



Sisymbrium supinum

Annex	II, IV
Priority	No
Species group	Vascular plants
Regions	Atlantic, Boreal, Continental

The plant *Sisymbrium supinum* is endemic to Central Europe with extend from France to Estonia and Sweden (Atlantic, Boreal and Continental region). It is a pioneer species of very open vegetation; habitats of this species have only tiny vegetation cover. It occurs in perennial calcareous grassland and basic steppes, almost bare rock pavements, including limestone pavements and recently abandoned above-ground spaces of industrial sites, also in man-made sites: fields, roadsides, railway embankments and quarries. It has been reported from the following Habitats Directive listed habitats: 3270, 6210, 6280, 8130, 8240. The IUCN European Red List classifies the species as Near Threatened (NT).

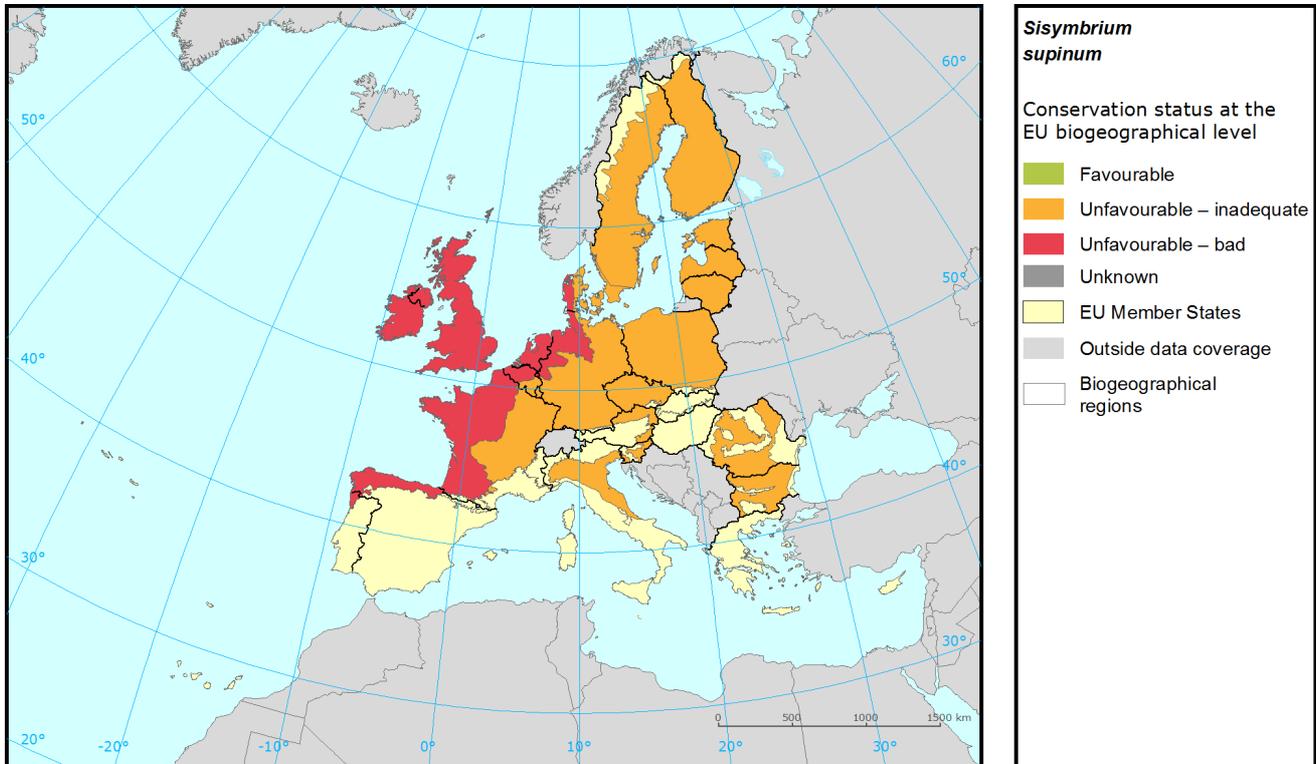
The conservation status in the Boreal and Continental region are "Unfavourable Inadequate" while it is "Unfavourable Bad" in the Atlantic region. The situation of the species is good in Sweden that reported all parameters "Favourable", "Unfavourable Bad" situation reported France in Atlantic region. The population is stable in Sweden and Estonia, France reported decreasing population in Atlantic and increasing in Continental region. The previous conservation status was considered "Unfavourable Bad in Atlantic and Continental regions and "Unfavourable Inadequate" in Boreal region.

The species is threatened mostly by biocenotic evolution, succession, competition with other species, including invasive alien species, modification of cultivation practices or abandonment of pastoral systems, urbanisation, industrial and similar activities.

Changes in overall conservation status between 2001-06 and 2007-12 report are mostly caused by different methodical approach and better data rather than real change in conservation status in Continental region. No changes in overall conservation status between 2001-06 and 2007-12 reports in Atlantic and Boreal region.

