



## Plecotus auritus

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<b>Annex</b>	IV
<b>Priority</b>	No
<b>Species group</b>	Mammals
<b>Regions</b>	Alpine, Atlantic, Black Sea, Boreal, Continental, Mediterranean, Pannonian, Steppic

Bat *Plecotus auritus* is endemic to Europe, where it is widely distributed. It forages in the vicinity of the roost in woodlands, along hedgerows and in isolated trees in parks and gardens. In summer it roosts in colonies in buildings, tree holes, and bat boxes. Solitary animals also roost in underground sites. In winter it hibernates in caves, mines, buildings and occasionally trees.

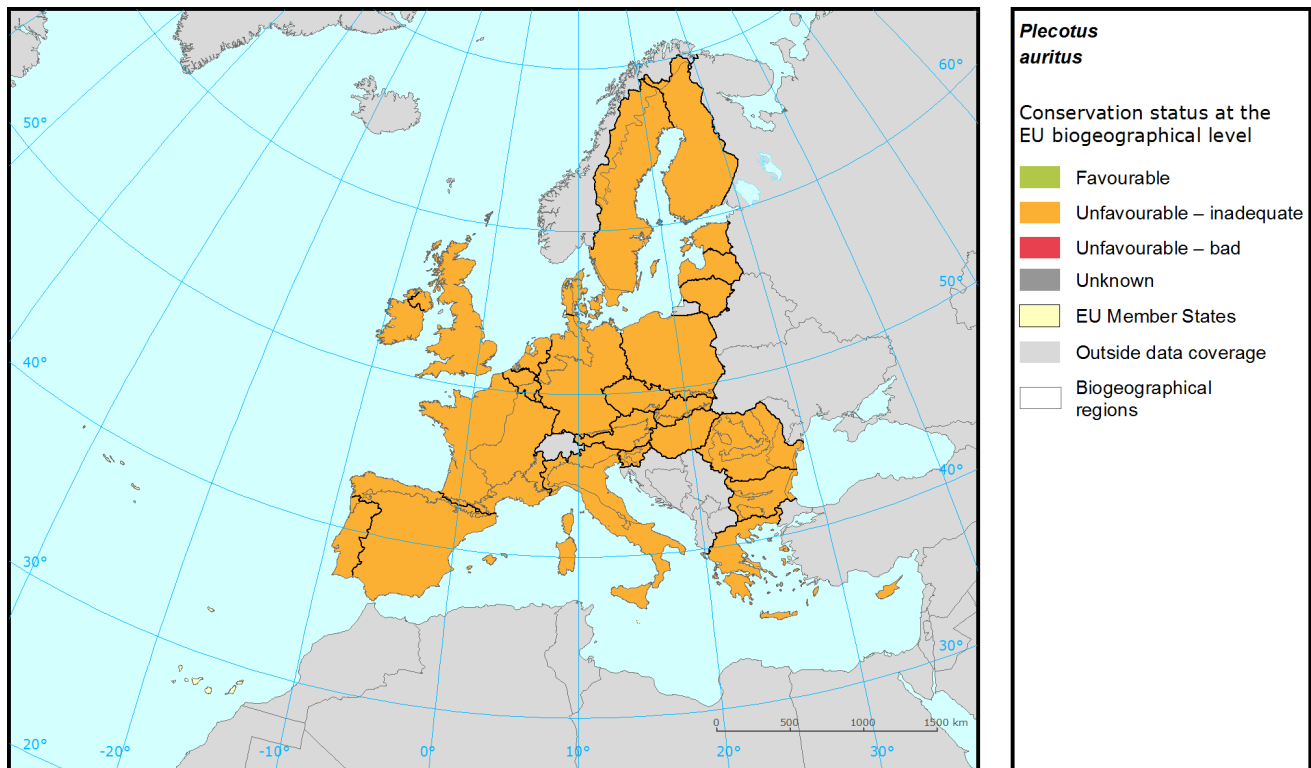
The conservation status is favourable unfavourable-inadequate in all biogeographical regions what is a big change against the previous assessment when 5 countries assessed the conservation status as unknown. On the country level, favourable assessments dominate - 24 out of 47 assessments concluded "favourable".

The species is threatened mostly by reconstruction, renovation of buildings, removal of dead and dying trees, closures of caves or galleries, demolition of buildings & human structures, forest and plantation management & use, forestry clearance, synthetic compound contamination, wind energy production, vandalism.

