

**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

Conservation status assessment for the habitat:

**H1420 - Mediterranean and thermo-Atlantic  
halophilous scrubs (*Sarcocornetea fruticosi*)**

**UNITED KINGDOM**

## **IMPORTANT NOTE - PLEASE READ**

- The information in this document represents 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.
- It is based on supporting information provided by the geographically-relevant Statutory Nature Conservation Bodies, which is documented separately.
- The 2019 Article 17 UK Approach document provides details on how this supporting information contributed to the UK Report and the fields that were completed for each parameter.
- The reporting fields and options used are aligned to those set out in the European Commission guidance.
- Maps showing the distribution and range of the habitat are included (where available).
- Explanatory notes (where provided) are included at the end. These provide additional audit trail information to that included within the UK assessments. Further underpinning explanatory notes are available in the related country-level and/or UK offshore-level reports.
- Some of the reporting fields have been left blank because either: (i) there was insufficient information to complete the field; and/or (ii) completion of the field was not obligatory.
- The UK-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
1.2 Habitat code	1420 - Mediterranean and thermo-Atlantic halophilous scrubs (Sarcocornetea)

### 2. Maps

2.1 Year or period	2003-2013
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	<b>Atlantic (ATL)</b>
3.2 Sources of information	<p>England</p> <p>GARBUTT A., BURDEN A, MASKELL L., SMART S., HUGHES S., NORRIS D., COPPER M. 2015. The status of Habitats Directive Annex I saltmarsh habitats, transition zones and Spartina species in England. Natural England Commissioned Report, NECR185 .</p> <p>Gardiner T., Pilcher R. &amp; Wade M. 2015. Sea Wall Biodiversity Handbook. RPS, Cambridge.</p> <p><a href="http://www.essexfieldclub.org.uk/portal/p/Sea+Wall+Biodiversity+Handbook">http://www.essexfieldclub.org.uk/portal/p/Sea+Wall+Biodiversity+Handbook</a></p> <p>Natural England. 2015. Coastal management theme plan (IPENSTP019)</p> <p><a href="http://publications.naturalengland.org.uk/publication/6371629661683712?category=5605910663659520">http://publications.naturalengland.org.uk/publication/6371629661683712?category=5605910663659520</a></p> <p>Natural England. 2015. Atmospheric nitrogen theme plan: Developing a strategic approach for England's Natura 2000 sites (IPENSTP013)</p> <p><a href="http://publications.naturalengland.org.uk/publication/6140185886588928?category=5605910663659520">http://publications.naturalengland.org.uk/publication/6140185886588928?category=5605910663659520</a></p> <p>Natural England. 2015. Climate change theme plan: Developing a strategic approach to climate change adaptation (IPENSTP014)</p> <p><a href="http://publications.naturalengland.org.uk/publication/4954594591375360?category=5605910663659520">http://publications.naturalengland.org.uk/publication/4954594591375360?category=5605910663659520</a></p> <p>Natural England. 2015. Coastal management theme plan (IPENS TP019)</p> <p><a href="http://publications.naturalengland.org.uk/publication/6371629661683712?category=5605910663659520">http://publications.naturalengland.org.uk/publication/6371629661683712?category=5605910663659520</a></p> <p>Natural England. 2015. Invasive species theme plan: Strategic principles for the management of invasive species on Natura 2000 sites (IPENSTP020)</p> <p><a href="http://publications.naturalengland.org.uk/publication/6130001713823744?category=5605910663659520">http://publications.naturalengland.org.uk/publication/6130001713823744?category=5605910663659520</a></p> <p>Natural England. 2015. Public access and disturbance theme plan: A strategic approach to identifying and addressing significant effects on the features of Natura 2000 sites (IPENSTP022)</p> <p><a href="http://publications.naturalengland.org.uk/publication/6621454219083776?category=5605910663659520">http://publications.naturalengland.org.uk/publication/6621454219083776?category=5605910663659520</a></p> <p>Natural England. 2015. Improvement Programme for England's Natura 2000 sites (IPENS): Planning for the future Programme Report - a summary of the</p>

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## 4. Range

4.1 Surface area (in km <sup>2</sup> )	2099.24
4.2 Short-term trend Period	2007-2018
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	Based mainly on extrapolation from a limited amount of data
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 (km <sup>2</sup> ) 2099.24 b) Operator c) Unknown No d) Method The FRR is approximately equal to the current range area. The approach taken to set the FRR is explained in the 2007 and 2013 UK Article 17 habitat reports (see <a href="http://jncc.defra.gov.uk/page-4064">http://jncc.defra.gov.uk/page-4064</a> and <a href="http://jncc.defra.gov.uk/page-6563">http://jncc.defra.gov.uk/page-6563</a> ).
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

