



Myotis dasycneme

Annex	II, IV
Priority	No
Species group	Mammals
Regions	Alpine, Atlantic, Boreal, Continental, Pannonian

Myotis dasycneme

The pond bat is widely spread across Europe, its distribution ranging from north-west Europe to the Baltic states, and from southern Scandinavia to Romania. According to the IUCN Red List data, this species is also found outside of the EU in the Balkan countries, Ukraine, Russia, Kazakhstan, as well as a few records from China. This migrant, hibernating species is specialized in feeding above water courses and water bodies and is thus principally found over open calm water, such as canals, rivers and lakes.

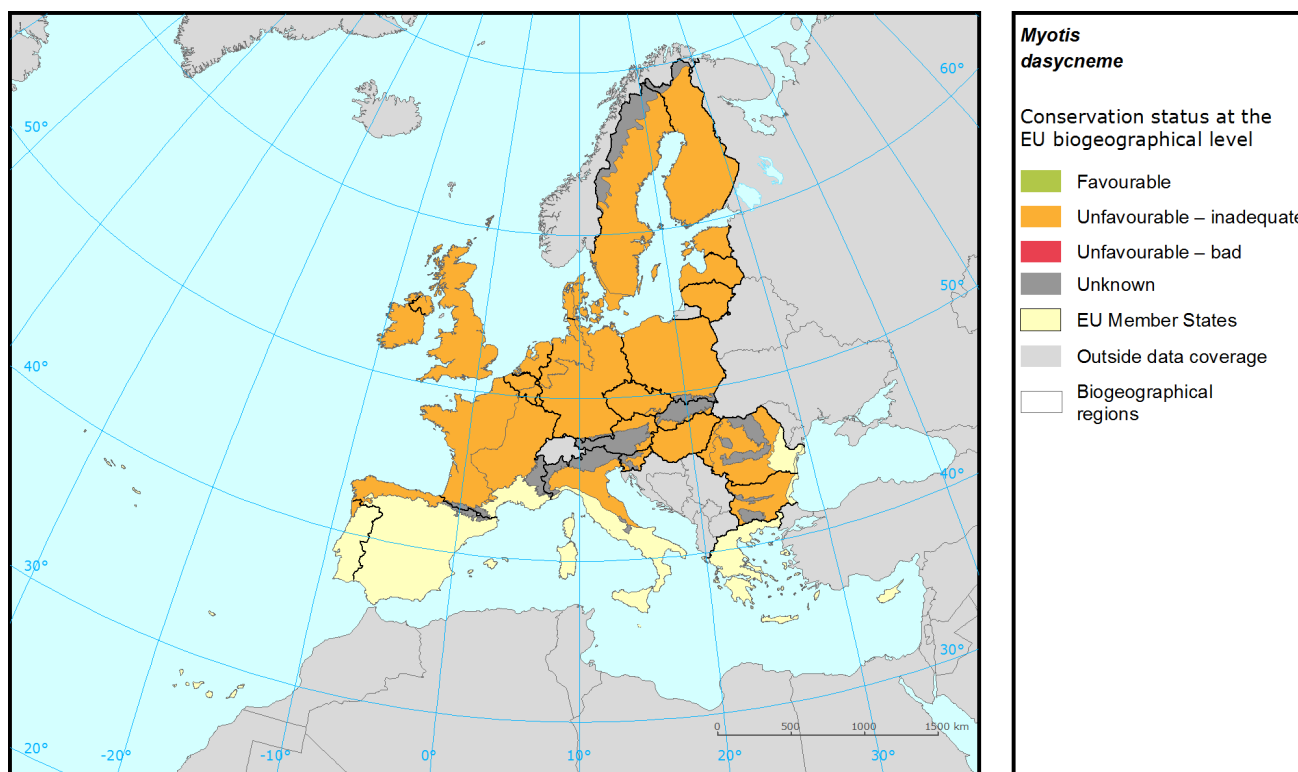
The pond bat was reported for 5 biogeographical regions (Alpine, Atlantic, Boreal, Continental and Pannonean). The overall conservation status assessment of each of these regions was 'unfavourable-inadequate,' with the exception of Alpine, which is assessed as unknown. There was no change in conservation status from the previous reporting with the exception of the Atlantic region, which went from 'unknown' to 'unfavourable-inadequate'. Variance between Member States was larger with Denmark and the Netherlands reporting a 'favourable' conservation status assessment, Belgium, France and Sweden reporting 'unfavourable-bad' assessments and several reported as 'unknown'. The most commonly high ranked pressures and threats reported by Member States were use of biocides, hormones and chemicals, followed by recreational cave visits, building renovations, human disturbances and light pollution.

