



## Triturus cristatus

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<b>Annex</b>	II, IV
<b>Priority</b>	No
<b>Species group</b>	Amphibians
<b>Regions</b>	Alpine, Atlantic, Boreal, Continental, Mediterranean, Pannonian

### *Triturus cristatus*

The northern crested newt is widely distributed from the United Kingdom and northern France, through southern Scandinavia, and central Europe, a small part of the Balkans and the southwestern part of west Siberia. According to IUCN Red List data, the species can be found in coniferous, mixed and deciduous forests, in forest steppe, bush lands, pastures, meadows, parks and gardens.

The conservation status continues to be unfavourable-inadequate in the Atlantic, Continental and Mediterranean biogeographical regions. The Alpine and Boreal regions maintain an unfavourable-bad conservation status, while the Pannonian region is unknown.

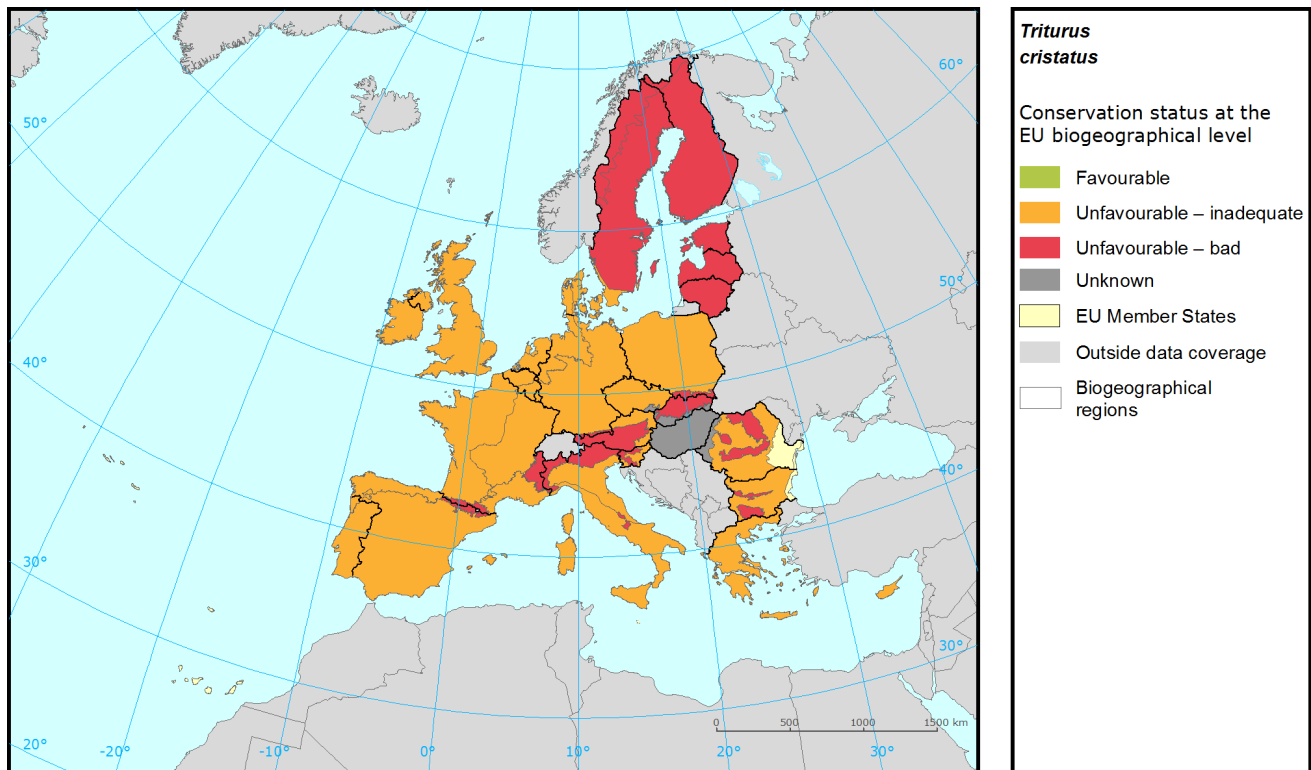
The IUCN Red list classifies the species as least concern due to its wide distribution, tolerance of habitat modifications and presumed large population

(<http://www.iucnredlist.org/details/22212/1> consulted on 04 March 2015). The main pressures and threats are anthropogenic reduction of habitat connectivity, loss of specific habitat features, infilling of ditches, dykes, ponds, pools, marshes or pits, intensive fish farming, reduction in migration and migration barriers as roads, paths and railroads, human induced changes in hydraulic conditions, invasive non-native species, use of biocides, hormones and chemicals, pollution to surface waters, drying out, abandonment of management of water bodies and predation, intensive fish farming and professional active fishing.

