



Lindernia procumbens

Annex	IV
Priority	No
Species group	Vascular plants
Regions	Alpine, Atlantic, Black Sea, Continental, Pannonian, Steppic

Lindernia procumbens is a plant species belonging to figwort family. This species is found in the bottom of shallow ponds, and in summer dry banks of water reservoirs, oxbow lakes, rivers and streams. It occurs in seven biogeographical regions: Alpine, Atlantic, Black Sea, Continental, Mediterranean, Pannonian and Steppic. Data about population was not provided by all member states or was not reported in the same units. The IUCN Red List classifies the species as Least Concern (LC). This species is classed as Endangered (EN) in Austria (Niklfeld and Schratt-Ehrendorfer 1999) and Germany, as Vulnerable (VU) in France, Hungary and Italy, as Critically Endangered (CR) in Czech Republic, Slovakia, Romania and Poland. The species is protected throughout France, Czech Republic and Slovakia.

The conservation status is "Favourable" in the Black Sea, Pannonian and Steppic regions. "Unfavourable Bad" conservation status was assessed for Atlantic and Continental regions and "Unknown" for Alpine region. Trend decreasing in Continental, stable in Atlantic Black Sea, Pannonian and Steppic, and unknown in Alpine region.

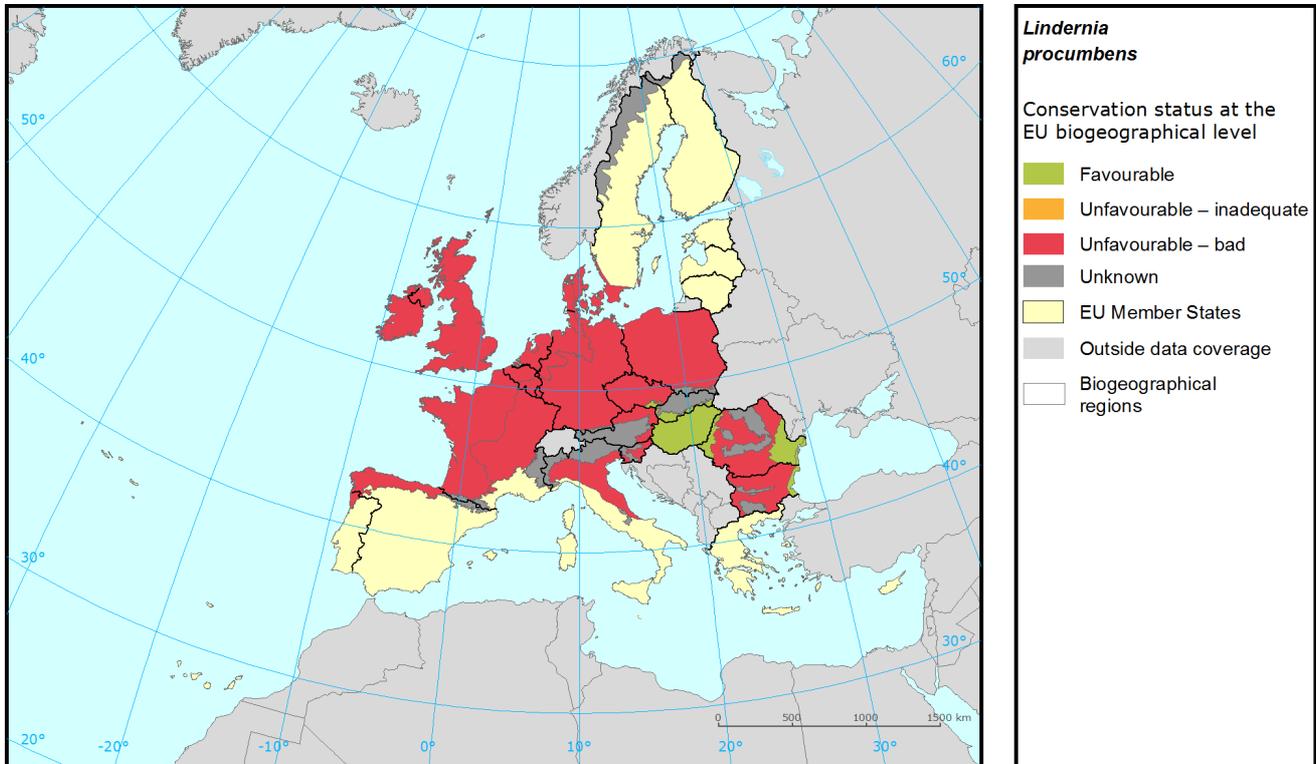
Major threats to this species are: invasion of non-native species, modification of cultivation practices, restructuring agricultural land holding, drying out, use of pesticides, fertilisation, water pollution and eutrophication.