The IUCN Red list classifies the species as near threatened due to the degradation of aquatic habitats and rapid declines in the past (<http://www.iucnredlist.org/details/14127/1> consulted on 24 February 2015).

Species: *Myotis dasycneme*

Report under the Article 17 of the Habitats Directive

Assessment of conservation status at the European biogeographical level

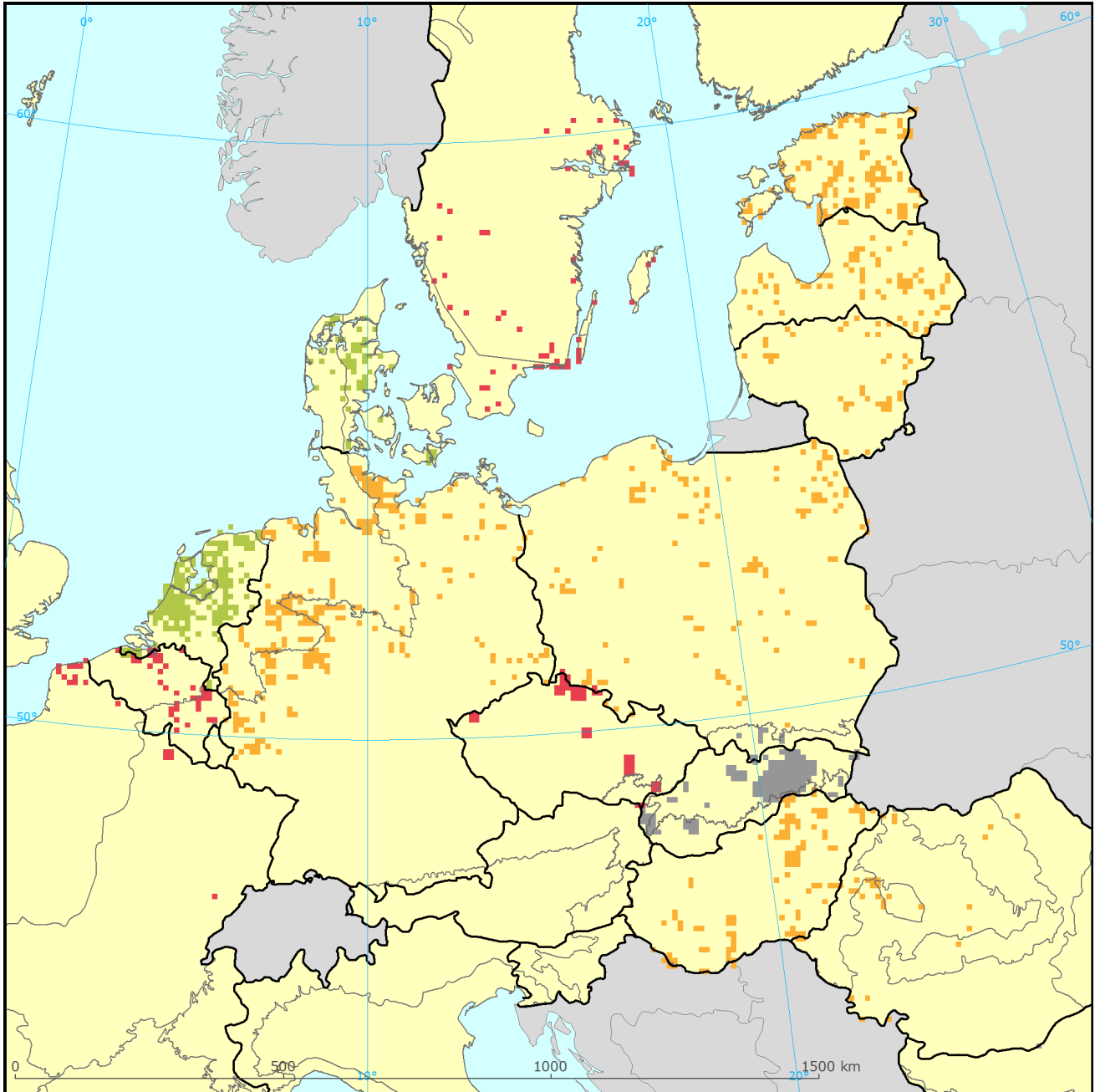


Region	Conservation status (CS) of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
	Range	Population	Habitat	Future prospects					
ALP	XX	XX	XX	XX	XX	=	9	XX	
ATL	FV	U1	U1	FV	U1	x	24	XX	Not genuine
BOR	FV	U1	XX	U1	U1	=	22	U1	
CON	U1	XX	U1	XX	U1	=	34	U1	
PAN	FV	FV	U1	FV	U1	=	11	U1	

