

**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:  
H7220 - Petrifying springs with tufa formation  
(*Cratoneurion*)**

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>

Please cite as: Joint Nature Conservation Committee. 2007. *Second Report by the UK under Article 17 on the implementation of the Habitats Directive from January 2001 to December 2006*. Peterborough: JNCC. Available from: [www.jncc.gov.uk/article17](http://www.jncc.gov.uk/article17)

## Habitat Name: Petrifying springs with tufa formation (*Cratoneurion*)

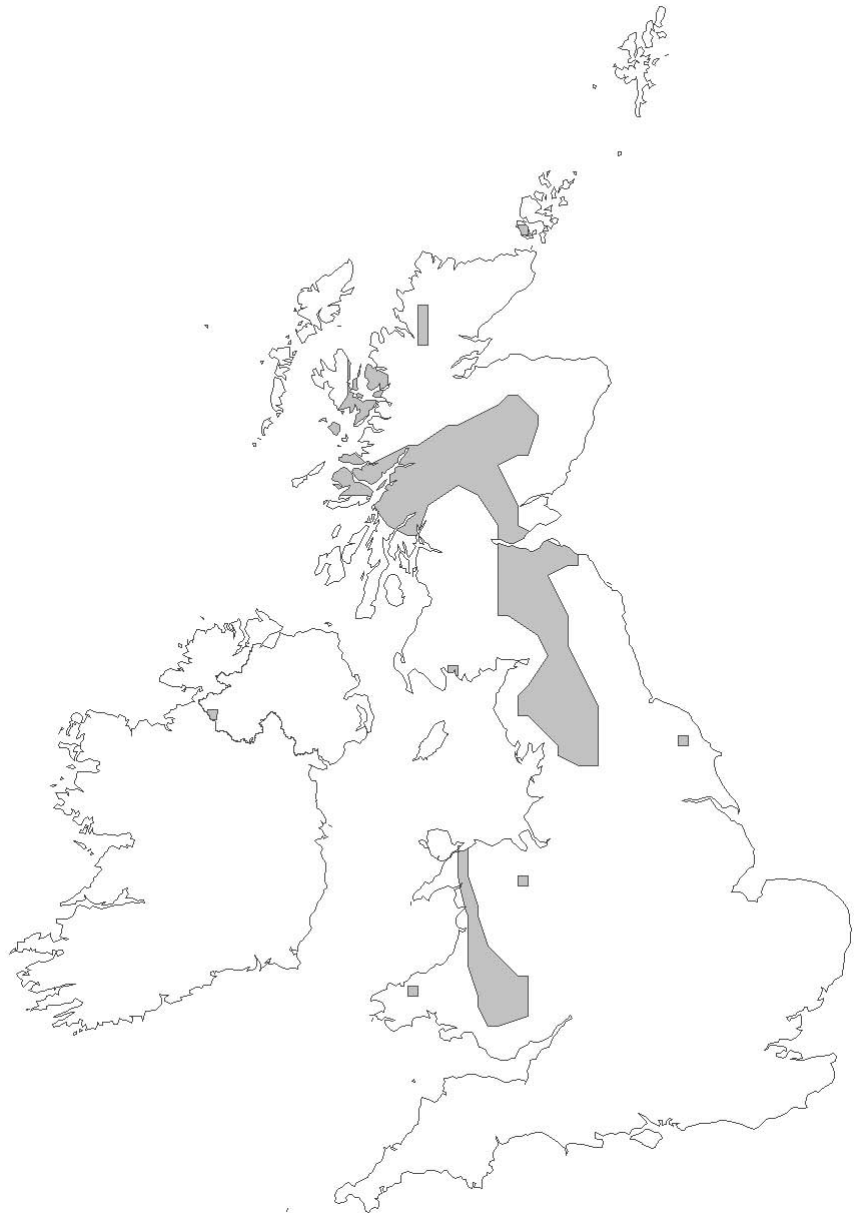
### 1. National level

Habitat Code H7220

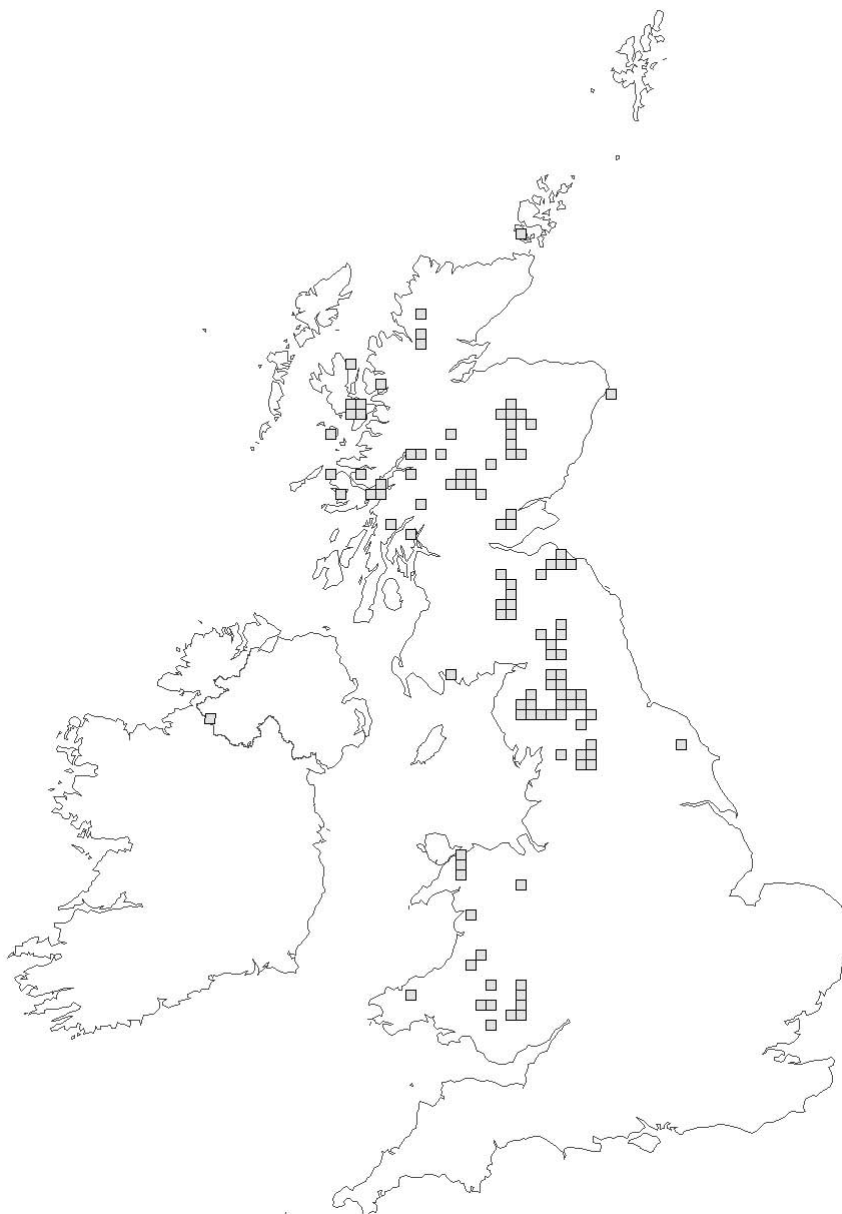
Member State UK

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

EUROPEAN COMMISSION 2003. Interpretation Manual of European Union Habitats - EUR25 European Commission DG-Environment, Brussels.

HOLDEN, J. & ADAMSON, J.K. 2002. The Moor House long-term upland temperature record: new evidence of recent warming. *Weather*, 57, 119-127.

JACKSON, D L 2000. Guidance on the interpretation of the Biodiversity Broad Habitat Classification (terrestrial and freshwater types): Definitions and the relationship with other habitat classifications. JNCC Report, No. 307 JNCC, Peterborough

JACKSON, D L & MCLEOD, CR (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](http://www.jncc.gov.uk/page-2447)

	<p>JOINT NATURE CONSERVATION COMMITTEE 2005a. Common Standards Monitoring (CSM). Joint Nature Conservation Committee, Peterborough www.jncc.gov.uk/page-2217</p> <p>JOINT NATURE CONSERVATION COMMITTEE 2005b. Common Standards Monitoring Guidance for Upland Habitats Version May 