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

Fourth Report by the United Kingdom
under Article 17

on the implementation of the Directive
from January 2013 to December 2018

Supporting documentation for the
conservation status assessment for the habitat:

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

ENGLAND

IMPORTANT NOTE - PLEASE READ

- The information in this document is a country-level contribution to the UK Report on the conservation status of this habitat, submitted to the European Commission as part of the 2019 UK Reporting under Article 17 of the EU Habitats Directive.

- The 2019 Article 17 UK Approach document provides details on how this supporting information was used to produce the UK Report.

- The UK Report on the conservation status of this habitat is provided in a separate document.

- The reporting fields and options used are aligned to those set out in the European Commission guidance.

- Explanatory notes (where provided) by the country are included at the end. These provide an audit trail of relevant supporting information.

- Some of the reporting fields have been left blank because either: (i) there was insufficient information to complete the field; (ii) completion of the field was not obligatory; and/or (iii) the field was only relevant at UK-level (sections 10 Future prospects and 11 Conclusions).

- For technical reasons, the country-level future trends for Range, Area covered by habitat and Structure and functions are only available in a separate spreadsheet that contains all the country-level supporting information.

- The country-level reporting information for all habitats and species is also available in spreadsheet format.

Visit the JNCC website, https://jncc.gov.uk/article17, for further information on UK Article 17 reporting.

Report on the main results of the surveillance under Article 17 for Annex I habitat types (Annex D)

NATIONAL LEVEL	
1. General information	
1.1 Member State	**UK (England information only)**
1.2 Habitat code	**6430 - Hydrophilous tall herb fringe communities of plains and of the montan**
2. Maps	
2.1 Year or period	2007-2018
2.3 Distribution map	Yes
2.3 Distribution map Method used	Based mainly on extrapolation from a limited amount of data
2.4 Additional maps	No

BIOGEOGRAPHICAL LEVEL	
3. Biogeographical and marine regions	
3.1 Biogeographical or marine region where the habitat occurs	**Atlantic (ATL)**
3.2 Sources of information	JOHNSTON, J. 2012. Estimates of Extent of Species-rich Mountain Ledge Vegetation (NVC type U17) and Alpine Lady'-mantle Grass Heath (NVC type CG11). Unpublished report. Natural England. Updated 2013. JONES, B. 2010. UK BAP PRIORITY HABITAT ACTION PLAN: Inland Rock Outcrop and Scree Habitats. Countryside Council for Wales (Produced on behalf of UK BAP Upland Group).

4. Range

4.1 Surface area (in km²)		
4.2 Short-term trend Period		
4.3 Short-term trend Direction	Stable (0)	
4.4 Short-term trend Magnitude	a) Minimum	b) Maximum
4.5 Short-term trend Method used		
4.6 Long-term trend Period		
4.7 Long-term trend Direction		
4.8 Long-term trend Magnitude	a) Minimum	b) Maximum
4.9 Long-term trend Method used		
4.10 Favourable reference range	a) Area (km²) b) Operator c) Unknown No d) Method	
4.11 Change and reason for change in surface area of range	No change The change is mainly due to:	
4.12 Additional information		

5. Area covered by habitat

5.1 Year or period	2007-2018				
5.2 Surface area (in km²)	a) Minimum		b) Maximum		c) Best single value 0.92
5.3 Type of estimate	Best estimate				

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5.4 Surface area Method used	Complete survey or a statistically robust estimate
5.5 Short-term trend Period	2007-2018
5.6 Short-term trend Direction	Stable (0)

5.7 Short-term trend Magnitude	a) Minimum	b) Maximum	c) Confidence interval

5.8 Short-term trend Method used	Complete survey or a statistically robust estimate
5.9 Long-term trend Period	
5.10 Long-term trend Direction	

5.11 Long-term trend Magnitude	a) Minimum	b) Maximum	c) Confidence interval

5.12 Long-term trend Method used	
5.13 Favourable reference area	a) Area (km²)
	b) Operator
	c) Unknown No
	d) Method
5.14 Change and reason for change in surface area of range	No change
	The change is mainly due to:
5.15 Additional information	

