



Bufo calamita

Annex	IV
Priority	No
Species group	Amphibians
Regions	Alpine, Atlantic, Boreal, Continental, Mediterranean

Bufo calamita

The natterjack toad is found in southern, western and northern Europe, with isolate populations in southwestern Ireland and scattered parts of the UK. According to IUCN Red List data, it is noted as a pioneering species and rapidly colonises new ponds. This species is generally found in open and unshaded light sandy soils of coastal dunes, lowland heaths, semi-desert, high mountains, pine forest glades, gardens, parks, agricultural fields, sand and gravel quarries and meadows.

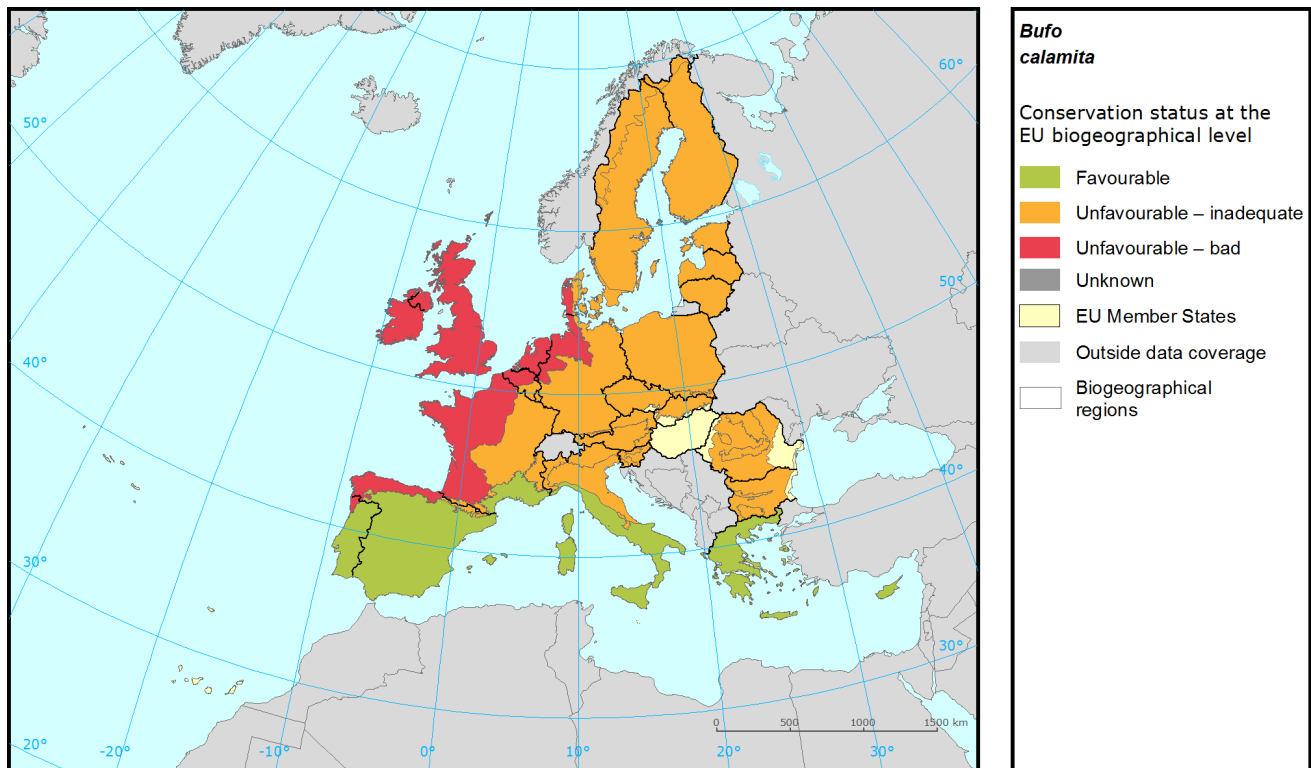
The toad is found in 5 biogeographical regions. Its conservation status is assessed as 'favourable' in the Mediterranean region, 'unfavourable-bad' in the Atlantic region and 'unfavourable-inadequate' in the Alpine, Boreal and Continental regions. Changes in conservation status from the previous reporting period reported by Member States were largely non-genuine.

