

**European Community Directive
on the Conservation of Natural Habitats
and of Wild Fauna and Flora
(92/43/EEC)**

**Third Report by the United Kingdom under
Article 17**

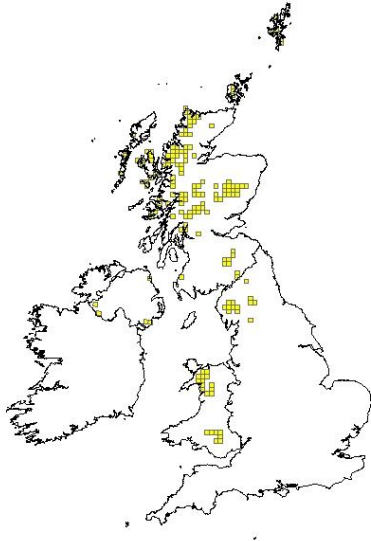
on the implementation of the Directive
from January 2007 to December 2012
Conservation status assessment for

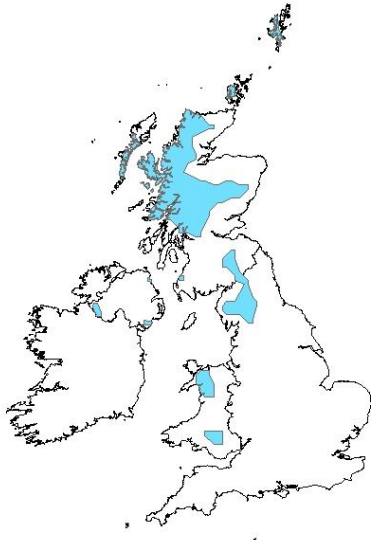
Habitat:

H6430 - Hydrophilous tall herb fringe communities of plains and
of the montane to alpine levels

Reporting format on the 'main results of the surveillance under Article 11' for Annex I Habitats Types

0.2 Habitat code	H6430
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1.1 Maps	
1.1.1 Distribution map	True
	
	for further details see the 2013 Article 17 UK Approach document
1.1.2 Method used - map	Estimate based on partial data with some extrapolation and/or modelling
	for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information
1.1.3 Year or period	1979-2012
	for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information
1.1.4 Additional distribution map Optional	False
1.1.5 Range map	True

	
	for further details see the 2013 Article 17 UK Approach document

2.1 Biogeographical region or marine regions	ATL
2.2 Published sources	<p>NOTE: this field will be completed at a later stage (before submission of the final report to the EC) based on the sources identified under 2.2 in each of the relevant country-level reports</p> <p>UK distribution map data sources</p> <p>Dave Horsfield (pers. comm) 2007. Scottish Natural Heritage JNCC International Designations Database. Joint Nature Conservation Committee</p> <p>Richard Weyl (pers. comm.) 1995. Environmental Heritage Service SNH Uplands Database, (18-12-98) 10KMVEG.XLS. Scottish Natural Heritage</p> <p>Stevens, Sherry and Turner: H6430: Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels Inventory</p> <p>UK Distribution Map data sources</p> <p>Dave Horsfield (pers. comm) 2007. Scottish Natural Heritage JNCC International Designations Database. Joint Nature Conservation Committee</p> <p>Richard Weyl (pers. comm.) 1995. Environmental Heritage Service SNH Uplands Database, (18-12-98) 10KMVEG.XLS. Scottish Natural Heritage</p> <p>Stevens, Sherry and Turner: H6430: Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels Inventory</p>