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 Atlantic, Continental and Pannonian region. The species was not reported from Black Sea and Steppic region 2001-06.

Better data required from Austria and Italy.

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Assessment of conservation status at the European biogeographical level

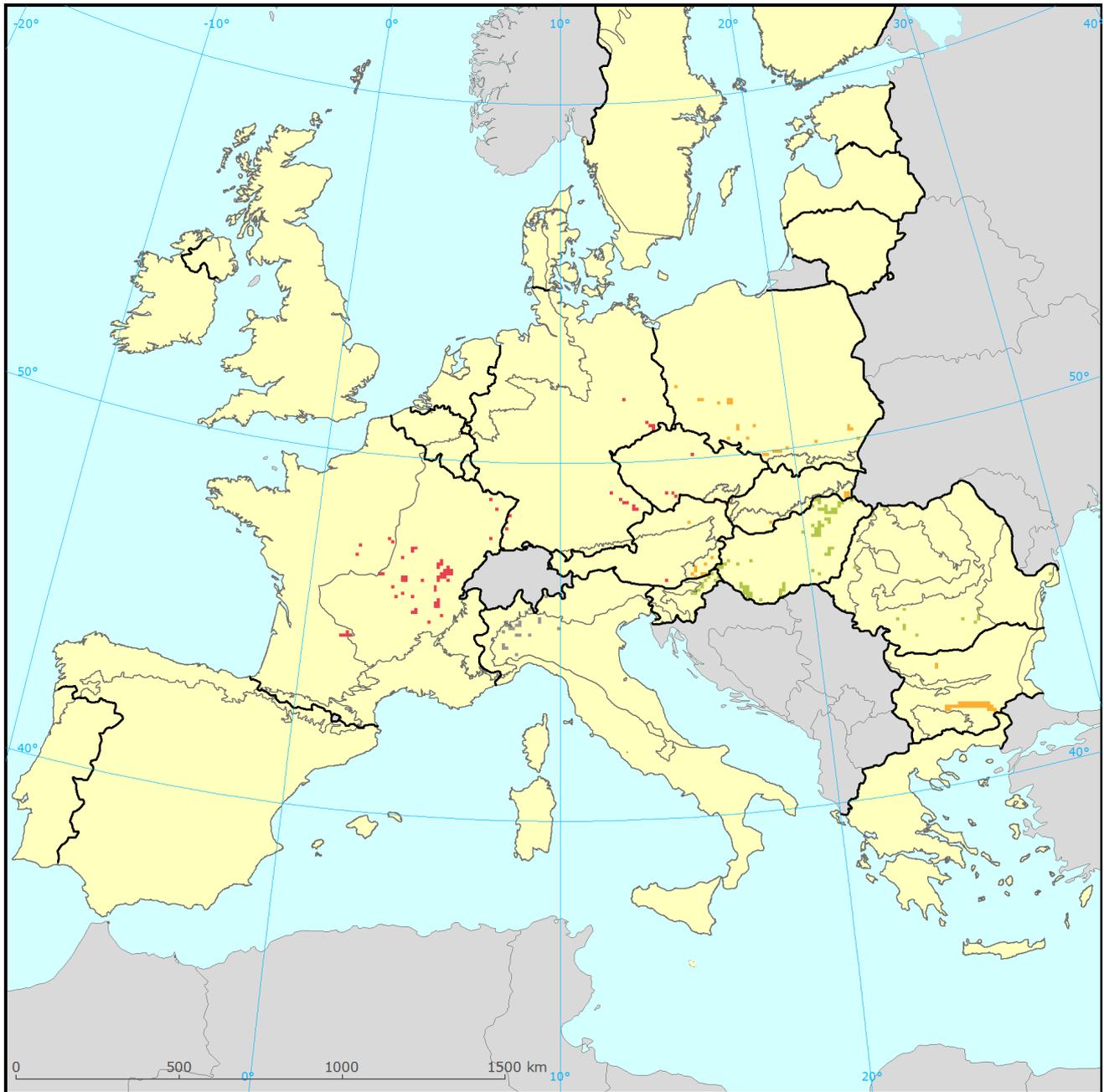


Region	Conservation status (CS) of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
	Range	Population	Habitat	Future prospects					
ALP	FV	XX	XX	XX	XX	x	2	U2	Not genuine
ATL	U1	U1	U2	U2	U2	=	3	U2	
BLS	FV	FV	FV	FV	FV			XX	Not genuine
CON	U2	U1	U2	U2	U2	-	65	U2	
PAN	FV	FV	FV	FV	FV	=	29	FV	
STE	FV	FV	FV	FV	FV		0.73	XX	Not genuine

See the endnote for more informationⁱ

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Assessment of conservation status at the Member State level



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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	U1	U2	XX	U2	U2	x	20.0	U2	
IT	ALP	FV	XX	XX	XX	XX		80.0	FV	Changed method
FR	ATL	U1	U1	U2	U2	U2	=	100.0	U2	
RO	BLS	FV	FV	FV	FV	FV		100.0		
AT	CON	U1	U1	U1	U1	U1	=	7.2	U1	
BG	CON	FV	U1	U1	U1	U1	-	19.4		
CZ	CON	U2	U2	U1	U1	U2	-	2.2	U2	
DE	CON	U2	U2	U2	U2	U2	=	7.8	U2	
FR	CON	U2	U1	U2	U2	U2	=	26.7	U2	
IT	CON	FV	XX	XX	XX	XX		10.0	FV	Changed method
PL	CON	FV	U1	U1	U1	U1	x	13.3	U1	Better data
RO	CON	FV	FV	FV	FV	FV		6.1		