6. Structure and functions

6.1 Condition of habitat	a) Area in good condition (km²)	Minimum 0.1	Maximum 0.1
	b) Area in not-good condition (km²)	Minimum 0.85	Maximum 0.85
	c) Area where condition is not known (km²)	Minimum 0	Maximum 0

6.2 Condition of habitat Method used	Based mainly on expert opinion with very limited data
6.3 Short-term trend of habitat area in good condition Period	2007-2018
6.4 Short-term trend of habitat area in good condition Direction	Stable (0)
6.5 Short-term trend of habitat area in good condition Method used	Based mainly on expert opinion with very limited data
6.6 Typical species	Has the list of typical species changed in comparison to the previous reporting period? No
6.7 Typical species Method used	
6.8 Additional information	

7. Main pressures and threats

7.1 Characterisation of pressures/threats

Pressure	Ranking
Intensive grazing or overgrazing by livestock (A09)	H
Sports, tourism and leisure activities (F07)	H
Creation or development of sports, tourism and leisure infrastructure (outside the urban or recreational areas) (F05)	H
Mixed source air pollution, air-borne pollutants (J03)	M

Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01)	M

Threat	Ranking
Intensive grazing or overgrazing by livestock (A09)	H
Sports, tourism and leisure activities (F07)	H
Creation or development of sports, tourism and leisure infrastructure (outside the urban or recreational areas) (F05)	H
Mixed source air pollution, air-borne pollutants (J03)	H
Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01)	M

7.2 Sources of information

7.3 Additional information

8. Conservation measures

8.1 Status of measures	a) Are measures needed?	Yes
	b) Indicate the status of measures	Measures identified and taken

8.2 Main purpose of the measures taken	Restore the habitat of the species (related to 'Habitat for the species')
8.3 Location of the measures taken	Both inside and outside Natura 2000
8.4 Response to the measures	Medium-term results (within the next two reporting periods, 2019-2030)

8.5 List of main conservation measures

Adapt mowing, grazing and other equivalent agricultural activities (CA05)

Reduce impact of outdoor sports, leisure and recreational activities (CF03)

Manage conversion of land for construction and development of infrastructure (CF01)

Adopt climate change mitigation measures (CN01)

8.6 Additional information

9. Future prospects

9.1 Future prospects of parameters	a) Range
	b) Area
	c) Structure and functions

9.2 Additional information

10. Conclusions

10.1. Range

10.2. Area

10.3. Specific structure and functions (incl. typical species)

10.4. Future prospects

10.5 Overall assessment of Conservation Status

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10.6 Overall trend in Conservation Status		
10.7 Change and reasons for change in conservation status and conservation status trend	a) Overall assessment of conservation status	
	No change	
	The change is mainly due to:	
	b) Overall trend in conservation status	
	No change	
	The change is mainly due to:	
10.8 Additional information		

11. Natura 2000 (pSCIs, SCIs, SACs) coverage for Annex I habitat types

11.1 Surface area of the habitat type inside the pSCIs, SCIs and SACs network (in km² in biogeographical/ marine region)	a) Minimum	0.84
	b) Maximum	0.84
	c) Best single value	0.84
11.2 Type of estimate	Best estimate	
11.3 Surface area of the habitat type inside the network Method used	Complete survey or a statistically robust estimate	
11.4 Short-term trend of habitat area in good condition within the network Direction	Stable (0)	
11.5 Short-term trend of habitat area in good condition within network Method used	Based mainly on expert opinion with very limited data	
11.6 Additional information		