2.3 Range	
2.3.1 Surface area Range	37749.18
	for further details see the 2013 Article 17 UK Approach document
2.3.2 Method used Range	Estimate based on partial data with some extrapolation and/or modelling
	for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information
2.3.3 Short-term trend Period	2001-2012
	for further details see the 2013 Article 17 UK Approach document
2.3.4 Short-term trend Trend direction	stable
	for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information
2.3.5 Short-term trend Magnitude Optional	a) Minimum
	b) Maximum
2.3.6 Long-term trend Period Optional	1994-2012
	based on a combination of the trend info given under 2.3.3 and the trend info given in the 2007 Article 17 habitat report (see http://jncc.defra.gov.uk/page-4064) - for further details see the 2013 Article 17 UK Approach document
2.3.7 Long-term trend Trend direction Optional	stable
	based on a combination of the trend info given under 2.3.4 and the trend info given in the 2007 Article 17 habitat report (see http://jncc.defra.gov.uk/page-4064) - for further details see the 2013 Article 17 UK Approach document
2.3.8 Long-term trend Magnitude	a) Minimum

Optional		
	b) Maximum	
2.3.9 Favourable reference range	a) Value in km².	37749.18
	this is an updated value based on the latest version of the UK range mapping tool and the latest 10km square distribution data for the habitat - this data provides a more accurate baseline than used in 2007 to set the Favourable Reference Range value - for further details see the 2013 Article 17 UK Approach document	
	b) Operator	
	c) FRR is unknown (indicated by "True")	False
	d) Method used to set FRR	the approach taken to set the Favourable Reference Range is explained in the 2007 Article 17 habitat report (see http://jncc.defra.gov.uk/page-4064) - further details are given in the 2013 Article 17 UK Approach document
2.3.10 Reason for change Is the difference between the reported value in 2.3.1 and the previous reporting round mainly due to:	a) Genuine change?	False
	for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information	
	b) Improved knowledge/more accurate data?	False
	for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information	
	c) Use of different method (e.g. "Range tool")	True
	the use of a revised range mapping tool has contributed significantly to the differences in calculated range area - for further details see the 2013 Article 17 UK Approach document	

2.4 Area covered by habitat		
2.4.1 Surface area	Value in km ²	2.87
	for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information	
2.4.2 Year or period	1979-2012	
	for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information	
2.4.3 Method used Area covered by habitat	Estimate based on expert opinion with no or minimal sampling	
	for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information	
2.4.4 Short-term trend Period	2001-2012	
	for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information	
2.4.5 Short-term trend Trend direction	stable	
	for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information	
2.4.6 Short-term trend Magnitude Optional	a) Minimum	
	b) Maximum	
	c) Confidence interval	
2.4.7 Short-term trend Method used	Estimate based on expert opinion with no or minimal sampling	
	for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information	
2.4.8 Long-term trend Period Optional	1994-2012	
	based on a combination of the trend period given under 2.4.4 and the trend info in the 2007 Article 17 habitat report (see http://jncc.defra.gov.uk/page-4064) - for further details see the 2013 Article 17 UK Approach document	
2.4.9 Long-term trend	stable	

<p>- Trend direction Optional</p>	<p>based on a combination of the trend direction given under 2.4.5 and the trend info in the 2007 Article 17 habitat report (see http://jncc.defra.gov.uk/page-4064) - for further details see the 2013 Article 17 UK Approach document</p>	
<p>2.4.10 Long-term trend Magnitude Optional</p>	<p>a) Minimum</p>	
	<p>b) Maximum</p>	
	<p>c) Confidence interval</p>	
<p>2.4.11 Long-term trend Method used Optional</p>	<p>Estimate based on expert opinion with no or minimal sampling</p>	
	<p>based on a combination of the trend method under 2.4.3 and the 'quality of area data' in the 2007 Article 17 habitat report (see http://jncc.defra.gov.uk/page-4064) - for further details see the 2013 Article 17 UK Approach document</p>	
<p>2.4.12 Favourable reference area</p>	<p>a) Value in km²</p>	
	<p>this is the same as in the 2007 Article 17 habitat report (see http://jncc.defra.gov.uk/page-4064) - for further details see the 2013 Article 17 UK Approach document</p>	
	<p>b) Operator</p>	
	<p>c) FRA is unknown (indicated by true")</p>	<p>True</p>
	<p>information remains inadequate to set a Favourable Reference Area - for further details see the 2007 Article 17 habitat report (see http://jncc.defra.gov.uk/page-4064) and 2013 Article 17 UK Approach document</p>	
	<p>d) Method used to set FRA value</p>	<p>the approach taken to set the Favourable Reference Area is explained in the 2007 Article 17 habitat report (see http://jncc.defra.gov.uk/page-4064)</p>
<p>2.4.13 Reason for change Is the difference between the reported value in 2.4.1 and the previous reporting round mainly due to:</p>	<p>a) Genuine change?</p>	<p>False</p>
	<p>for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information</p>	
	<p>b) Improved knowledge/more accurate data?</p>	<p>True</p>
	<p>for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information</p>	

