

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

Supporting documentation for the
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

Species:

S1014 - Narrow-mouthed whorl snail (*Vertigo angustior*)

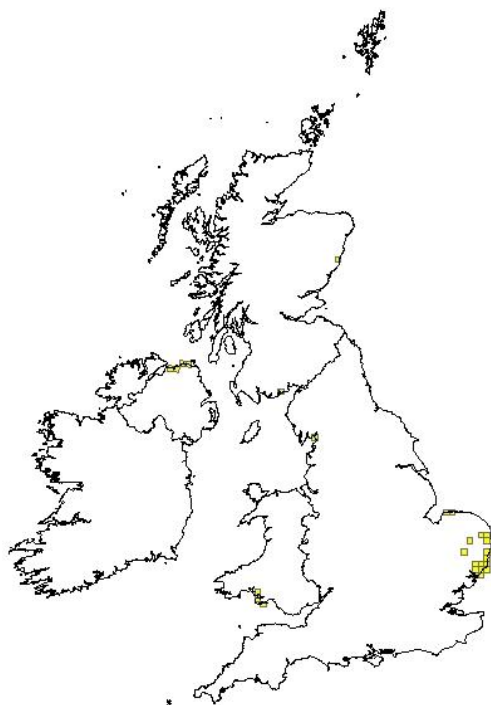
IMPORTANT NOTE – PLEASE READ

- The country-level reporting information contained in this document is a contribution to the Article 17 UK report for the habitat/species concerned.
- It has been provided by **Scottish Natural Heritage** and refers only to the state of the habitat/species in **Scotland** - it does not constitute an assessment for the whole of the UK.
- The Article 17 UK Approach document provides details on how this information has been used and, combined with information supplied by other Statutory Nature Conservation Bodies
- The format of the document is closely aligned to that set out by the European Commission for Member State reporting – as a result, some of the fields are not applicable at a country-level and have deliberately been left blank – in addition, the content of most fields is constrained by the EC reporting categories.

Reporting format on the 'main results of the surveillance under Article 11' for Annex II, IV & V species

<i>Field name</i>	<i>Brief explanations</i>	
0.2 Species	0.2.1 Species code	S1014
	0.2.2 Species scientific name	<i>Vertigo angustior</i>
	0.2.3 Alternative species scientific name Optional	
	0.2.4 Common name Optional	Narrow-mouthed whorl snail

1.1 Maps			
1.1.1 Distribution map		Sensitive	False
	Killeen, I. (2012) unpublished report Marriott & Colville (2011) Buglife report SCM report (2011)		



1.1.2 Method used - map	Complete survey/Complete survey or a statistically robust estimate		
1.1.3 Year or period	2010-2012		
	Killeen, I. (2012) unpublished report Marriott & Colville (2011) Buglife report SCM report (2011)		

	data usually expressed as number of individual/flushes
1.1.4 Additional distribution map	False
1.1.5 Range map	

2.1 Biogeographical region & marine regions	ATL
2.2 Published sources	"Killeen, I. (2012) unpublished report Marriott & Colville (2011) Buglife report SCM report (2011)"
	Killeen, I. (2012) unpublished report Marriott & Colville (2011) Buglife report SCM report (2011)

2.3 Range	
2.3.1 Surface area Range	
2.3.2 Method used Surface area of Range	Complete survey/Complete survey or a statistically robust estimate
2.3.3 Short-term trend Period	2010-2012
2.3.4 Short term trend Trend direction	
2.3.5 Short-term trend Magnitude	a) Minimum
	b) Maximum
2.3.6 Long-term trend Period	
2.3.7 Long-term trend Trend direction	
2.3.8 Long-term trend Magnitude Optional	a) Minimum

	b) Maximum	
2.3.9 Favourable reference range	a) Value in km²	
	b) Operator for FRR	
	c) FRR is unknown (indicated by "true")	False
	d) Method used to set FRR	
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
	b) Improved knowledge/more accurate data?	False
	c) Use of different method (e.g. "Range tool")?	False