The IUCN Red list classifies the species as least concern due to its wide distribution, presumed large population and low level of threat (<http://www.iucnredlist.org/details/54598/1> consulted on 02 March 2015). The main high ranked pressures and threats are human induced changes in hydraulic conditions, the reduction or loss of specific habitat features, biocenotic evolution, urbanized, industrial and commercial areas, roads and motorways, and pollution to surface waters.

Species: *Bufo calamita*

Report under the Article 17 of the Habitats Directive

Assessment of conservation status at the European biogeographical level



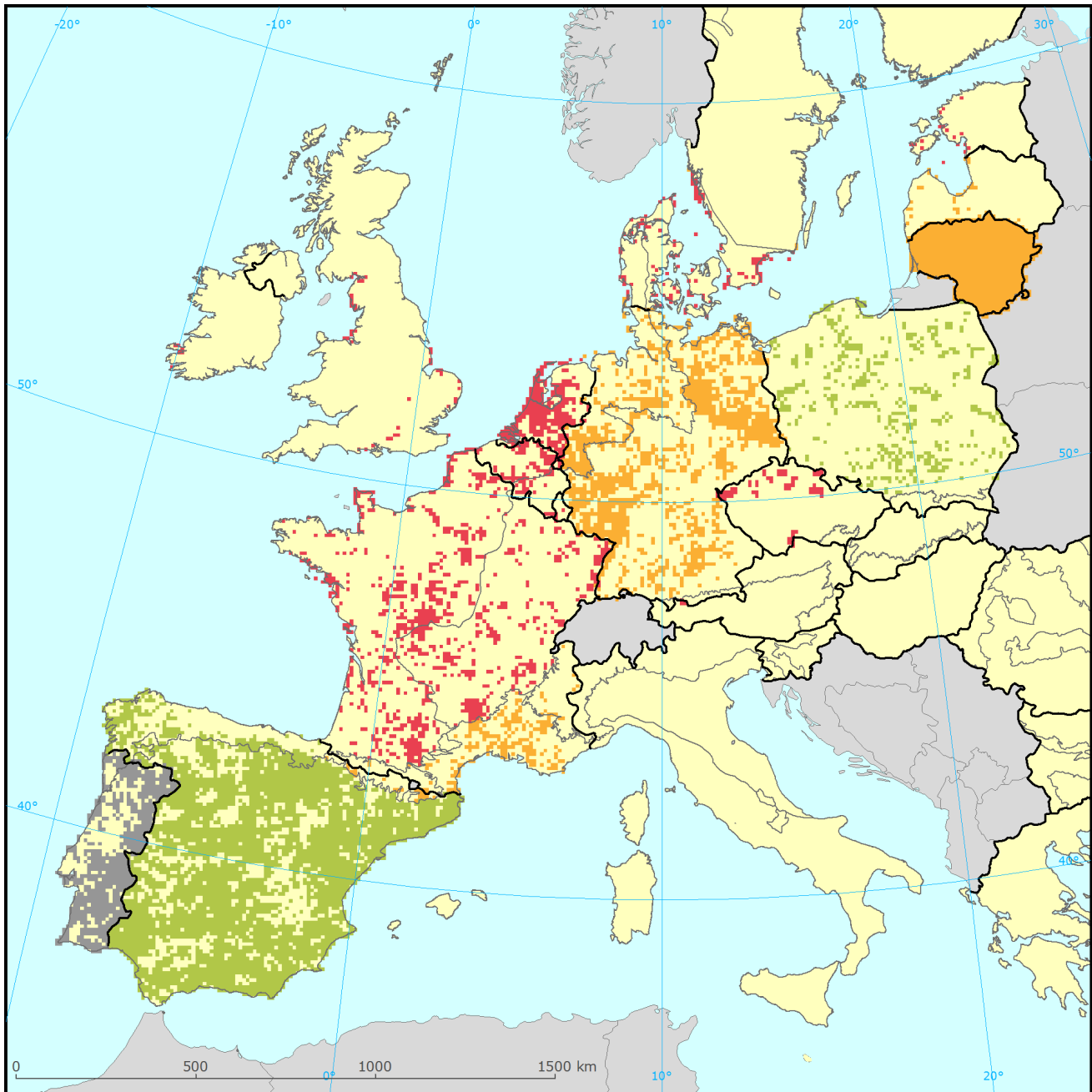
Region	Conservation status (CS) of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
	Range	Population	Habitat	Future prospects					
ALP	XX	U1	XX	XX	U1	+	0.52	U2	Not genuine
ATL	U1	U2	U2	U2	U2	-	17	U2	
BOR	FV	U1	U1	U1	U1	=	9	U1	
CON	U1	U1	U1	U1	U1	=	25	U2	Not genuine
MED	FV	FV	FV	FV	FV	=	49	XX	Not genuine