	c) Use of different method (e.g. "Range tool")	False
	for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information	

2.5 Main pressures		
a) Pressure	b) Ranking H = high importance M = medium importance L = low importance	c) Pollution qualifier
A04: grazing	H	
F03: deer grazing/ browsing/ trampling	M	
K04: Interspecific floral relations	M	
G01: Outdoor sports and leisure activities, recreational activities	L	
G02: Sport and leisure structures	L	
H04: Air pollution, air-borne pollutants	L	AN
I01: invasive non-native species	L	
I02: problematic native species	L	
J01: fire and fire suppression	L	
J03: Other ecosystem modifications	L	

for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information

2.5.1 Method used – pressures	based exclusively or to a larger extent on real data from sites/occurrences or other data sources
	for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information

2.6. Main threats		
a) Threats	b) Ranking H = high importance M = medium importance L = low importance	c) Pollution qualifier
A04: grazing	H	
F03: deer grazing/ browsing/	M	

trampling		
K04: Interspecific floral relations	M	
G01: Outdoor sports and leisure activities, recreational activities	L	
G02: Sport and leisure structures	L	
H04: Air pollution, air-borne pollutants	L	AN
I01: invasive non-native species	L	
I02: problematic native species	L	
J01: fire and fire suppression	L	
J03: Other ecosystem modifications	L	
M01: Changes in abiotic conditions	L	
M02: Changes in biotic conditions	L	

for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information

2.6.1 Method used –threats	expert opinion
	for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information

2.7 Complementary information

2.7.1 Typical species (as used in the assessment of Structure and function)	a list of the specific species used to assess the condition of the habitat during the reporting period is not available
2.7.2 Typical species – method used	the status of various plant species has been considered when the condition of individual sites supporting the habitat have been assessed - these assessments have utilised Common Standards Monitoring Guidance, information on which is available via http://jncc.defra.gov.uk/page-2199 (refer to guidance on individual habitats for details) - a list of the specific species used during the reporting period is, however, not available

2.7.3 Justification of % thresholds for trends	
2.7.4 Structure and functions - Methods used	Estimate based on partial data with some extrapolation and/or modelling for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information
2.7.5 Other relevant information	for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information

2.8 Conclusions <i>(assessment of conservation status at end of reporting period)</i>		
2.8.1 Range	a) Conclusion	Favourable
	Conclusion reached because: (i) 2.3.4 Range short-term trend direction is stable; (ii) 2.3.1 Range surface area is not less than 2.3.9 Favourable Reference Range; - for further details see the 2013 Article 17 UK Approach document	
	b) Qualifier	
2.8.2 Area	a) Conclusion	Unknown
	Conclusion reached because: (i) 2.4.5 Area short-term trend direction is stable; (ii) relationship between 2.4.1. Surface area and 2.4.12 Favourable Reference Area is unknown; - for further details see the 2013 Article 17 UK Approach document	
	b) Qualifier	
2.8.3 Specific structures	a) Conclusion	Bad

