



Ligularia sibirica

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

Ligularia sibirica is a plant species which occurs in a variety of wetlands such as humid grasslands, alkaline mires and alluvial woodlands. It's distribution ranging from the French Pyrenees to the Baltic States and Russia. It occur in Continental, Boreal and Alpine region. The species is listed in the IUCN Red list of threatened species as Data Deficient (DD). The species population is decreasing and classed as threatened in most national red lists.

In all regions the current conservation status was assessed as "Unfavourable Inadequate", mainly due "Inadequate" assessment of habitat structures and future prospect.

Main threats are changes in hydrological regime, drought, modification of cultivation practices, sheep grazing, agricultural intensification and abandonment of pastoral systems, lack of grazing.

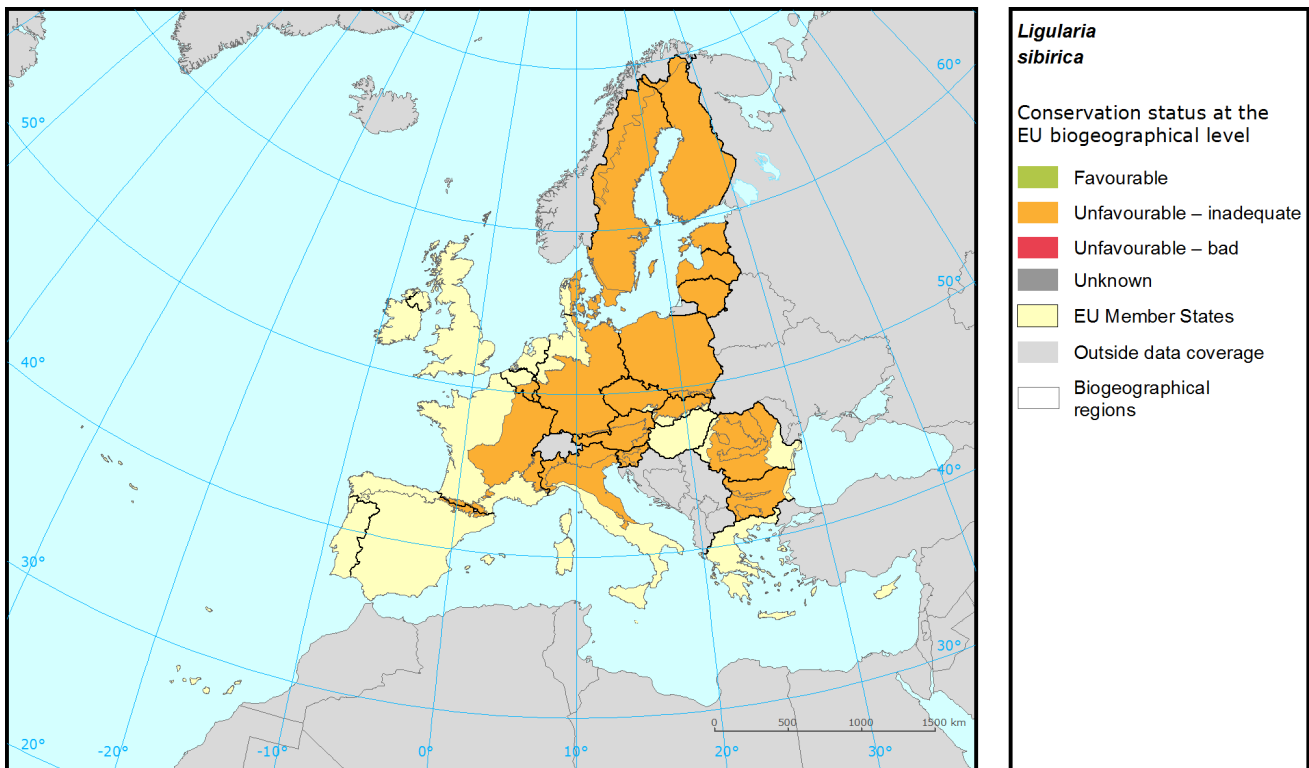
Changes in overall conservation status between 2001-06 and 2007-12 report are mostly caused by different methodical approach and better data rather than real change in conservation status in Alpine region. No changes in overall conservation status between 2001-06 and 2007-12 reports in Boreal and Continental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

Better data required from France.

