



Rana esculenta

Annex	V
Priority	No
Species group	Amphibians
Regions	Alpine, Atlantic, Black Sea, Boreal, Continental, Mediterranean, Pannonian, Steppic

The Edible Frog (*Rana esculenta*), is widely spread across western, central and eastern Europe, but largely absent from Scandinavia. According to the IUCN Red List the species is associated with wetlands such as ponds, channels, ditches, rivers and streams, and its population is largely stable in eastern Europe, declining in parts of western Europe.

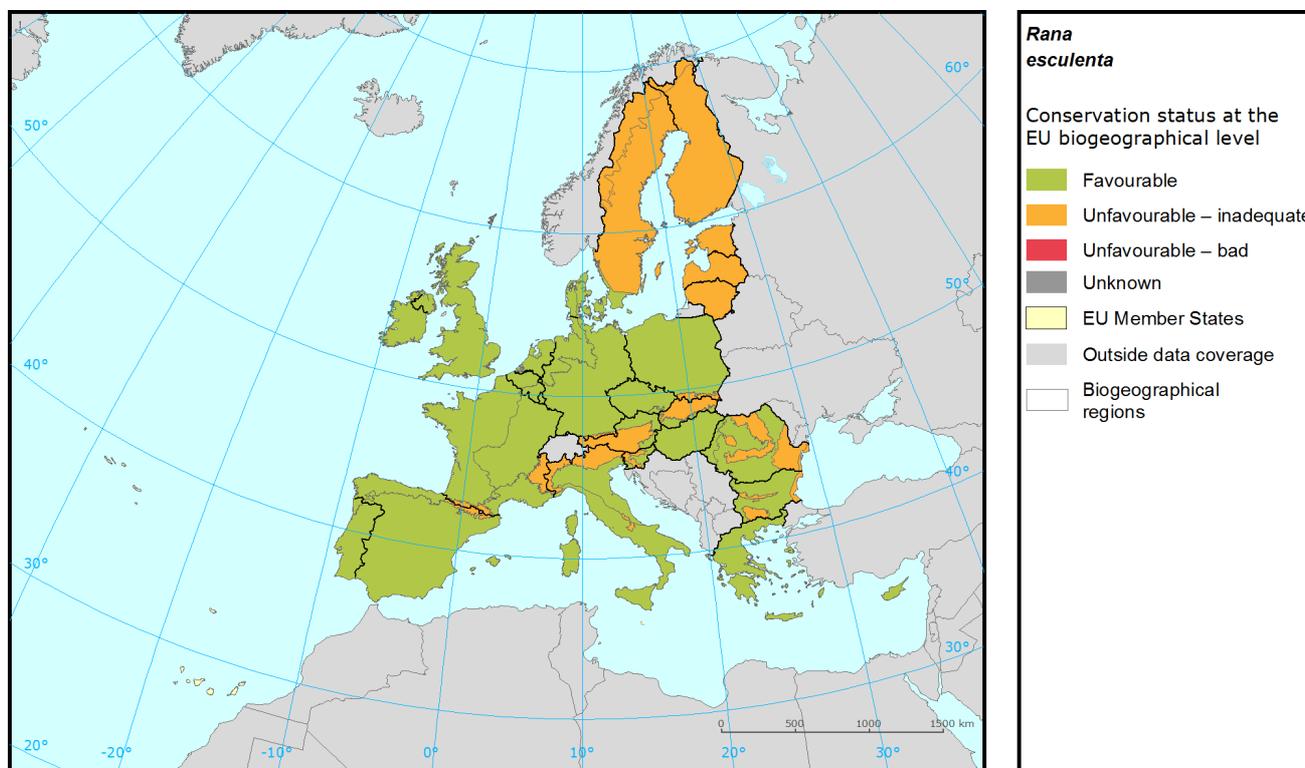
The species is reported for eight of nine terrestrial biogeographical regions. The conservation status of half of the regions is assessed as 'favourable' (Atlantic, Continental, Mediterranean and Pannonian), whereas it is assessed as 'unfavourable-inadequate' for the other half (Alpine, Black Sea, Boreal, Steppic). While there were some changes in the conservation status for various Member State reports and the biogeographical regions, it was largely non-genuine. Frequently reported pressures and threats include use of biocides, hormones and chemicals, roads and motorways, pollution to surface waters, agricultural intensification, invasive non-native species, infilling of water bodies, fertilization, drying out and urbanization.

