 NE, SK 75 NW

Date Notified (Under 1949 Act): 1981 **Date of Last Revision:**

Date Notified (Under 1981 Act): 1983 **Date of Last Revision:** -

Other Information:

Reasons for Notification:

The site comprises one of the best remaining examples of semi-natural broad-leaved woodland in Nottinghamshire, and is representative of semi-natural woodland developed on clay soils in Central England.

Biology:

Roe Wood may be considered as representing a transitional stage between the ash-wych elm woods and the ash-oak-maple woods of the central Nottinghamshire series of woods developed on clay soils derived from the Triassic Keuper Marl. Although the woodland structure has been modified by recent management Roe Wood retains a well developed and characteristic woodland flora. The semi-natural community is dominated by ash *Fraxinus excelsior*, and locally, wych elm *Ulmus glabra* and birch *Betula pendula*, while other components of the canopy include oak *Quercus robur* and wild service tree *Sorbus torminalis*. A wide variety of shrub species are present, the most abundant of which are hazel *Corylus avellana*, field maple *Acer campestre*, privet *Ligustrum vulgare*, and hawthorn *Crataegus monogyna*, while the herb layer is exceptionally rich including such characteristic species as primrose *Primula vulgaris*, sweet woodruff *Asperula odorata*, early purple orchid *Orchis mascula*, great bellflower *Campanula latifolia*, pendulous sedge *Carex pendula* and broad-leaved helleborine *Epipactis helleborine*. The woodland rides are a notable feature of the wood being characterised by an abundance of bugle *Ajuga reptans* and wood pimpernel *Lysimachia nemorum*.