Species: *Ligularia sibirica*

Report under the Article 17 of the Habitats Directive

Assessment of conservation status at the European biogeographical level



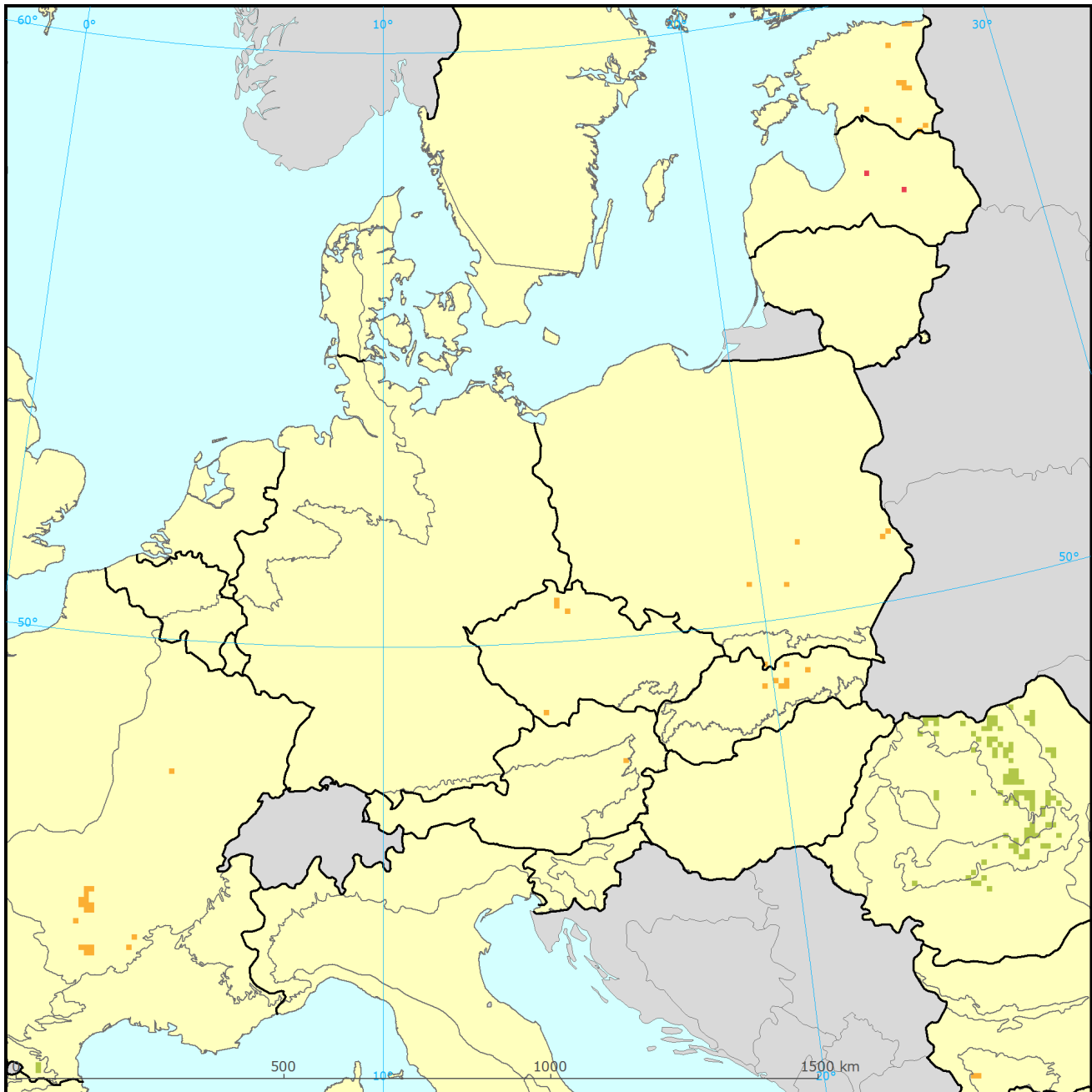
Region	Conservation status (CS) of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
	Range	Population	Habitat	Future prospects					
ALP	FV	FV	U1	U1	U1	=	53	U2	Not genuine
BOR	FV	FV	U1	U1	U1	=	9	U1	
CON	FV	U1	U1	U1	U1	-	39	U1	

See the endnote for more informationⁱ

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Assessment of conservation status at the Member State level



Ligularia sibirica

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					
AT	ALP	FV	FV	U1	U1	U1	=	1.2	U2	Better data
BG	ALP	FV	FV	FV	U1	U1	-	2.5		
FR	ALP	FV	FV	XX	FV	FV		2.5	U1	Better data
PL	ALP	FV	U1	U1	FV	U1	=	1.2	U1	Changed method
RO	ALP	FV	FV	FV	FV	FV		83.8		
SK	ALP	FV	FV	U1	U1	U1	=	8.8	U1	
EE	BOR	FV	FV	U1	U1	U1	=	84.6	U1-	Better data
LV	BOR	U1	U1	U1	U2	U2	-	15.4	U1	Genuine
CZ	CON	FV	U1	U1	U1	U1	-	6.8	U1	
FR	CON	FV	FV	FV	U1	U1	=	32.2	U1	
PL	CON	FV	FV	U1	FV	U1	+	8.5	U1	Genuine
RO	CON	FV	FV	FV	FV	FV		52.5		

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
J02	Changes in water bodies conditions	36
A02	Modification of cultivation practices	14
A04	Grazing by livestock	14
K02	Vegetation succession/Biocenotic evolution	14
A03	Mowing or cutting grasslands	7
I02	Problematic native species	7
M01	Abiotic changes (climate change)	7

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Ten most frequently reported 'highly important' threats

Code	Activity	Frequency
A02	Modification of cultivation practices	19
A04	Grazing by livestock	13
J02	Changes in water bodies conditions	13
K02	Vegetation succession/Biocenotic evolution	13
A03	Mowing or cutting grasslands	6
I02	Problematic native species	6
J01	Fire and fire suppression	6
J03	Other changes to ecosystems	6
K01	Abiotic natural processes	6
K03	Interspecific faunal relations	6

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

	ALP	BOR	CON
AT	100		
BG	100		
CZ			75
EE		71	
FR	x		100*
LV		28	
PL	100		100
RO	100		100
SK	97		

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
6.1	Establish protected areas/sites	27
6.3	Legal protection of habitats and species	20
4.2	Restoring/improving the hydrological regime	17
2.1	Maintaining grasslands and other open habitats	10
4.3	Managing water abstraction	7
2.2	Adapting crop production	3
3.2	Adapt forest management	3
6.0	Other spatial measures	3
7.0	Other species management measures	3
8.1	Urban and industrial waste management	3

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=Ligularia+sibirica>

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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.