

**European Community Directive
on the Conservation of Natural Habitats
and of Wild Fauna and Flora
(92/43/EEC)**

**Second Report by the United Kingdom under
Article 17
on the implementation of the Directive
from January 2001 to December 2006**

**Conservation status assessment for
Habitat:**

**H9180 - *Tilio-Acerion* forests of slopes, screes and
ravines**

The information in this assessment corresponds to the "habitat fact sheet" submitted by the UK to the European Union in February 2008 (second and final submission). Please note that this is a section of the UK's report. For the complete report visit <http://www.jncc.gov.uk/article17>

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Habitat Name: *Tilio-Acerion* forests of slopes, screes and ravines

1. National level

Habitat Code H9180

Member State UK

Biogeographic regions concerned within the MS ATL

1.1 Habitat range map



1.2 Habitat distribution map



2. Biogeographic level

2.1 Biogeographic region or marine region

ATL

2.2 Published sources and/or websites

BARKER, S. 1998. The history of the Coniston woodlands, Cumbria, UK. In: Kirby, K.J. and Watkins, C. (eds.) The Ecological History of European Forests. CABI, Wallingford. 167-183.

CARTER, A. 1988. Shropshire Inventory of Ancient Woodlands (Provisional Draft, Revised Summer 1988) Nature Conservancy Council, Peterborough.

HALL, J. 1997. An analysis of National Vegetation Classification survey data. JNCC Report, No. 272, Peterborough.

JACKSON, D.L. & MCLEOD, C.R. (eds.) 2002. Handbook on the UK status of EC Habitats
Directive interest features: provisional data on the UK distribution and extent of

Annex I habitats and the UK distribution and population size of Annex II species. JNCC Report, No. 312. Version 2.
www.jncc.gov.uk/page-2447

MERTON, L.F.H. 1970. The history and status of the woodlands of the Derbyshire limestone. *Journal of Ecology* 58, 723-44.

PETERKEN, G.F. & MOUNTFORD, E.P. 1998. Long-term change in an unmanaged population of wych elm subjected to Dutch elm disease. *Journal of Ecology* 86, 205-218.

PIGGOT, C.D. 1969. The status of *Tilia cordata* and *T. platyphyllos* on the Derbyshire limestone. *Journal of Ecology* 57, 491-504.

RACKHAM, O. 2003. *Ancient Woodland: its History, Vegetation and Uses in England* (New Edition). Castlepoint Press, Dalbeattie.

SPENCER, J.W. & KIRBY, K.J. 1992. An inventory of ancient woodland for England and Wales. *Biological Conservation* 62, 77-93.

RODWELL, J.S. (ed.) 1991. *British Plant Communities Volume 1: Woodlands and Scrub*. Cambridge University Press, Cambridge.

RODWELL, J. & DRING, J. 2001. European significance of British woodland types. *English Nature Research Report No. 460* (Volumes 1-2). English Nature, Peterborough.

UK BAP Habitat Action Plan for upland mixed ashwoods. Available via <http://www.ukbap.org.uk/>

UK BAP Habitat Action Plan for lowland mixed deciduous woodland. Available from JNCC.

Map Data Sources

JNCC International Designations Database. Joint Nature Conservation Committee.

NVC Woodland Community Access Database. Joint Nature Conservation Committee.

2.3 Range of the habitat within the Biogeographic or marine region

2.3.1 Surface area of range in square km	158934
2.3.2 Date of range determination	05/2007
2.3.3 Quality of data concerning range	Moderate
2.3.4 Range trend	Stable (=)

2.3.5 Range trend magnitude in %	Not applicable
2.3.6 Range trend period	1994-2006
2.3.7 Reasons for reported trend	Not applicable
2.4 Area covered by habitat type within the range in the biogeographical region concerned.	
2.4.1 Surface area of the habitat type (sq km)	118
2.4.2 Date of area estimation	05/2007
2.4.3 Method used for area estimation	1 - Only or mostly based on expert opinion
2.4.4 Quality of data on area	Poor
2.4.5 Area trend	Stable (=)
2.4.6 Area trend magnitude in %	Not applicable
2.4.7 Area trend period	1994-2006
2.4.8 Reasons for reported trend	Not applicable
2.4.9 Justification of % thresholds for trends (optional)	Not applicable
2.4.10 Main pressures	110 - Use of pesticides; 120 - Fertilisation; 140 - Grazing; 151 - Removal of hedges and copses; 160 - General Forestry management; 161 - Planting; 162 - Artificial planting; 163 - Replanting; 164 - Forestry clearance; 165 - Removal of undergrowth; 166 - Removal of dead and dying trees; 190 - Agriculture and forestry activities not referred to above; 702 - air pollution; 703 - soil pollution; 954 - invasion by a species; 966 - antagonism arising from introduction of species; 973 - introduction of disease;
2.4.11 Threats	140 - Grazing; 160 - General Forestry management; 161 - Planting; 162 - Artificial planting; 163 - Replanting; 164 - Forestry clearance; 165 - Removal of undergrowth; 166 - Removal of dead and dying trees; 190 - Agriculture and forestry activities not referred to above; 702 - air pollution; 954 - invasion by a species; 966 - antagonism arising from introduction of species; 973 - introduction of disease;
Complementary information	
2.5.1 Favourable reference range (sq km)	
2.5.2 Favourable reference area (sq km)	129.8
2.5.3 Typical species	<i>Adoxa moschatellina</i> ; <i>Campanula latifolia</i> ; <i>Campanula trachelium</i> ; <i>Carex pallescens</i> ; <i>Convallaria majalis</i> ; <i>Daphne laureola</i> ; <i>Daphne mezereum</i> ; <i>Festuca gigantea</i> ; <i>Melica nutans</i> ; <i>Myosotis sylvatica</i> ; <i>Platanthera chlorantha</i> ; <i>Polygonatum multiflorum</i> ; <i>Primula elatior</i> ; <i>Ribes rubrum</i> ; <i>Ruscus aculeatus</i> ; <i>Sanicula europaea</i> ; <i>Veronica Montana</i> ; <i>Viola odorata</i> ;
2.5.4 Typical species assessment	Change in 10 km square occupancy across last 25yrs
2.5.5 Other relevant information	
2.6 Conclusions (assessment of conservation status at end of reporting period)	
(2.3) Range	(FV) - Favourable
(2.4) Area	(U1+) - Inadequate but improving
(2.5) Specific structures and functions (incl. typical species)	(U2+) - Bad but improving

Future prospects	(U1+) - Inadequate but improving
Overall assessment	(U2+) - Bad but improving