# Species: *Triturus cristatus*

Report under the Article 17 of the Habitats Directive

## Assessment of conservation status at the European biogeographical level



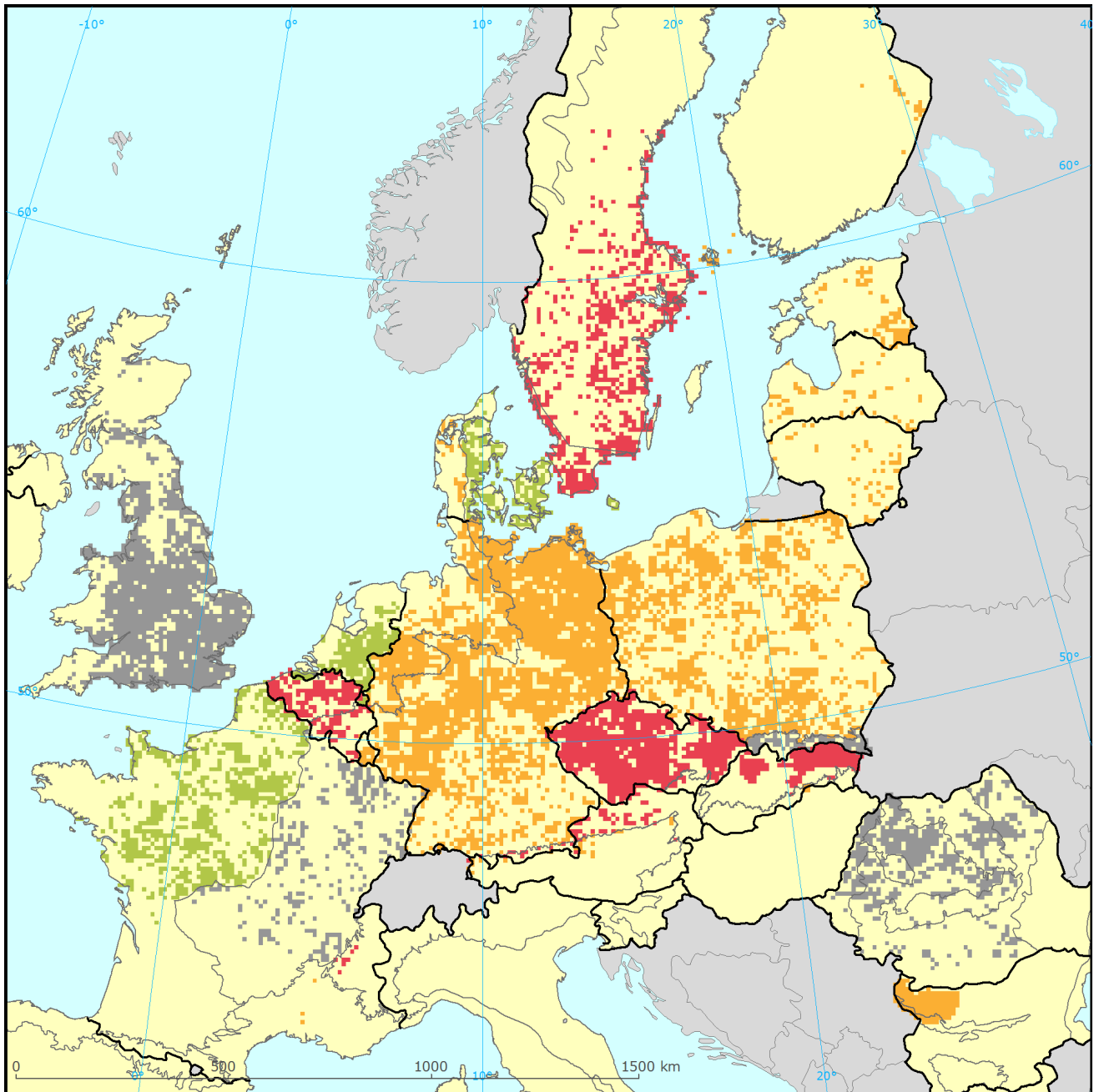
Region	Conservation status (CS) of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
	Range	Population	Habitat	Future prospects					
ALP	U2	U2	U2	U2	U2	-	5	U2	
ATL	U1	XX	XX	XX	U1	-	30	U1	
BOR	FV	U2	U1	U2	U2	-	9	U2	
CON	FV	XX	U1	U1	U1	-	56	U1	
MED	U1	FV	U1	XX	U1	x	0.04	U1	
PAN	XX	XX	XX	XX	XX	x	0.86	U1	Not genuine

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

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## Assessment of conservation status at the Member State level