# Species: *Plecotus auritus*

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## Assessment of conservation status at the European biogeographical level



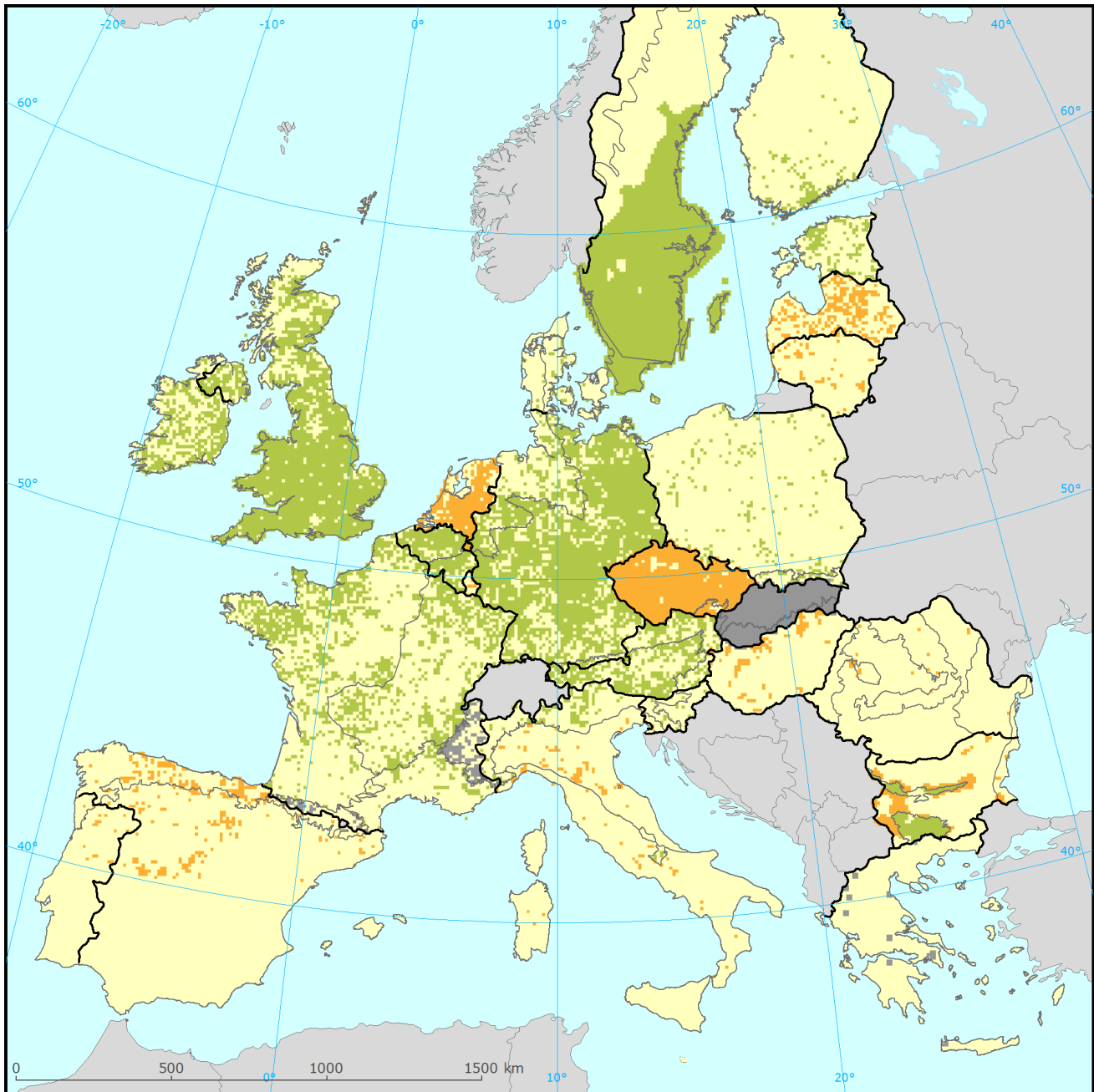
Region	Conservation status (CS) of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
	Range	Population	Habitat	Future prospects					
ALP	U1	U1	XX	XX	U1	=	9	XX	Not genuine
ATL	U1	FV	FV	U1	U1	=	30	XX	Not genuine
BLS	U1	U1	U1	U1	U1	-	0.09	XX	Not genuine
BOR	FV	U1	FV	FV	U1	=	21	FV	Genuine
CON	U1	FV	FV	XX	U1	=	35	U1	
MED	U1	XX	U1	XX	U1	x	2	XX	Not genuine
PAN	U1	U1	U1	U1	U1	-	2	U1	
STE	U1	U1	U1	U1	U1	x	0.01	XX	Not genuine

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

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## Assessment of conservation status at the Member State level



