

**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:**

**H6130 - Calaminarian grasslands of the *Violetalia
calaminariae***

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: Calaminarian grasslands of the *Violetalia calaminariae*

1. National level

Habitat Code H6130

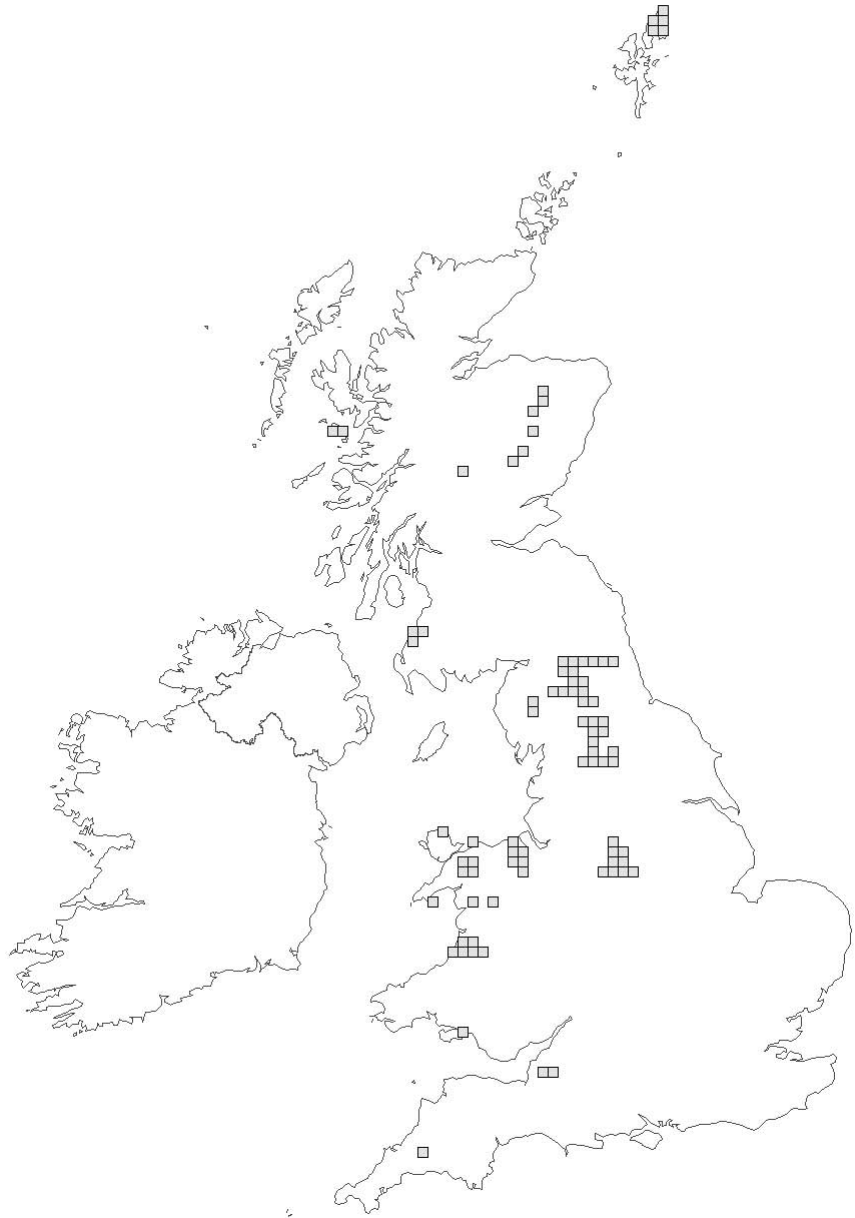
Member State UK

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

BAKER, A.J.M. & PROCTOR, J. 1990. The influence of cadmium, copper, lead and zinc on the distribution and evolution of metallophytes in the British Isles. *Plant Systematics and Evolution*, 173: 91-108.

BARNATT, J. & PENNY, R. 2004. *The Lead Legacy*. Peak District National Park Authority.

GARCIA-GONZALEZ, A. & CLARK, S.C. 1989. The distribution of *Minuartia verna* and *Thlaspi alpestre* in the British Isles in relation to 13 soil metals. *Vegetatio*, 84: 87-98

HILL, M.O., PRESTON, C.D. & SMITH, A.J.E. 1992. *Atlas of the bryophytes of Britain and Ireland*. Harley Books, Colchester.

JACKSON, D.L. & MCLEOD, C.R. (eds.) 2000. 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

JOINT NATURE CONSERVATION COMMITTEE 2005. Common standards monitoring for designated sites: first six year report. JNCC, Peterborough www.jncc.gov.uk/page-2217

LAMBINION, J. & AUQUIER, P. 1963. La floe et vegetation de terrains calaminaires de la Wallonie septentrionale et de la Rhenanie aixoise. Types chorologiques et groupes ecologique. *Natura Mosana*, 16: 113-131.

PRESTON, C.D., PEARMAN, D.A. & DINES, T.D. 2002. New atlas of the British flora. Oxford University Press.

RODWELL, J.S. (ed.). 2000. British plant communities. Volume 5: Maritime communities and vegetation of open habitats. Cambridge University Press, Cambridge.

RODWELL, J.R., MOSS, D., MORGAN, V. & JEFFERSON, R.G. 2007. The European Context of British Lowland Grasslands. JNCC Report

SELLARS, B. & BAKER, A.J.M. 1988. Review of metallophyte vegetation and its conservation. CSD Report No. 797. Peterborough, Nature Conservancy Council.

SPALDING, A. 1996. The importance of metalliferous mining sites in Cornwall for wildlife, with special reference to the insects. *Cornish studies Second Series* . 3: 161-175.

SPALDING, A. 2005. The nature-conservation value of abandoned metalliferous mine sites in Cornwall. *British Wildlife*, 16: 175-183.

STEVENS, D.P., SMITH, S.L.N., TURNER, A.T., BOSANQUET, S.D.S., DOBSON, D.J.T., REED, D.K., GUEST, D.G., AVERIS, A.B.G. & HODGETTS, N.G. 2002. A vegetation survey and conservation assessment of Halkyn Mountain, Flintshire. CCW report.

Map data sources

Data used to compile J.S. Rodwell, V. Morgan, R.G. Jefferson & D. Moss. 2007. The European context of British Lowland Grasslands. JNCC Report No. 394. Joint Nature Conservation Committee

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	16474
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)	less than 3.3
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	Moderate
2.4.5 Area trend	Decreasing (-)
2.4.6 Area trend magnitude in %	Unknown
2.4.7 Area trend period	1990-2004
2.4.8 Reasons for reported trend	3 - Direct human influence;
2.4.9 Justification of % thresholds for trends (optional)	Not applicable
2.4.10 Main pressures	101 - Modification of cultivation practices; 141 - Abandonment of pastoral systems; 171 - stock feeding; 331 - open cast mining; 390 - Mining and extraction activities not referred to above; 702 - air pollution; 950 - Biocenotic evolution;
2.4.11 Threats	101 - Modification of cultivation practices; 141 - Abandonment of pastoral systems; 171 - stock feeding; 331 - open cast mining; 390 - Mining and extraction activities not referred to above; 702 - air pollution; 950 - Biocenotic evolution;
Complementary information	
2.5.1 Favourable reference range (sq km)	16474
2.5.2 Favourable reference area (sq km)	
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 and deteriorating
(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