The IUCN Red List classifies the species as least concern due to its wide distribution, tolerance for a broad range of habitats and presumed large population (<http://www.iucnredlist.org/details/58594/1> consulted on 4 March 2015).

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Assessment of conservation status at the European biogeographical level



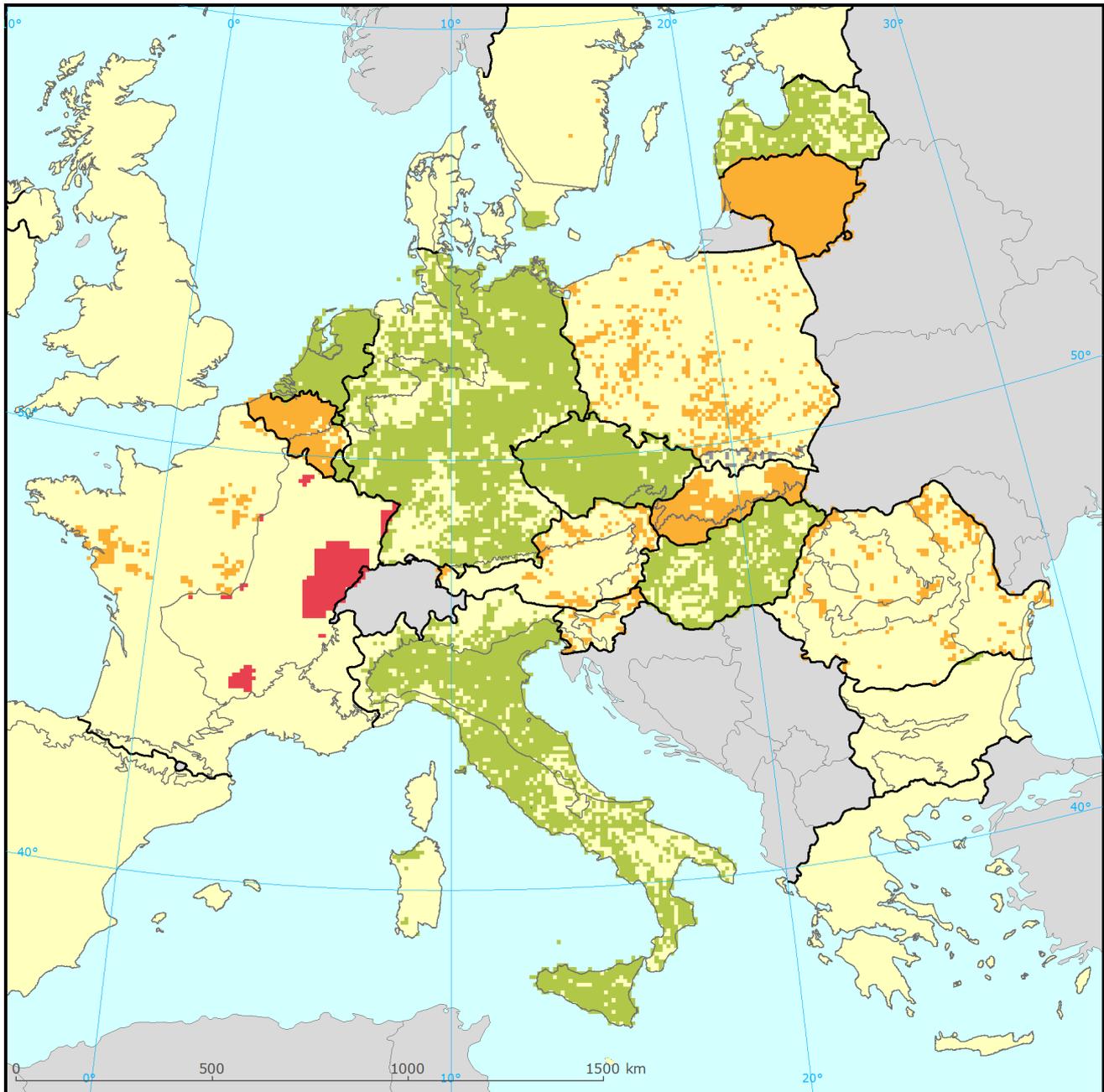
Region	Conservation status (CS) of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
	Range	Population	Habitat	Future prospects					
ALP	FV	XX	U1	XX	U1	=	5	U1	
ATL	FV	FV	FV	FV	FV		12	U1	Not genuine
BLS	FV	FV	FV	U1	U1	x	0.1	U1	
BOR	FV	U1	U1	U1	U1	=	12	FV	Not genuine
CON	FV	FV	FV	FV	FV		50	U1	Not genuine
MED	FV	FV	FV	FV	FV	=	11	FV	
PAN	FV	FV	FV	FV	FV		9	U1	Not genuine
STE	FV	U1	FV	U1	U1	x	0.44	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