2.4 Population		
2.4.1 Population size estimation (using individuals or agreed exceptions where possible)	a) Unit	
	b) Minimum	
	c) Maximum	
2.4.2 Population size estimation (using population unit other than individuals) Optional (<i>if 2.4.1 filled in</i>)	a) Unit	number of map 1x1 km grid cells
	b) Minimum	3

	c) Maximum	3
2.4.3 Additional information on population estimates / conversion Optional	a) Definition of "locality"	
	b) Method to convert data	
	c) Problems encountered to provide population size estimation	
	data usually expressed as number of individual	
2.4.4 Year or period	2010-2012	
2.4.5 Method used Population size	Complete survey/ Complete survey or a statistically robust estimate	
	Killeen, I. (2012) unpublished report Marriott & Colville (2011) Buglife report SCM report (2011)	
2.4.6 Short-term trend Period	1998-2012	
2.4.7 Short-term trend Trend direction	stable	
2.4.8 Short-term trend Magnitude	a) Minimum	
	b) Maximum	
	c) Confidence interval	
2.4.9 Short-term trend Method used	Complete survey/ Complete survey or a statistically robust estimate	
	Killeen, I. (2012) unpublished report Marriott & Colville (2011) Buglife report SCM report (2011) No indication of change since earliest report within the period	
2.4.10 Long-term trend –		

Period		
2.4.11 Long-term trend Trend direction		
2.4.12 Long-term trend Magnitude Optional	a) Minimum	
	b) Maximum	
	c) Confidence interval	
2.4.13 Long term trend Method used		
2.4.14 Favourable reference population	a) Number of individuals/agreed exceptions/other units	
	b) Operator	
	c) FRP is unknown indicated by "true"	False
	d) Method used to set FRP	
2.4.15 Reason for change Is the difference between the value reported at 2.4.1 or 2.4.2 and the previous reporting round mainly due to:	a) Genuine change?	False
	b) Improved knowledge/more accurate data?	False
	c) Use of different method (e.g.	False

	"Range tool"?)	

2.5 Habitat for the species		
2.5.1 Area estimation	30	
2.5.2 Year or period	2010-2012	
2.5.3 Method used Habitat for the species	Complete survey/Complete survey or a statistically robust estimate	
2.5.4 Quality of the habitat	a) Habitat quality	Good
	Published literature	
	b) Assessment method	Information provided by specialist.
Information provided by specialist.		
2.5.5 Short-term trend Period	1998-2012	
2.5.6 Short-term trend Trend direction	stable	
	Estimate derived from reports Published literature	
2.5.7 Long-term trend Period		
2.5.8 Long-term trend Trend direction		
2.5.9 Area of suitable habitat for the species	a) Value in km²	
	b) Absence of data indicated as '0'	
2.5.10 Reason for change Is the difference between the value reported at 2.5.1 and the previous reporting round mainly due to	a) Genuine change?	False
	b) Improved knowledge/more accurate data?	False
	c) Use of different method (e.g. "Range tool"?)	False

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2.6 Main pressures

a) Pressure	b) Ranking	c) Pollution qualifier
	H = high importance M = medium importance L = low importance	
A04: grazing	H	
K01: abiotic (slow) natural processes	H	

2.6.1 Method used – Pressures

mainly based on expert judgement and other data
expert opinion and literature

2.7 Threats

a) Threat	b) Ranking	c) Pollution qualifier
	H = high importance M = medium importance L = low importance	
A04: grazing	H	
K01: abiotic (slow) natural processes	H	
H01: Pollution to surface waters (limnic & terrestrial, marine & brackish)	M	
J02: human induced changes in hydraulic conditions	M	

2.7.1 Method used – Threats

expert opinion

2.8 Complementary information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant information

2.8.3 Trans-boundary assessment	

2.9 Conclusions (*assessment of conservation status at end of reporting period*)

Please refer to the United Kingdom assessment for this species.

3 Natura 2000 coverage & conservation measures - Annex II species (*only applies to species listed under Annex II of the Directive*)

3.1 Population

3.1.1 Population size	a) Unit	number of map 1x1 km grid cells
Estimation of population size included in the SAC network	b) Minimum	2
	c) Maximum	2
3.1.2 Method used	Complete survey/Complete survey or a statistically robust estimate	
	Site Condition Monitoring in 2012 by I.J. Killeen	
3.1.3 Trend of population size within the network (short-term trend)		

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	where the measure is PRIMARILY applied	

	a) Legal/statutory	b) Administrative	c) Contractual	d) Recurrent	e) One-off	M = medium 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
2.1: Maintaining grasslands and other open habitats			Y			H	Y	Y		Y					

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