



Caldesia parnassifolia

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

The *Caldesia parnassifolia* is a sub-tropic plant species which occurs in a few European countries. This species grows in wet places, often on the edge of water bodies. The IUCN Red List classifies the species as Near Threatened (NT). *Caldesia parnassifolia* is reported as Extinct in Austria, Bulgaria, Croatia, Lithuania, Serbia, Slovenia and Switzerland. It is included as Critically Endangered (CR) in Bavaria, Poland and in Hungary national Red lists. It is protected in France, Bulgaria, Hungary and Bavaria.

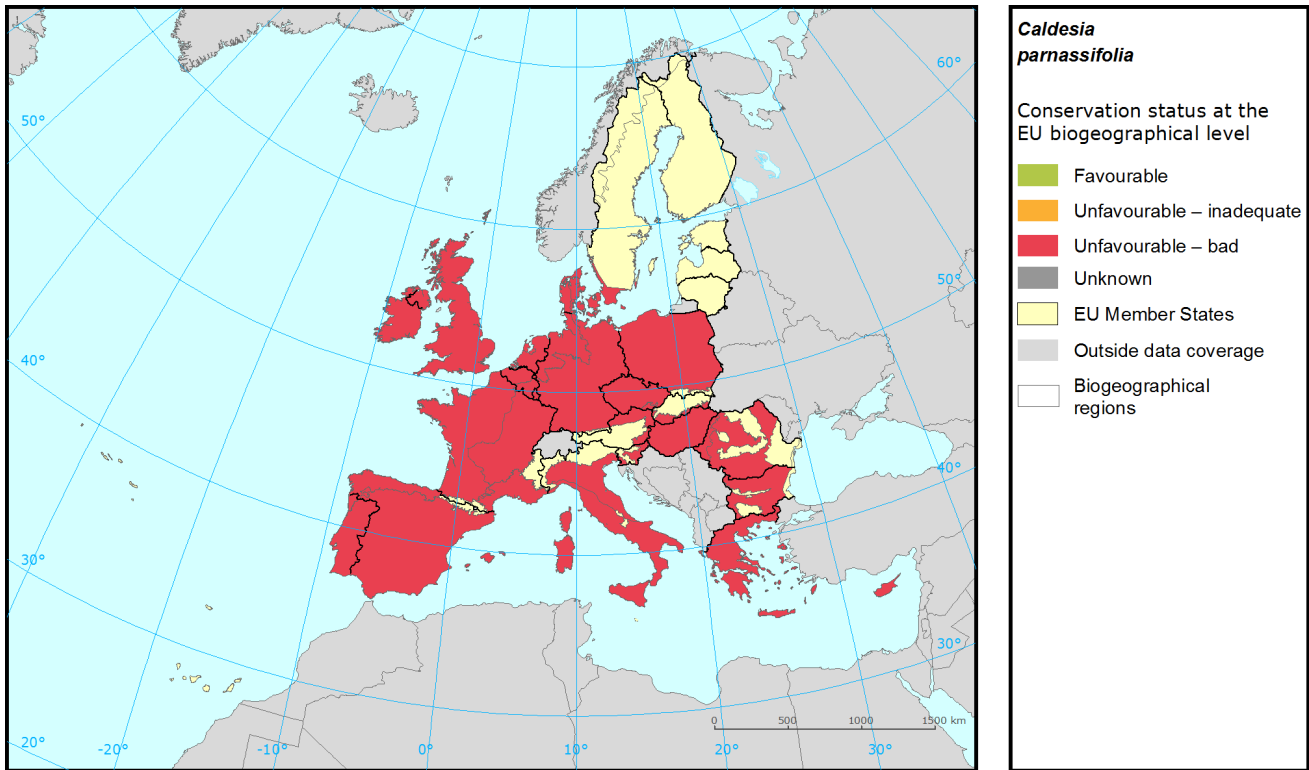
The previous and the current conservation status of this species was assessed as "Unfavourable Bad" in all bioregions it occur (Atlantic, Continental, Mediterranean and Pannonian). This species is considered to become extinct in Italy (Mediterranean bioregion). The overall conservation trend is declining, except Continental bioregion, where was reported as stable.

The species is threatened mostly by human induced changes in hydraulic, drying out, fertilisation, invasion of non-native species, flora competition, and succession, fishing and harvesting aquatic resources.

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

Species: *Caldesia parnassifolia*
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	U1	XX	U2	-	67	U2	
CON	U2	U1	XX	XX	U2	=	27	U2	
MED					U2	-		U2	
PAN	U1	U2	U1	U2	U2	-	7	U2	

See the endnote for more informationⁱ








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Assessment of conservation status at the Member State level



Caldesia parnassifolia

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	U1	XX	U2	-	100.0	U2	
DE	CON	FV	U2	U1	U1	U2	-	12.5	FV	Genuine
FR	CON	U2	FV	XX	XX	U2	=	75.0	U2	
PL	CON	U2	U1	U2	FV	U2	+	12.5	U2	Genuine
IT	MED								U2	
HU	PAN	U1	U2	U1	U2	U2	-	100.0	U2	Better data

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
F02	Fishing and harvesting aquatic resources	13
F03	Hunting and collection of terrestrial wild animals	13
I01	Invasive alien species	13
K01	Abiotic natural processes	13
A08	Fertilisation in agriculture	7
B02	Forest and plantation management & use	7
J02	Changes in water bodies conditions	7
K02	Vegetation succession/Biocenotic evolution	7
K03	Interspecific faunal relations	7
K04	Interspecific floral relations	7

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Ten most frequently reported 'highly important' threats

Code	Activity	Frequency
F02	Fishing and harvesting aquatic resources	14
F03	Hunting and collection of terrestrial wild animals	14
I01	Invasive alien species	14
K01	Abiotic natural processes	14
B02	Forest and plantation management & use	7
J02	Changes in water bodies conditions	7
K02	Vegetation succession/Biocenotic evolution	7
K03	Interspecific faunal relations	7
K04	Interspecific floral relations	7
M02	Biotic changes (climate change)	7

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	CON	MED	PAN
DE		100		
FR	100	x		
HU				71
IT			x	
PL		100		

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	40
4.2	Restoring/improving the hydrological regime	20
6.1	Establish protected areas/sites	20
7.4	Specific single species or species group management measures	20

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=Caldesia+parnassifolia>

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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.