

**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


Species:

**S1016 - *Vertigo moulinsiana* - Desmoulin's whorl
snail**

The information in this assessment corresponds to the "species 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>

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Species Name: *Vertigo moulinsiana*

1. National level	
Species Code	S1016
Member State	United Kingdom
Biogeographic regions concerned within the Member state	ATL
1.1 Range map	

1.2 Distribution map



2. Biogeographic level

2.1 Biogeographic region

ATL

2.2 Published sources and/or websites

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Map Data Sources

Conchological Society - Mollusc (non-marine) data for Great Britain and Ireland; Natural England - Invertebrate Site Register (via the NBN Gateway)

KILLEEN, I.J. 2000. *Vertigo moulinsiana* in Kent. *Journal of Conchology*, 37, 81-82

HOLYOAK, G.A. 2003. Habitats of *Vertigo moulinsiana* (Gastropoda:

	Vertiginidae) in Cornwall. Journal of Conchology 38(1): 79-85			
2.3 Range of species in the biogeographic region or marine region				
2.3.1 Surface range of the species (sq km)	17466			
2.3.2 Date of range determination	1990-2002			
2.3.3 Quality of data concerning range	Moderate			
2.3.4 Range trend	Stable (=)			
2.3.5 Range trend magnitude (%)	Not applicable			
2.3.6 Range trend period	1960-2002			
2.3.7 Reasons for reported trend	Not applicable			
2.4 Population				
2.4.1 Population size estimation	Minimum	68	Maximum	68
	Units	Other		
2.4.2 Date of population estimation	1990-2002			
2.4.3 Method used for population estimation	2 - Extrapolation from surveys of part of the population			
2.4.4 Quality of population data	Poor			
2.4.5 Population trend	Unknown (X)			
2.4.6 Population trend magnitude (%)	Not applicable			
2.4.7 Population trend period	1994-2006			
2.4.8 Reasons for reported trend	Not applicable			
2.4.9 Justification of % thresholds for trends (optional)	Not applicable			
2.4.10 Main pressures	502 - routes, autoroutes; 800 - Landfill, land reclamation and drying out, general; 850 - Modification of hydrographic functioning, general; 853 - management of water levels; 910 - Silting up; 920 - Drying out; 930 - Submersion; 950 - Biocenotic evolution;			
2.4.11 Threats	502 - routes, autoroutes; 800 - Landfill, land reclamation and drying out, general; 850 - Modification of hydrographic functioning, general; 853 - management of water levels; 910 - Silting up; 920 - Drying out; 930 - Submersion; 950 - Biocenotic evolution;			
2.5 Habitat for the species in the biogeographic region or marine region				
2.5 Habitats for the species	Vertigo moulinsiana is commonly quoted as requiring unshaded, calcareous floodplain marshland dominated by large wetland graminoids, especially Glyceria maxima, larger Carax species, Phragmites and Cladium, in particular areas with groundwater more or less at the surface and the majority of populations are known from these types of habitat. However, some recent discoveries have been in other habitats, including densely vegetated grazing marsh ditches with considerable dense litter, coastal short herb-rich fen			

	associated with dunes. The common factor at all sites being a sufficiently humid environment for the species.
2.5.2 Area estimation (sq km)	Unknown
2.5.3 Date of estimation	05/2007
2.5.4 Quality of data	Poor
2.5.5 Trend of the habitat	Unknown (X)
2.5.6 Trend period	2002-2006
2.5.7 Reasons for reported trend	Not applicable
2.6 Future prospects	
2.6 Future prospects for the species	Good prospects_Species expected to survive and prosper
2.7 Complementary information	
2.7.1 Favourable reference range (sq km)	17466
2.7.2 Favourable reference population	
2.7.3 Suitable Habitat for the species	Unknown
2.7.4 Other relevant information	
2.8 Conclusions <i>(assessment of conservation status at end of reporting period)</i>	
(2.3) Range	(FV) - Favourable
(2.4) Population	(XX) - Unknown
(2.5) Habitat for the species	(XX) - Unknown
(2.6) Future prospects	(FV) - Favourable
Overall assessment	(XX) - Unknown