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5.1 Year or period	2003-2018		
5.2 Surface area (in km²)	a) Minimum	b) Maximum	c) Best single value 1.07
5.3 Type of estimate	Best estimate		
5.4 Surface area Method used	Based mainly on extrapolation from a limited amount of data		
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	Based mainly on extrapolation from a limited amount of data		
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	More than (>)	
	c) Unknown	No	
	d) Method	The FRA is not more than 10% above the current area. An FRA operator has been used as it is not clear what the exact area of the FRA is. The approach taken to set the FRA is explained in the 2007 and 2013 UK Article 17 habitat reports (see <a href="http://jncc.defra.gov.uk/page-4064">http://jncc.defra.gov.uk/page-4064</a> and <a href="http://jncc.defra.gov.uk/page-6563">http://jncc.defra.gov.uk/page-6563</a> ).	
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 (km <sup>2</sup> )	Minimum 0.02	Maximum 0.02
	b) Area in not-good condition (km <sup>2</sup> )	Minimum 0.45	Maximum 0.45
	c) Area where condition is not known (km <sup>2</sup> )	Minimum 0.6	Maximum 0.6
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	Uncertain (u)		
6.5 Short-term trend of habitat area in good condition Method used	Insufficient or no data available		
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			

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## 7. Main pressures and threats

### 7.1 Characterisation of pressures/threats

Pressure	Ranking
Intensive grazing or overgrazing by livestock (A09)	M
Modification of coastline, estuary and coastal conditions for development, use and protection of residential, commercial, industrial and recreational infrastructure and areas (including sea defences or coastal protection works and infrastructures) (F08)	M
Mixed source air pollution, air-borne pollutants (J03)	M
Sea-level and wave exposure changes due to climate change (N04)	M
Threat	Ranking
Intensive grazing or overgrazing by livestock (A09)	M
Modification of coastline, estuary and coastal conditions for development, use and protection of residential, commercial, industrial and recreational infrastructure and areas (including sea defences or coastal protection works and infrastructures) (F08)	H
Mixed source air pollution, air-borne pollutants (J03)	M
Sea-level and wave exposure changes due to climate change (N04)	H

### 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)

Manage changes in hydrological and coastal systems and regimes for construction and development (CF10)

Implement climate change adaptation measures (CN02)

### 8.6 Additional information

## 9. Future prospects

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## 9.1 Future prospects of parameters

a) Range	Good
b) Area	Poor
c) Structure and functions	Bad

## 9.2 Additional information

Future trend of Range is Overall stable; Future trend of Area is Overall stable; and Future trend of Structure and functions is Negative - slight/moderate deterioration

## 10. Conclusions

### 10.1. Range

Favourable (FV)

### 10.2. Area

Unfavourable - Inadequate (U1)

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

Unfavourable - Bad (U2)

### 10.4. Future prospects

Unfavourable - Bad (U2)

### 10.5 Overall assessment of Conservation Status

Unfavourable - Bad (U2)

### 10.6 Overall trend in Conservation Status

Stable (=)

### 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

Improved knowledge/more accurate data

Use of different method

No information on nature of change

The change is mainly due to: Improved knowledge/more accurate data

### 10.8 Additional information

Conclusion on Range reached because: (i) the short-term trend direction in Range surface area is stable; and (ii) the current Range surface area is approximately equal to the Favourable Reference Range.

Conclusion on Area covered by habitat reached because: (i) the short-term trend direction in Area is stable; and (ii) the current Area is not more than 10% below the Favourable Reference Area.

Conclusion on Structure and functions reached because habitat condition data indicates that more than 25% of the habitat is in unfavourable (not good) condition.

Conclusion on Future prospects reached because: (i) the Future prospects for Range are good; (ii) the Future prospects for Area covered by habitat are poor; and (iii) the Future prospects for Structure and functions are bad.

Overall assessment of Conservation Status is Unfavourable-bad because one or more of the conclusions is Unfavourable-bad.

Overall trend in Conservation Status is based on the combination of the short-term trends for Range - stable, Area covered by habitat - stable, and Structure and functions - uncertain.

The Overall trend in Conservation Status has changed between 2013 and 2019 because the Area trend has changed from unknown to stable, the Structure and functions trend has changed from increasing to uncertain, and because of the removal of the Future prospects trend from the 2019 method used to assess Overall trend [note that the reason for change is due to less information/accuracy or certainty in the information available].