12. Complementary information

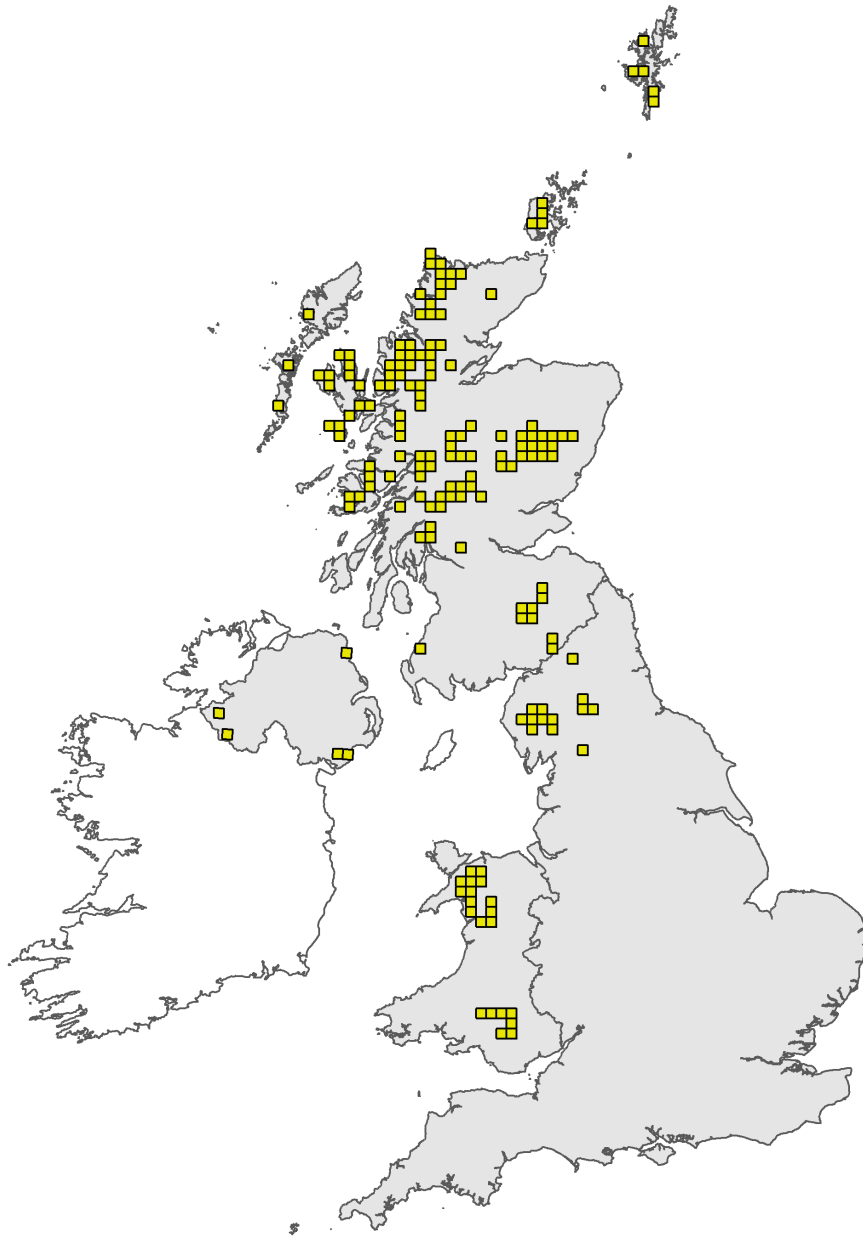|	
12.1 Justification of % thresholds for trends	
12.2 Other relevant information	

Distribution Map

Figure 1: UK distribution map for H6430 - Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels. Coastline boundary derived from the Oil and Gas Authority's OGA and Lloyd's Register SNS Regional Geological Maps (Open Source). Open Government Licence v3 (OGL). Contains data © 2017 Oil and Gas Authority.