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	U1	U1	U1	x	11.8	U1		
DE	ALP	FV	FV	FV	FV		3.5	FV		
IT	ALP	FV	FV	FV	FV		31.3	FV		
PL	ALP	FV	XX	XX	XX		5.2	XX		
RO	ALP	FV	FV	FV	U1	-	3.5			
SI	ALP	FV	XX	U1	XX	x	2.1	U1		
SK	ALP	FV	XX	U1	XX	=	42.7	U1		
BE	ATL	FV	FV	FV	U1	x	16.6	FV	Better data	
DE	ATL	FV	FV	FV	FV		34.3	FV		
DK	ATL	XX	XX	XX	XX			U2	Changed method	
FR	ATL	XX	U1	U1	U1	=	14.5	U2	Better data	
NL	ATL	FV	FV	FV	FV		34.6	FV		
BG	BLS	XX	XX	XX	XX					
RO	BLS	FV	FV	FV	U1		100.0			
LT	BOR	FV	U1	U1	U1	=	61.9	FV	Better data	
LV	BOR	FV	FV	FV	FV		37.9	FV		
SE	BOR	FV	FV	U1	U1	=	0.2			
AT	CON	U1	U1	U1	U1	-	1.7	U1	Genuine	
BE	CON	XX	XX	U1	XX	-	2.2	FV		
BG	CON	FV	FV	FV	FV		0.2			
CZ	CON	FV	FV	FV	FV		14.6	U1	Better data	
DE	CON	FV	FV	FV	FV		43.4	FV		
DK	CON	XX	XX	XX	XX			U2	Changed method	
FR	CON	U1	U1	U1	U2	=	6.1	U1	Better data	
IT	CON	FV	FV	FV	FV		15.9	FV		
LU	CON	FV	FV	FV	FV		0.5	FV		
PL	CON	FV	FV	U1	FV	=	10.0	U1		
RO	CON	FV	FV	FV	U1	-	3.8			
SE	CON	FV	FV	FV	FV		0.7	FV		
SI	CON	FV	XX	U1	XX	x	0.9	U1		
FR	MED	XX	XX	XX	XX			U2	Better data	
IT	MED	FV	FV	FV	FV		100.0	FV		
CZ	PAN	FV	FV	FV	FV		3.5	U1	Better data	
HU	PAN	FV	FV	FV	FV		75.8	U1	Better data	

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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					
RO	PAN	U1	U1	U1	U1	x	3.4			
SK	PAN	FV	U1	U1	U1	-	17.2	U1-		
RO	STE	FV	U1	FV	U1	x	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.

Ten most frequently reported 'highly important' pressures

Code	Activity	Frequency
I01	Invasive alien species	16
J02	Changes in water bodies conditions	12
E01	Urbanisation and human habitation	9
F01	Marine and freshwater aquaculture	9
A02	Modification of cultivation practices	7
A07	Use of 'pesticides' in agriculture	7
H01	Pollution to surface waters	7
K01	Abiotic natural processes	7
K03	Interspecific faunal relations	7
D01	Roads, railroads and paths	5

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Ten most frequently reported 'highly important' threats

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F01	Marine and freshwater aquaculture	10
E01	Urbanisation and human habitation	8
A07	Use of 'pesticides' in agriculture	7
H01	Pollution to surface waters	7
K03	Interspecific faunal relations	7
A02	Modification of cultivation practices	5
D01	Roads, railroads and paths	5
K01	Abiotic natural processes	5

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=Rana+esculenta>

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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.