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## 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 km<sup>2</sup> in biogeographical/marine region)

a) Minimum  
b) Maximum  
c) Best single value 1.345

11.2 Type of estimate

Best estimate

11.3 Surface area of the habitat type inside the network Method used

Based mainly on extrapolation from a limited amount of data

11.4 Short-term trend of habitat area in good condition within the network Direction

Decreasing (-)

11.5 Short-term trend of habitat area in good condition within network Method used

Based mainly on extrapolation from a limited amount of data

11.6 Additional information

## 12. Complementary information

12.1 Justification of % thresholds for trends

12.2 Other relevant information

## Distribution Map

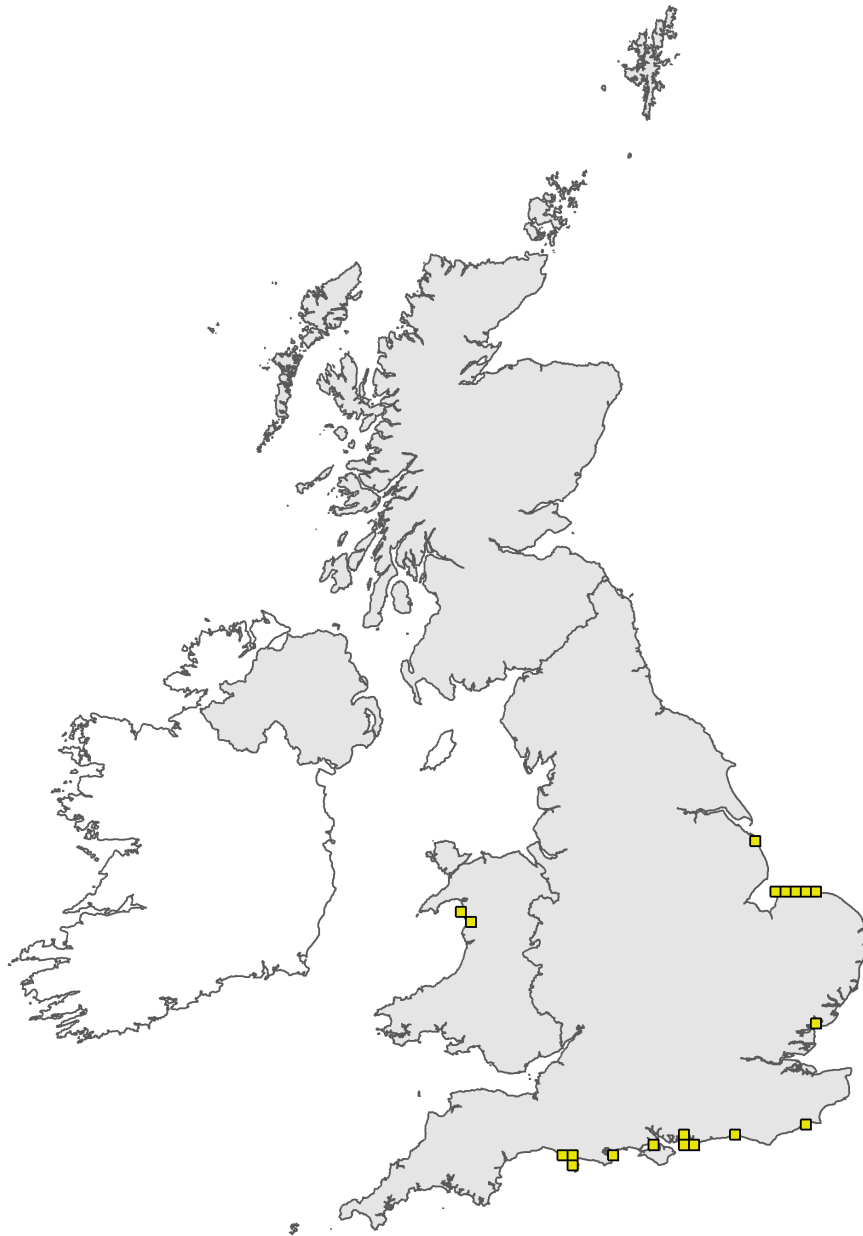


Figure 1: UK distribution map for H1420 - Mediterranean and thermo-Atlantic halophilous scrubs (*Sarcocornetea fruticosi*). Coastline boundary derived from the Oil and Gas Authority's OGA and Lloyd's Register SNS Regional Geological Maps (Open Source). Open Government Licence v3 (OGL). Contains data © 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 H1420 - Mediterranean and thermo-Atlantic halophilous scrubs (*Sarcocornetea fruticosi*). 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.