

**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:**

**H6510 - Lowland hay meadows (*Alopecurus  
pratensis*, *Sanguisorba officinalis*)**

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: Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*)

### 1. National level

Habitat Code H6510

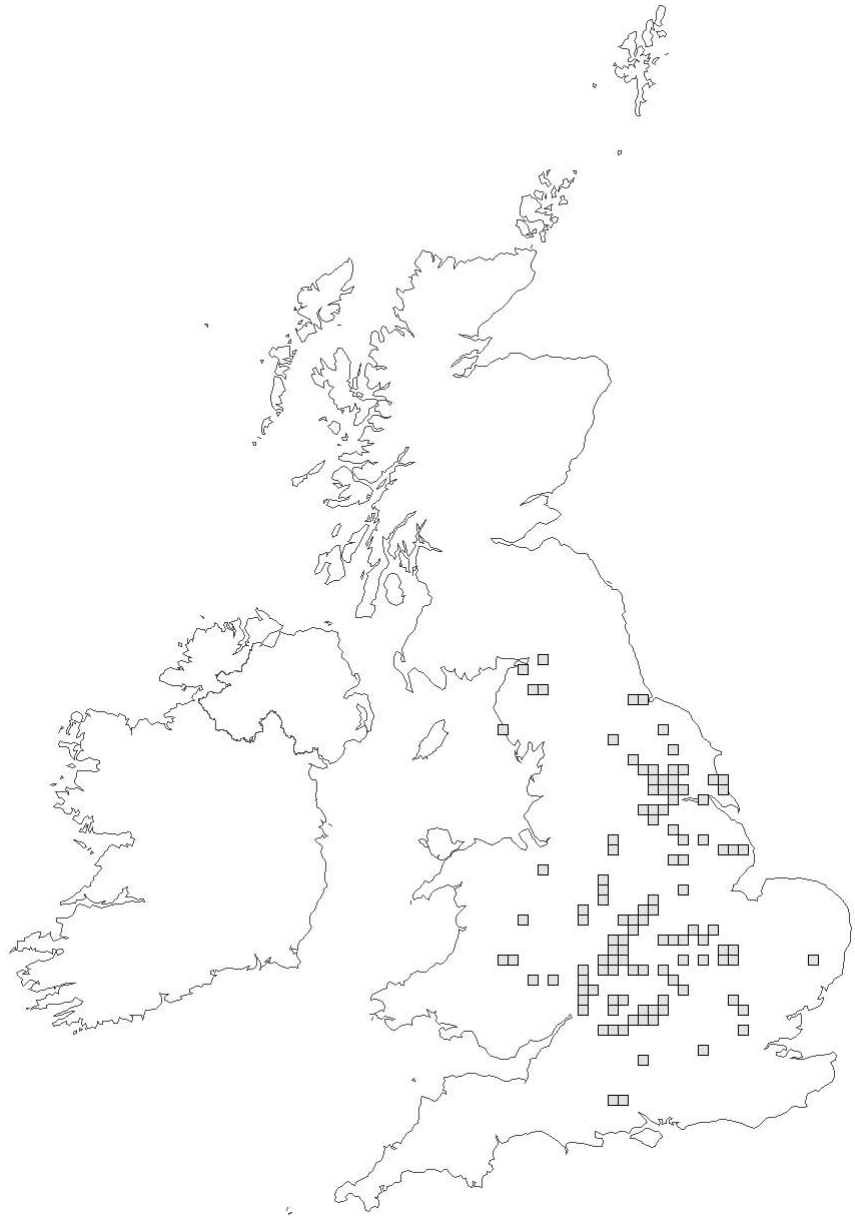
Member State UK

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

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HEWINS E. J., PINCHES C., RILEY J., LUSH M. J. & ARNOLD J. 2005. Monitoring of Biodiversity Action Plan (BAP) grasslands. English Nature Research Report No 626. Peterborough