The 10km grid square distribution map is based on available habitat records which are considered to be representative of the distribution within the current reporting period. For further details see the 2019 Article17 UK Approach document.
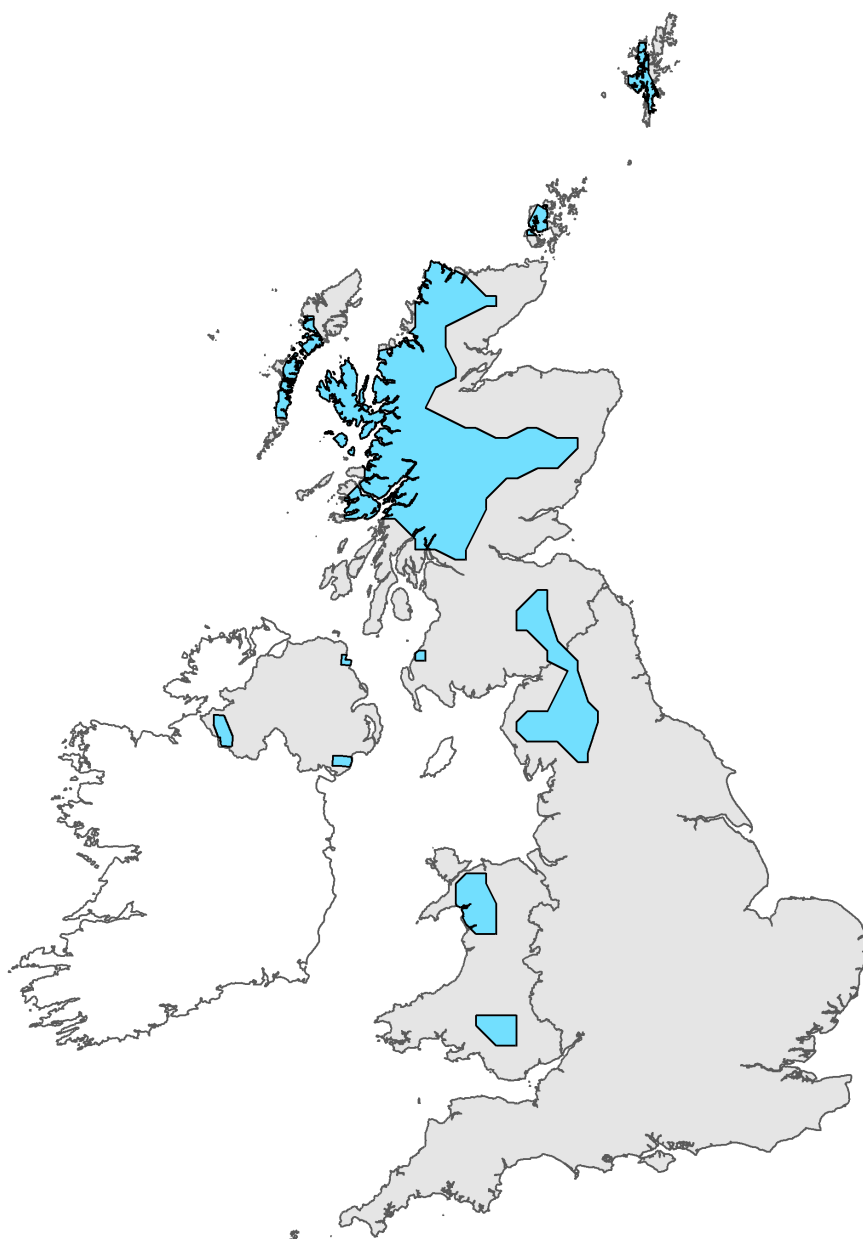
Range Map

Figure 2: UK range map for H6430 - Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels. Coastline boundary derived from the Oil and Gas Authority's OGA and Lloyd's Register SNS Regional Geological Maps (Open Source). Open Government Licence v3 (OGL). Contains data © 2017 Oil and Gas Authority.

The range map has been produced by applying a bespoke range mapping tool for Article 17 reporting (produced by JNCC) to the 10km grid square distribution map presented in Figure 1. The alpha value for this habitat was 25km. For further details see the 2019 Article 17 UK Approach document.

Explanatory Notes

Habitat code: 6430

Field label	Note
2.1 Year or period	2007-2018
2.2 Distribution map	2013 UK reporting Habitat Data

Habitat code: 6430 Region code: ATL

Field label	Note
4.1 Surface area	Area updated in 2013 by Jean Johnston, Natural England.
6.1 Condition of habitat	Condition data available is by number of units rather than area. Condition figures as reported on the spreadsheet have had degree of interpolation.
9.1 Future prospects of parameters	Overall stable but uncertainty around changes to grazing systems following EU exit.