

**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:
H91C0 - Caledonian forest**

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: Caledonian forest

1. National level	
Habitat Code	H91C0
Member State	UK
Biogeographic regions concerned within the MS	ATL
1.1 Habitat range map	

<p>1.2 Habitat distribution map</p>	
<p>2. Biogeographic level</p>	
<p>2.1 Biogeographic region or marine region</p>	<p>ATL</p>
<p>2.2 Published sources and/or websites</p>	<p>BAIN, C. 1987. Native Pinewoods in Scotland - A Review 1957-1987. RSPB, Edinburgh.</p> <p>FORESTRY COMMISSION 1998. Caledonian Pinewood Inventory. Forestry Commission, Edinburgh.</p> <p>FORREST, G.I. 1980. Genotypic variation among native Scots pine populations in Scotland based on monoterpene analysis. Forestry 53, 101-128.</p> <p>FORREST, G.I. 1982. Relationship of some European Scots pine populations to native Scottish woodlands based on monoterpene analysis. Forestry 55, 19-37</p> <p>HALL, J. 1997. An analysis of National Vegetation Classification survey data. JNCC Report 272, Peterborough.</p> <p>KINLOCH, B.B., WESTFALL, R.D. AND FORREST, G.I. 1986. Caledonian Scots</p>

	<p>pine: origins and genetic structure. New Phytologist 104, 703-29.</p> <p>MACKENZIE, N. 1999. The native woodland resource of Scotland. Forestry Commission Technical Paper, No. 30. Forestry Commission, Edinburgh.</p> <p>RACKHAM, O. 2003. Ancient Woodland: its History, Vegetation and Uses in England (New Edition). Castlepoint Press, Dalbeattie.</p> <p>RODWELL, J.S. (ed.) 1991. British Plant Communities Volume 1: Woodlands and Scrub. Cambridge University Press, Cambridge.</p> <p>RODWELL, J. AND DRING, J. 2001. European significance of British woodland types. English Nature Research Report No. 460 (Volumes 1-2). English Nature, Peterborough.</p> <p>SMOUT, T.C., MACDONALD, A.R. AND WATSON, F. 2005. A History of the Native Woodlands of Scotland, 1500-1920. Edinburgh University Press, Edinburgh.</p> <p>UK BAP Habitat Action Plan for native pine woodland. Available via UKBAP website http://www.ukbap.org.uk/</p> <p>Map Data Sources</p> <p>JNCC International Designations Database. Joint Nature Conservation Committee.</p> <p>NVC Woodland Community Access Database. Joint Nature Conservation Committee</p>
2.3 Range of the habitat within the Biogeographic or marine region	
2.3.1 Surface area of range in square km	24120
2.3.2 Date of range determination	05/2007
2.3.3 Quality of data concerning range	Good
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)	254.4
2.4.2 Date of area estimation	05/2007
2.4.3 Method used for area estimation	3 - Ground based survey
2.4.4 Quality of data on area	Good
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	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; 702 - air pollution; 990 - Other natural processes;
2.4.11 Threats	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; 702 - air pollution;
Complementary information	
2.5.1 Favourable reference range (sq km)	
2.5.2 Favourable reference area (sq km)	280
2.5.3 Typical species	none listed
2.5.4 Typical species assessment	Not applicable
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