See the endnote for more informationⁱ

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Assessment of conservation status at the Member State level



Bufo calamita

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	U2	U2	U2	U2	x	7.0	U2		
ES	ALP	XX	U1	U1	FV	+	53.5	XX	Changed method	
FR	ALP	FV	U1	XX	XX	x	39.5	U2	Better data	
BE	ATL	FV	U2	U1	U2	-	4.3	FV	Genuine	
DE	ATL	U1	U1	U1	U1	-	17.4	U1	Genuine	
DK	ATL	U2	U2	U2	U2	x	1.4	U2-	Better data	
ES	ATL	FV	XX	FV	FV		15.3	XX	Changed method	
FR	ATL	U1	U1	U2	U2	x	38.8	U2		
IE	ATL	U2	U2	U1	U1	+	0.4	U2	Genuine	
NL	ATL	FV	U2	U2	U2	-	17.1	U2	Genuine	
PT	ATL	FV	XX	FV	XX		2.4	U1	Changed method	
UK	ATL	FV	U2	FV	U1	+	2.9	U2+		
EE	BOR	U1	U2	U1	U1	=	2.2	U1	Genuine	
LT	BOR	FV	U1	U1	U1	=	93.5	U1		
LV	BOR	FV	U1	U1	U1	-	3.9	U1		
SE	BOR	FV	U1	FV	U1	=	0.4	U2-	Better data	
AT	CON	U2	U2	U2	U2	-		U2	Genuine	
BE	CON	FV	U2	U1	U2	-	1.1	U2		
CZ	CON	U1	U2	U2	U2	-	3.2	U2	Genuine	
DE	CON	U1	U1	U1	U1	=	52.5	U2	Better data	
DK	CON	U2	U2	U2	U2	x	2.5	U2-	Better data	
FR	CON	XX	U1	U2	U2	=	14.5	U2		
LU	CON	U1	U2	U1	U1	x	0.1	U2		
PL	CON	FV	FV	FV	FV		23.6	XX	Changed method	
SE	CON	FV	U2	U1	U2	=	2.5	U2-	Better data	
ES	MED	FV	FV	FV	FV		80.9	XX	Changed method	
FR	MED	FV	FV	FV	U1	=	4.3	U1		
PT	MED	FV	XX	FV	XX		14.8	U1	Changed method	

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	17
K02	Vegetation succession/Biocenotic evolution	11
A02	Modification of cultivation practices	9
D01	Roads, railroads and paths	9
J03	Other changes to ecosystems	9
C01	Mining and quarrying	7
A03	Mowing or cutting grasslands	4
A04	Grazing by livestock	4
E01	Urbanisation and human habitation	4
E02	Industrial or commercial areas	4

Ten most frequently reported 'highly important' threats

Code	Activity	Frequency
J02	Changes in water bodies conditions	20
J03	Other changes to ecosystems	9
A02	Modification of cultivation practices	7
A04	Grazing by livestock	7
C01	Mining and quarrying	7
D01	Roads, railroads and paths	7
K01	Abiotic natural processes	7
B01	Afforestation	6
E01	Urbanisation and human habitation	6
K02	Vegetation succession/Biocenotic evolution	6

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=Bufo+calamita>

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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.