



## Gentianella bohemica

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<b>Annex</b>	II, IV
<b>Priority</b>	Yes
<b>Species group</b>	Vascular plants
<b>Regions</b>	Continental

*Gentianella bohemica* is a biennial plant species endemic in the area of the Bohemian Massiv in Poland, Germany, Czech Republic and Austria (Continental region). It occurs both in acid poor grassland (mainly habitat type 6230\* Species-rich *Nardus* grasslands) and on basic calcareous grassland reaching up to the montane zone (mainly habitat type 6520 Mountain hay meadows). Thus the species was classed as Vulnerable (VU) both on the European and on the IUCN EU Redlist.

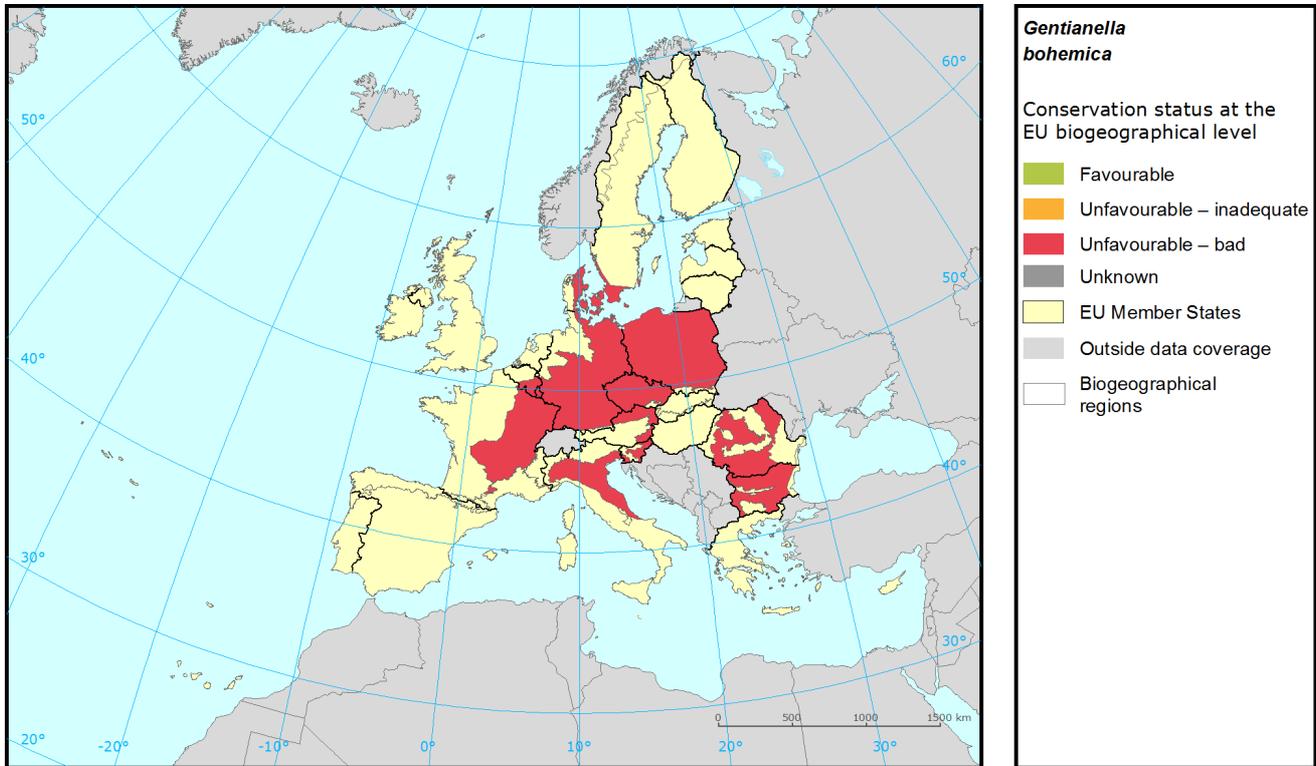
The status in the Continental region is "Unfavourable Bad" with negative trend, because of negative range trends and low population numbers. Only Poland reports a better, "Unfavourable Inadequate", status.

Out of various factors, the species is threatened mainly by abandonment of pastoral systems, intensification of agriculture and forest planting.

No changes in overall conservation status between 2001-06 and 2007-12 reports.

Species: *Gentianella bohemica*  
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					
CON	U2	U2	U2	U2	U2	-	100	U2	

See the endnote for more information<sup>i</sup>

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## Assessment of conservation status at the Member State level



### *Gentianella bohemica*

Distribution and conservation status at the Member State level



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.

# Species: *Gentianella bohemica*

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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					
AT	CON	U2	U2	U2	U2	-	32.0			
CZ	CON	U2	U2	U1	U1	-	54.0	U2		
DE	CON	U2	U2	U2	XX	x	10.0	U2		
PL	CON	FV	U1	U1	U1	x	4.0	U1	Genuine	

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
A03	Mowing or cutting grasslands	30
K05	Reduced fecundity/Genetic depression	20
A02	Modification of cultivation practices	10
A04	Grazing by livestock	10
A08	Fertilisation in agriculture	10
K04	Interspecific floral relations	10
M01	Abiotic changes (climate change)	10

### Ten most frequently reported 'highly important' threats

Code	Activity	Frequency
K05	Reduced fecundity/Genetic depression	25
A03	Mowing or cutting grasslands	13
A04	Grazing by livestock	13
A08	Fertilisation in agriculture	13
B01	Afforestation	13
K04	Interspecific floral relations	13
M01	Abiotic changes (climate change)	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

CON	
AT	14
CZ	94
DE	x
PL	100

See the endnotes for more information<sup>ii</sup>

## 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	50
7.4	Specific single species or species group management measures	25
6.1	Establish protected areas/sites	13
6.3	Legal protection of habitats and species	13

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=Gentianella+bohemica>

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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.