and functions (incl. typical species)	Conclusion reached because available site condition data indicate that more than 25% of the habitat is in unfavourable condition (based on SAC data at least 30% of the UK habitat area unfavourable) - for further details see the 2013 Article 17 UK Approach document	
	b) Qualifier	improving
	Qualifier reached because available site condition data indicate that less of the habitat in unfavourable condition is declining than recovering (for SACs = 3ha declining and 48ha recovering; although for SSSI/ASSIs = 1 feature/monitoring unit declining and 0 recovering) - for further details see the 2013 Article 17 UK Approach document	
2.8.4 Future prospects	a) Conclusion	Inadequate
	Conclusion reached because: (i) 2.3.4 Range short-term trend direction is stable and 2.3.1 Range surface area is expected to be not less than 2.3.9 Favourable Reference Range in c.2025; (ii) 2.4.5 Area short-term trend direction is stable but future relationship between 2.4.1. Surface area and 2.4.12 Favourable Reference Area is uncertain; (iii) available site condition data indicate that between 5-25% of the habitat might be in unfavourable condition in c.2025 (based on SAC data = 15% of area unfavourable; and based on SSSI/ASSI data = 29% of features/monitoring units unfavourable); - for further details see the 2013 Article 17 UK Approach document	
	b) Qualifier	improving
	Qualifier reached because: (i) 2.3.4 Range short-term trend direction is stable; (ii) 2.4.5 Area short-term trend direction is stable; (iii) available site condition data indicate that less of the habitat might be in unfavourable condition in c.2025 (based on SAC data from 34% to 15% of area unfavourable; and based on SSSI/ASSI data from 29% to 29% of features/monitoring units unfavourable); - for further details see the 2013 Article 17 UK Approach document	
2.8.5 Overall assessment of Conservation Status	Bad	
	Based on individual conclusions for Range, Area, Structures and functions, and Future Prospects - for further details see the 2013 Article 17 UK Approach document	
2.8.6 Overall trend in Conservation Status	improving	
	Based on trends/qualifiers for Range, Area, Structures and functions, and	

	Future Prospects - for further details see the 2013 Article 17 UK Approach document
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3. Natura 2000 coverage & conservation measures - Annex I habitat types

3.1 Area covered by habitat

3.1.1 Surface area Estimation of habitat type surface area included <u>in the SAC network</u> .	a) Minimum	2.87
	This is based on the total UK surface area given under 2.4.1. For the majority of habitats, fields 3.1.1.a/b have been completed using information submitted to the European Union as part of a Standard Data Form for each candidate SAC. However, for those habitats where the total area from this source exceeded that given under 2.4.1., the latter was used to populate fields 3.1.1.a/b. For further details see the 2013 Article 17 UK Approach document.	
	b) Maximum	2.87
3.1.2 Method used	Estimate based on partial data with some extrapolation and/or modelling for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information	
3.1.3 Trend of surface area within the network Optional	unknown for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information	

3.2 Conservation measures

Conservation measures taken (i.e. already being implemented) within the reporting period and provided information about their importance, location and evaluation.

3.2.1 Measure	3.2.2 Type	3.2.3 Ranking	3.2.4 Location	3.2.5 Broad evaluation of the measure
		H = high importance M = medium	where the measure is PRIMARILY applied	

	a) Legal/statutory	b) Administrative	c) Contractual	d) Recurrent	e) One-off	importance L = low importance	a) Inside	b) Outside	c) Both inside & outside	a) Maintain	b) Enhance	c) Long term	d) No effect	e) Unknown	f) Not evaluated
1.2: Measures needed, but not implemented				Y		L			Y		Y	Y			
2.1: Maintaining grasslands and other open habitats	Y	Y	Y	Y	Y	H			Y		Y	Y			
3.0: Other forestry-related measures				Y		L			Y		Y	Y			
6.1: Establish protected areas/sites	Y				Y	H			Y		Y	Y			
6.3: Legal protection of habitats and species	Y			Y		L	Y				Y				
7.0: Other species management measures				Y		L			Y		Y				
7.1: Regulation/ Management of hunting and taking	Y		Y	Y	Y	H			Y		Y	Y			
9.0: Other resource use measures				Y		L			Y		Y				

for further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information