Species: *Sisymbrium supinum*
Report under the Article 17 of the Habitats Directive

Assessment of conservation status at the European biogeographical level



Region	Conservation status (CS) of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
	Range	Population	Habitat	Future prospects					
ATL	U2	U2	U2	XX	U2	-	11	U2	
BOR	FV	FV	U1	U1	U1	+	48	U1	
CON	U1	FV	FV	FV	U1	=	41	U2	Not genuine

See the endnote for more informationⁱ

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Assessment of conservation status at the Member State level



Sisymbrium supinum

Distribution and conservation status at the Member State level

- | | |
|---------------------------|------------------------|
| Favourable | EU Member States |
| Unfavourable - inadequate | Outside data coverage |
| Unfavourable - bad | Biogeographical region |
| Unknown | |

The map shows both Conservation Status and distribution using a 10 km x 10 km grid. Conservation status is assessed at biogeographical level. Therefore the representation in each grid cell is only illustrative.

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MS Region	Conservation status of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
	Range	Population	Habitat	Future prospects					
FR ATL	U2	U2	U2	XX	U2	-	100.0	U2	
EE BOR	FV	FV	U1	U1	U1	+	46.7	U1	
SE BOR	FV	FV	FV	FV	FV		53.3	FV	
FR CON	U1	FV	FV	FV	U1	=	84.4	U2	Better data
SE CON	FV	FV	FV	FV	FV		15.6	FV	

Knowing that not all changes in conservation status between the reporting periods were genuine, Member States were asked to give the reasons for changes in conservation status. Bulgaria and Romania only joined the EU in 2007 and Greece did not report for 2007-12 so no reason is given for change for these countries. Greek data shown above is from 2001-06.

Main pressures and threats reported by Member States

Member States were asked to report the 20 most important threats and pressures using an agreed hierarchical list which can be found on the [Article 17 Reference Portal](#). Pressures are activities which are currently having an impact on the species and threats are activities expected to have an impact in the near future. Pressures and threats were ranked in three classes 'high, medium and low importance'; the tables below only show threats and pressures classed as 'high', for some species there were less than ten threats or pressures reported as highly important.

Ten most frequently reported 'highly important' pressures

Code	Activity	Frequency
I02	Problematic native species	25
A04	Grazing by livestock	13
E05	Storage of materials	13
E06	Other urban/industrial developments	13
I01	Invasive alien species	13
K01	Abiotic natural processes	13
K02	Vegetation succession/Biocenotic evolution	13

Ten most frequently reported 'highly important' threats

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I02	Problematic native species	25
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K01	Abiotic natural processes	13
K02	Vegetation succession/Biocenotic evolution	13

Proportion of population covered by the Natura 2000 network

For species listed in the Annex II of the Directive Member States were asked to report the population size within the Natura 2000 network. The percentage of species population covered by the network was estimated by comparing the population size within the network and the total population size in the biogeographical/marine region.

Percentage of coverage by Natura 2000 sites in biogeographical/marine region

	ATL	BOR	CON
EE		6	
FR	7		x
SE		5	94

See the endnotes for more informationⁱⁱ

Most frequently reported conservation measures

For species listed in the Annex II of the Directive Member States were asked to report up to 20 conservation measures being implemented for this species using an agreed list which can be found on the Article 17 Reference Portal. Member States were further requested to highlight up to five most important ('highly important') measures; the table below only shows measures classed as 'high', for many species there were less than ten measures reported as highly important.

Ten most frequently reported 'highly important' conservation measures

Code	Measure	Frequency
2.1	Maintaining grasslands and other open habitats	60
9.1	Regulating/Management exploitation of natural resources on land	40

This information is derived from the Member State national reports submitted to the European Commission under Article 17 of the Habitats Directive in 2013 and covering the period 2007-2012. More detailed information, including the MS reports, is available at:

<http://bd.eionet.europa.eu/article17/reports2012/species/summary/?group=Vascular+plants&period=3&subject=Sisymbrium+supinum>

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i Assessment of conservation status at the European biogeographical level: Current Conservation Status (Current CS) shows the status for the reporting period 2007-2012, Previous Conservation Status (Previous CS) for the reporting period 2000-2006. Reason for change in conservation status between the reporting periods indicates whether the changes in the status were genuine or not genuine. Previous Conservation Status was not assessed for Steppic, Black Sea and Marine Black Sea regions. For these regions the Previous status is therefore considered as 'unknown'. The percentage of the species population occurring within the biogeographical/marine region (% in region) is calculated based on the area of GIS distribution.

ii Percentage of coverage by Natura 2000 sites in biogeographical/marine region: In some cases the population size within the Natura 2000 network has been estimated using a different methodology to the estimate of overall population size and this can lead to percentage covers greater than 100%. In such case the value has been given as 100% and highlighted with an asterisk (*). The value 'x' indicates that the Member State has not reported the species population and/or the coverage by Natura 2000. No information is available for Greece. The values are only provided for regions, in which the occurrence of the species has been reported by the Member States.