SI	CON	FV	FV	FV	FV	FV		7.2	FV	
CZ	PAN	U2	U2	U2	U2	U2	-	1.3	U2	
HU	PAN	FV	FV	FV	FV	FV		89.9	FV	
RO	PAN	FV	FV	FV	FV	FV		2.5		
SK	PAN	FV	U1	U1	XX	U1	=	6.3	XX	Better data
RO	STE	FV	FV	FV	FV	FV		100.0		

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.

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Ten most frequently reported 'highly important' pressures

Code	Activity	Frequency
J02	Changes in water bodies conditions	39
I01	Invasive alien species	15
K02	Vegetation succession/Biocenotic evolution	12
H01	Pollution to surface waters	7
J03	Other changes to ecosystems	5
A08	Fertilisation in agriculture	2
A09	Irrigation in agriculture	2
D03	Shipping lanes and ports	2
F01	Marine and freshwater aquaculture	2
F02	Fishing and harvesting aquatic resources	2

Ten most frequently reported 'highly important' threats

Code	Activity	Frequency
J02	Changes in water bodies conditions	38
I01	Invasive alien species	13
K02	Vegetation succession/Biocenotic evolution	13
H01	Pollution to surface waters	8
J03	Other changes to ecosystems	5
A02	Modification of cultivation practices	3
A08	Fertilisation in agriculture	3
A09	Irrigation in agriculture	3
D03	Shipping lanes and ports	3
F01	Marine and freshwater aquaculture	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=Lindernia+procumbens>

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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.