See the endnote for more informationⁱ

Species: *Myotis dasycneme*
Report under the Article 17 of the Habitats Directive

Assessment of conservation status at the Member State level



Myotis dasycneme

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.

Species: *Myotis dasycneme*

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					
PL	ALP	XX	XX	XX	XX		9.1	XX		
RO	ALP	U1	U1	U1	U1	=	5.5			
SK	ALP	XX	XX	XX	XX		85.5	XX		
BE	ATL	U2	U1	XX	U1	-	6.7	FV	Genuine	
DE	ATL	FV	U1	U1	FV	x	32.3	FV	Better data	
DK	ATL	FV	FV	FV	FV		4.3	FV		
FR	ATL	U2	U2	XX	U2	-	4.0	U2		
NL	ATL	FV	FV	FV	FV		52.7	U1	Changed method	
UK	ATL									
EE	BOR	FV	FV	XX	U1	x	44.6	U1		
FI	BOR									
LT	BOR	FV	U1	U1	XX	=	14.0	FV	No data	
LV	BOR	FV	FV	U1	U1	-	27.0	U1	Better data	
SE	BOR	FV	U2	U1	U2	x	14.4	U2	Changed method	
BE	CON	FV	U2	XX	U2	x	4.4	U2		
BG	CON	XX	XX	XX	XX					
CZ	CON	U2	U2	XX	XX	=		U1	Changed method	
DE	CON	U1	U1	U1	U1	=	43.0	U1		
DK	CON	FV	FV	FV	FV		9.8	FV		
FR	CON	U2	U2	XX	XX	x		XX	Better data	
LU	CON	FV	XX	XX	XX				No data	
PL	CON	FV	XX	U1	XX	x	33.9	U1		
RO	CON	U1	U1	U1	U1	=	4.7			
SE	CON	FV	U2	U1	U2	x	4.1	U2	Changed method	
CZ	PAN	U2	U2	XX	XX	=		U1	Changed method	
HU	PAN	FV	FV	U1	FV	=	78.0	U1		
RO	PAN	U1	U1	U1	U1	=	3.0			
SK	PAN	XX	XX	XX	XX		18.9	XX		

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
G05	Other human intrusions and disturbances	20
A07	Use of 'pesticides' in agriculture	15
E06	Other urban/industrial developments	10
G01	Outdoor sports, leisure and recreational activities	10
H06	Excess energy (noise, light, heating, electromagnetic)	7
A02	Modification of cultivation practices	5
B02	Forest and plantation management & use	5
B07	Other forestry activities	5
H01	Pollution to surface waters	5
J03	Other changes to ecosystems	5

Ten most frequently reported 'highly important' threats

Code	Activity	Frequency
G05	Other human intrusions and disturbances	17
A07	Use of 'pesticides' in agriculture	13
B02	Forest and plantation management & use	13
E06	Other urban/industrial developments	11
G01	Outdoor sports, leisure and recreational activities	7
H01	Pollution to surface waters	7
H06	Excess energy (noise, light, heating, electromagnetic)	7
J03	Other changes to ecosystems	7
A02	Modification of cultivation practices	4
C03	Production of renewable energy (abiotic)	4

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	PAN
BE		100		45	
CZ				0	0
DE		24		37	
DK		38		31	
EE			64		
FR		16		0	
HU					60
LT			73		
LV			25		
NL		17			
PL	100			13	
RO	100			100	100
SE			0	0	
SK	32				100

See the endnotes for more informationⁱⁱ

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	27
6.1	Establish protected areas/sites	18
7.4	Specific single species or species group management measures	12
4.1	Restoring/improving water quality	10
6.4	Manage landscape features	8
7.0	Other species management measures	8
2.2	Adapting crop production	4
8.0	Other measures	4
3.1	Restoring/improving forest habitats	2
4.3	Managing water abstraction	2

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=Myotis+dasycneme>

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Report under the Article 17 of the Habitats Directive

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.