



## Theodoxus prevostianus

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<b>Annex</b>	IV
<b>Priority</b>	No
<b>Species group</b>	Molluscs
<b>Regions</b>	Continental, Pannonian

An aquatic gastropod mollusc occurring in thermal calcareous springs. It is a species of lowlands and its distribution is restricted to the Pannonian Basin. The distribution of the species is localised across the entire range. It is linked to the specific fragmentally distributed type of the habitat, which is sensitive to the environmental changes.

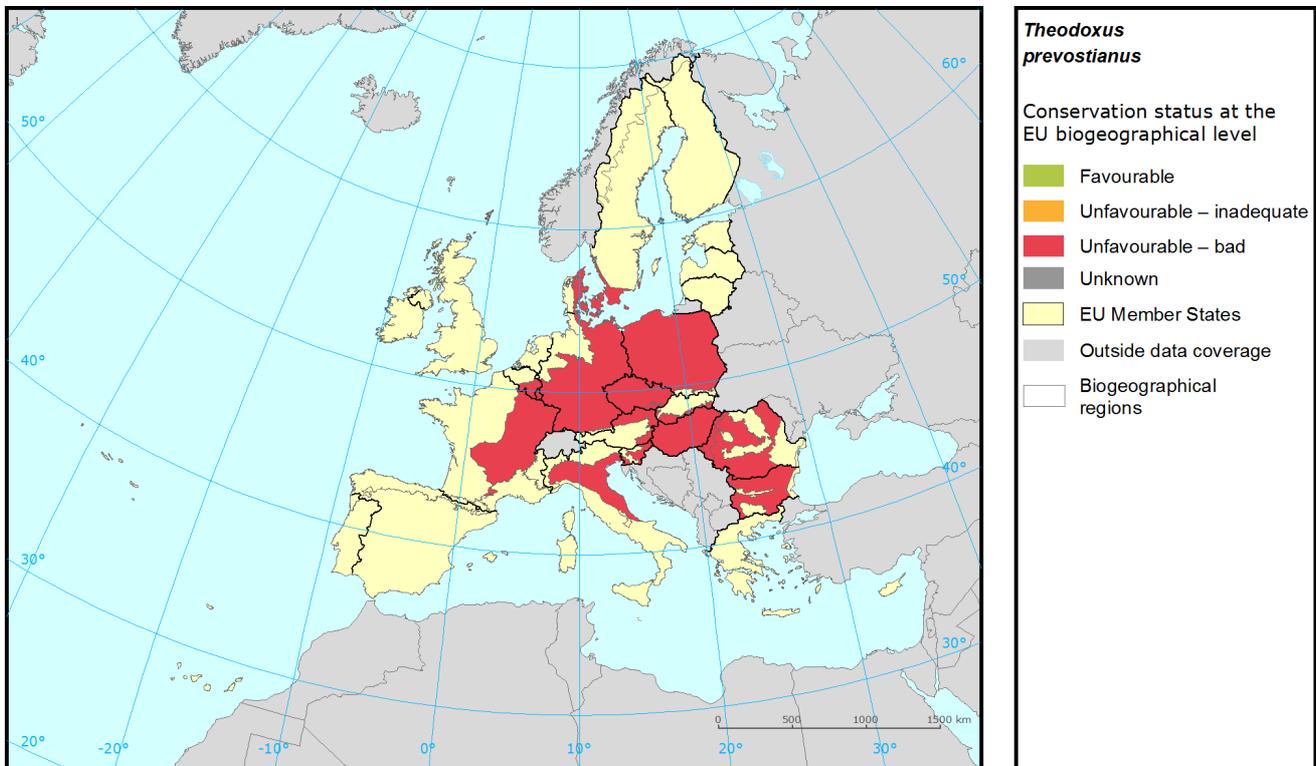
This species occurs only in Hungary in the Pannonian region (in one source and stream). It is assessed as unfavourable-bad as also in the previous reporting round. Threats and pressures of high importance are reported such as removal of sediments, reduction or loss of specific habitat features and pollution to surface waters. However, additional information from Hungary suggest that the population regeneration has started but this is not reflected in the population trend which is still reported as decreasing.

In the Continental region the conservation status is also unfavourable-bad and it was probably the same in 2007 as Slovenia indicates changes in the methods. Austria didn't report in 2007, but if its conclusion was the same (unfavourable-adequate), the 2007 EU assessment might have been unfavourable-bad if the proportions of the distribution stayed the same. The threats and pressures of high importance reported by Slovenia and Austria (water abstraction from ground and surface water and other human induced changes in hydrological conditions) support the assessed conservation status.

# Species: *Theodoxus prevostianus*

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	XX	U1	U1	U2	U2	x	90	U1	Not genuine
PAN	U2	U2	U2	U2	U2	x	10	U2	

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

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## Assessment of conservation status at the Member State level



### *Theodoxus prevostianus*

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.

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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	FV	U1	U1	U1	U1	=	22.2		
SI CON	XX	U1	U1	U2	U2	x	77.8	U1	Changed method
HU PAN	U2	U2	U2	U2	U2	x	100.0	U2	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
J02	Changes in water bodies conditions	60
H01	Pollution to surface waters	20
J03	Other changes to ecosystems	20

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

Code	Activity	Frequency
J02	Changes in water bodies conditions	60
H01	Pollution to surface waters	20
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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=Molluscs&period=3&subject=Theodoxus+prevostianus>

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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.