### *Triturus cristatus*

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: *Triturus cristatus*

Report under the Article 17 of the Habitats Directive

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	U1	U1	U1	U1	x	5.6	U2	Better data
BG	ALP	FV	FV	FV	U1	U1	-	4.0		
DE	ALP	U1	U1	U1	U2	U2	-	3.2	U2	Genuine
FR	ALP	U1	U1	XX	U2	U2	=	1.9	U2	
PL	ALP	FV	XX	XX	XX	XX		19.4	U1	Changed method
RO	ALP	XX	XX	XX	XX	XX		28.0		
SK	ALP	U2	U2	U2	U2	U2	-	37.9	U2-	
BE	ATL	FV	U2	U2	U2	U2	-	5.1	U2	Genuine
DE	ATL	U1	FV	U1	U1	U1	-	14.3	U1	Changed method
DK	ATL	U1	U1	U1	U1	U1	x	1.1	XX	Better data
FR	ATL	XX	FV	FV	FV	FV		26.2	U1	Changed method
NL	ATL	FV	FV	FV	FV	FV		6.5	U1	Genuine
UK	ATL	FV	XX	XX	XX	XX		46.8	U1	Changed method
EE	BOR	U1	U1	U1	FV	U1	+	9.0	U1+	
FI	BOR	FV	FV	U1	XX	U1	x	4.2	U1	
LT	BOR	FV	U1	U1	U1	U1	=	6.9	U2	Better data
LV	BOR	U1	U1	U1	U1	U1	-	7.5	U1	
SE	BOR	FV	U2	U1	U2	U2	-	72.5	U2-	
AT	CON	U1	U1	U1	U2	U2	=	1.0	U2	
BE	CON	FV	U2	U1	U2	U2	-	0.9	U2	
BG	CON	FV	FV	FV	U1	U1	-	2.1		
CZ	CON	FV	U1	U2	U2	U2	-	12.8	U1-	Genuine
DE	CON	FV	U1	U1	U1	U1	=	37.9	U1	
DK	CON	FV	FV	FV	FV	FV		4.2	FV	
FR	CON	XX	FV	FV	XX	XX		6.2	U2	Changed method
LU	CON	U1	FV	U1	U1	U1	-	0.4	FV	Changed method
PL	CON	FV	XX	U1	U1	U1	x	23.7	U1	
RO	CON	XX	XX	XX	XX	XX		8.1		
SE	CON	FV	U2	U1	U2	U2	-	2.7	U2-	
FR	MED	U1	FV	U1	XX	U1	x	100.0	U1	
CZ	PAN	FV	U1	U2	U2	U2	x	11.3	U1-	Genuine
HU	PAN	U1	U1	U1	U1	U1	=	5.6	U1-	Better data
RO	PAN	XX	XX	XX	XX	XX		83.1		

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Report under the Article 17 of the Habitats Directive

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	16
J03	Other changes to ecosystems	13
A02	Modification of cultivation practices	9
D01	Roads, railroads and paths	9
F01	Marine and freshwater aquaculture	9
H01	Pollution to surface waters	9
I01	Invasive alien species	9
K01	Abiotic natural processes	6
A01	Agricultural cultivation	3
A08	Fertilisation in agriculture	3

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

Code	Activity	Frequency
J02	Changes in water bodies conditions	19
J03	Other changes to ecosystems	12
D01	Roads, railroads and paths	10
I01	Invasive alien species	9
F01	Marine and freshwater aquaculture	8
A02	Modification of cultivation practices	6
H01	Pollution to surface waters	5
A07	Use of 'pesticides' in agriculture	4
A08	Fertilisation in agriculture	4
K01	Abiotic natural processes	4

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Report under the Article 17 of the Habitats Directive

## 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	ATL	BOR	CON	MED	PAN
AT	22			12		
BE		37		54		
BG	x			x		
CZ				3		45
DE	67	32		47		
DK		10		19		
EE			59			
FI			30			
FR	3	x		x	x	
HU						100
LT			100			
LU				29		
LV			38			
NL		40				
PL	21			20		
RO	100			100		100
SE			12	29		
SK	20					
UK		2				

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

# Species: *Triturus cristatus*

Report under the Article 17 of the Habitats Directive

## 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
6.3	Legal protection of habitats and species	20
6.1	Establish protected areas/sites	16
4.2	Restoring/improving the hydrological regime	13
4.1	Restoring/improving water quality	6
6.4	Manage landscape features	6
7.4	Specific single species or species group management measures	6
4.0	Other wetland-related measures	5
8.2	Specific management of traffic and energy transport systems	5
2.1	Maintaining grasslands and other open habitats	3
3.1	Restoring/improving forest habitats	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=Amphibians&period=3&subject=Triturus+cristatus>

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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.