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JEFFERSON R. J. 1997. Distribution, status and conservation of *Alopecurus pratensis* – *Sanguisorba officinalis* flood-plain meadows in England. English Nature Research Report No.249. Peterborough  
JNCC Wildlife Statistics [www.jncc.gov.uk/page-3711](http://www.jncc.gov.uk/page-3711)

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[www.jncc.gov.uk/page-2217](http://www.jncc.gov.uk/page-2217)

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[www.jncc.gov.uk/SACselection](http://www.jncc.gov.uk/SACselection)

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	<p>RATCLIFFE, D.A. 1984. Post medieval and recent changes in vegetation: the culmination of human influence. <i>The NewPhytologist</i>, 98, 73 -100.</p> <p>RODWELL J.S. (Ed.) 1992. <i>British Plant Communities Volume 3: Grasslands and Montane Communities</i>. Cambridge University Press.</p> <p>RODWELL, J. S 1996. <i>Phytosociological Conspectus of British Plant Communities</i>. Unpublished Report. Peterborough: JNCC.</p> <p>RODWELL, J. S., MOSS, D, MORGAN, V., &amp; JEFFERSON, R.J. (in prep). <i>The European Context of British Lowland Grasslands</i>. JNCC report</p> <p>SCHAMINEE, J.H.J., STORTELDER, A.H.F. &amp; WEEDA, E.J. 1996) <i>Die Vegetatie van Nederland, 3 Graslanden, Zomen, Droge Heiden</i>. Uppsala:Opulus press.</p> <p>TILMAN D et al 1994. Habitat destruction and the extinction debt. <i>Nature</i> 371, 65–66.</p> <p>WALKER K. J. et al 2004. The restoration and re-creation of species-rich lowland grassland on land formerly managed for intensive agriculture in the UK. <i>Biological Conservation</i> 119 (1), pp 1-18.</p> <p>WEEDA, E.J., SCHAMINEE, J.H.J. &amp; VAN DURREN, L. 2002. <i>Atlas van Plantengemeenschappen in Nederland</i>. Utrecht:KNNV Uitgeverij.</p> <p>WELLS, T C E , ROTHERY P, COX R, &amp; BAMFORD, S. 1998. Flowering dynamics of <i>Orchis morio</i> L. and <i>Herminium monorchis</i> (L.) R.Br. at two sites in eastern England. <i>Botanical Journal of the Linnean Society</i>, 126, pp 39 -48.</p> <p>WESTHOFF, V. &amp; DEN HELD, A.J. 1969. <i>Plantengemeenschappen in Nederland</i>. Zutphen:Thieme &amp; Cie.</p> <p>Map data sources</p> <p>Data used to compile J.S. RODWELL, V. MORGAN, R.G. JEFFERSON &amp; D. MOSS. 2007. <i>The European context of British Lowland Grasslands</i>. JNCC Report No. 394. Peterborough: Joint Nature Conservation Committee</p> <p>JNCC International Designations Database. Joint Nature Conservation Committee</p>
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### 2.3 Range of the habitat within the Biogeographic or marine region

2.3.1 Surface area of range in square km	41631
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	1994-2004
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)	15
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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	1994-2006
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; 110 - Use of pesticides; 120 - Fertilisation; 141 - Abandonment of pastoral systems; 162 - Artificial planting; 420 - Discharges; 701 - water pollution; 702 - air pollution; 840 - Flooding; 853 - management of water levels; 950 - Biocenotic evolution; 954 - invasion by a species;
2.4.11 Threats	101 - Modification of cultivation practices; 110 - Use of pesticides; 120 - Fertilisation; 141 - Abandonment of pastoral systems; 162 - Artificial planting; 420 - Discharges; 701 - water pollution; 702 - air pollution; 840 - Flooding; 853 - management of water levels; 950 - Biocenotic evolution; 954 - invasion by a species;
<b>Complementary information</b>	
2.5.1 Favourable reference range (sq km)	41631
2.5.2 Favourable reference area (sq km)	16.5
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	(U1-) - Inadequate and deteriorating
(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