2005, Peterborough. www.jncc.gov.uk/page-2237</p> <p>WILLIAMS, J.M. (ed.) 2006. Common Standards Monitoring for Designated Sites: First Six Year Report. Peterborough, JNCC. www.jncc.gov.uk/page-3520</p> <p>UK Biodiversity Group 1999. Tranche 2 Action Plans - Volume VI: Terrestrial and freshwater species and habitats. English Nature. Peterborough.</p> <p>Map Data Sources</p> <p>JNCC International Designations Database. Joint Nature Conservation Committee.</p> <p>SNH Uplands Database, (18-12-98) 10KMVEG.XLS. Scottish Natural Heritage,</p>
<b>2.3 Range of the habitat within the Biogeographic or marine region</b>	
2.3.1 Surface area of range in square km	31720
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
<b>2.4 Area covered by habitat type within the range in the biogeographical region concerned.</b>	
2.4.1 Surface area of the habitat type (sq km)	>1.12
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	unknown (X)
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; 141 - Abandonment of pastoral systems; 180 - Burning; 702 - air pollution; 990 - Other natural processes;

2.4.11 Threats	140 - Grazing; 141 - Abandonment of pastoral systems; 180 - Burning; 702 - air pollution; 750 - Other pollution or human impacts/activities; 990 - Other natural processes;
<b>Complementary information</b>	
2.5.1 Favourable reference range (sq km)	31720
2.5.2 Favourable reference area (sq km)	Unknown
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	(FV) - Favourable
(2.4) Area	(XX) - Unknown
(2.5) Specific structures and functions (incl. typical species)	(U2+) - Bad but improving
Future prospects	(U2+) - Bad but improving
Overall assessment	(U2+) - Bad but improving