

**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:**

**H5130 - *Juniperus communis* formations on  
heaths or calcareous grasslands**

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: *Juniperus communis* formations on heaths or calcareous grasslands**

<b>1. National level</b>	
Habitat Code	H5130
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

BARRETT, J. 1997. Regenerating juniper. *Enact*, 5, 8-9.

BROOME, A. 2003 growing Juniper: Propagation and Establishment Practices. Forestry Commission Information Note.

CLIFTON, S.J., Ward, L.K. & RANNER, D.S. 1997. The status of juniper *Juniperus communis* L. in north-east England. *Biological Conservation*, 79, 67-77.

GARCÍA, D., ZAMORA, R., GÓMEZ, J.M., JORDANO, P. & HÓDAR, J.A. 2000. Geographical variation in seed production, predation and abortion in *Juniperus communis* throughout its range in Europe. *Journal of Ecology*, 88, 435-446.

GERARD, J., OOSTERMEIJER, B. & DE KNEGT, B. 2004. Genetic population structure of the wind-pollinated, dioecious shrub *Juniperus communis* in fragmented Dutch heathlands. *Plant Species Biology*, 19, 175-184.

MACDONALD, A. 2000 Site Condition Monitoring: Juniper Scrub. Site Condition Monitoring Guidance, Scottish Natural Heritage.

MCBRIDE, A. D. 1998. Implementation Plan for Borders Forest Trust Juniper Project. The Borders Forest Trust.

PRESTON, C D, PEARMAN, D A, & DINES, T. D. 2002 New Atlas of the British and Irish flora. Oxford University Press, Oxford, UK.

SULLIVAN, G. 2003 Extent and Condition of Juniper Scrub in Scotland. Report to Scottish Natural Heritage, Contract No. BAT/AC205/01/02/96.

UK BIODIVERSITY GROUP 1999 Tranche 2 Action Plans. Volume III – Plants and fungi. Peterborough, UK: English Nature.

VAN DER MERWE, M., WINFIELD, M.O., ARNOLD, G.M. & PARKER, J.S. 2000. Spatial and temporal aspects of the genetic structure of *Juniperus communis* populations. *Molecular Ecology*, 9, 379-386.

WARD, L. K. 1973 The conservation of Juniper I Present status of Juniper in southern England. *Journal of Applied Ecology*, 10:165-188.

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WARD, L.K. 1982. The conservation of juniper: longevity and old age. *Journal of applied Ecology*, 19, 917-928.

WARD, L.K. 1990. Management of grassland scrub mosaics. In: S.H. HILLIER, D. WELLS & D.W.H. WALTON (Eds.), *Calcareous grasslands, Ecology and Conservation*, pp.134-139. Bluntisham: Bluntisham Books.

WARD, L. K. 2004 *Juniperus communis* L. Species dossier. Plantlife International. <http://www.plantlife.org.uk/uk/plantlife-saving-species-under-our-care-juniperus-communis.htm>

Map data sources

JNCC International Designations 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	10018
2.3.2 Date of range determination	05/2007
2.3.3 Quality of data concerning range	Good
2.3.4 Range trend	Unknown (X)
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)	13-70
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	Decreasing (-)
2.4.6 Area trend magnitude in %	Unknown
2.4.7 Area trend period	1970-2006
2.4.8 Reasons for reported trend	Unknown
2.4.9 Justification of % thresholds for trends (optional)	Not applicable
2.4.10 Main pressures	140 - Grazing; 141 - Abandonment of pastoral systems; 162 - Artificial planting; 620 - Outdoor sports and leisure activities; 702 - air pollution; 948 - fire; 950 - Biocenotic evolution;
2.4.11 Threats	140 - Grazing; 141 - Abandonment of pastoral systems; 162 - Artificial planting; 620 - Outdoor sports and leisure activities; 702 - air pollution; 948 - fire; 950 - Biocenotic evolution;
<b>Complementary information</b>	
2.5.1 Favourable reference range (sq km)	Unknown
2.5.2 Favourable reference area (sq km)	30
2.5.3 Typical species	none listed
2.5.4 Typical species assessment	Not applicable
2.5.5 Other relevant information	
<b>2.6 Conclusions (assessment of conservation status at end of reporting period)</b>	
(2.3) Range	(XX) - Unknown
(2.4) Area	(U1-) - Inadequate and deteriorating
(2.5) Specific structures and functions (incl. typical species)	(U2+) - Bad but improving
Future prospects	(U1) - Inadequate
Overall assessment	(U2+) - Bad but improving