### *Plecotus auritus*

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	FV	FV	FV	FV		25.6	FV		
BG	ALP	FV	FV	FV	FV		12.8			
DE	ALP	FV	XX	FV	FV		1.7	FV		
ES	ALP	U1	FV	XX	FV	U1	=	0.8	XX	Changed method
FR	ALP	FV	FV	XX	XX	XX		13.6	XX	
IT	ALP	FV	FV	FV	FV	FV		9.1	U1	Better data
PL	ALP	FV	FV	FV	FV	FV		1.9	FV	
RO	ALP	U1	U1	U1	U1	U1	=	0.8		
SI	ALP	FV	XX	FV	FV	FV		1.1	XX	Better data
SK	ALP	FV	XX	XX	XX	XX		32.6	XX	
BE	ATL	FV	FV	XX	FV	FV		3.9	FV	
DE	ATL	FV	FV	FV	FV	FV		7.3	FV	
DK	ATL	FV	FV	FV	FV	FV		0.1	FV	
ES	ATL	U1	XX	U1	XX	U1	x	3.0	XX	Changed method
FR	ATL	FV	FV	FV	XX	FV		20.4	XX	Better data
IE	ATL	FV	FV	FV	FV	FV		8.7	FV	
NL	ATL	FV	FV	U1	U1	U1	+	6.8	FV	Changed method
PT	ATL	U1	XX	XX	XX	U1	x	0.1	XX	Changed method
UK	ATL	FV	FV	FV	FV	FV		49.6	FV	
BG	BLS	U1	U1	U1	U1	U1	-	100.0		
EE	BOR	FV	FV	XX	FV	FV		5.0	FV	
FI	BOR	FV	XX	FV	FV	FV		4.7	FV	
LT	BOR	FV	U1	FV	FV	U1	=	2.0	FV	No data
LV	BOR	FV	U1	U1	XX	U1	-	8.8	FV	Genuine
SE	BOR	FV	FV	FV	FV	FV		79.4	FV	
AT	CON	FV	FV	FV	FV	FV		3.0	FV	
BE	CON	FV	FV	XX	FV	FV		1.9	FV	
BG	CON	FV	U1	U1	U1	U1	-	3.7		
CZ	CON	FV	U1	FV	XX	U1	=	17.2	U2	Changed method
DE	CON	FV	FV	FV	FV	FV		48.8	FV	
DK	CON	FV	FV	FV	FV	FV		0.9	FV	
FR	CON	FV	FV	FV	XX	FV		13.3	XX	Better data
IT	CON	FV	FV	U1	U1	U1	-	1.4	U1	No data
LU	CON	FV	XX	U1	XX	U1	x	0.2	U1	

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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					
PL	CON	FV	FV	FV	FV		3.8	FV		
RO	CON	U1	U1	U1	U1	x	0.3			
SE	CON	FV	FV	FV	FV		5.2	FV		
SI	CON	FV	XX	FV	FV		0.2	XX	Better data	
ES	MED	U1	XX	U1	XX	x	47.8	XX	Changed method	
FR	MED	FV	FV	FV	XX		30.1	XX	Better data	
GR	MED	XX	XX	XX	XX		3.7	XX		
IT	MED	FV	FV	U1	U1	-	13.4	U1	No data	
PT	MED	U1	XX	XX	XX	x	5.0	XX	Changed method	
CZ	PAN	FV	U1	FV	XX	=	8.6	U2	Changed method	
HU	PAN	U1	U1	U1	U1	-	33.0	U1-		
SK	PAN	FV	XX	XX	XX		58.4	XX		
RO	STE	U1	U1	U1	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.

# Species: *Plecotus auritus*

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## Ten most frequently reported 'highly important' pressures

Code	Activity	Frequency
B02	Forest and plantation management & use	28
E06	Other urban/industrial developments	18
A07	Use of 'pesticides' in agriculture	14
A10	Restructuring agricultural parcels	8
B03	Forest exploitation	8
G05	Other human intrusions and disturbances	8
J03	Other changes to ecosystems	6
H01	Pollution to surface waters	3
J02	Changes in water bodies conditions	3
B07	Other forestry activities	2

## Ten most frequently reported 'highly important' threats

Code	Activity	Frequency
B02	Forest and plantation management & use	25
E06	Other urban/industrial developments	14
G05	Other human intrusions and disturbances	13
A07	Use of 'pesticides' in agriculture	11
A10	Restructuring agricultural parcels	6
B03	Forest exploitation	6
J03	Other changes to ecosystems	6
B04	Use of 'pesticides' (forestry)	3
C03	Production of renewable energy (abiotic)	3
H01	Pollution to surface waters	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=Mammals&period=3&subject=Plecotus+auritus>

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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.