

# Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

0.1 Member State	GR
0.2.1 Species code	5003
0.2.2 Species name	<b>Myotis alcaethoe</b>
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	N/A

## 1. National Level

### 1.1 Maps

1.1.1 Distribution Map	Yes
1.1.1a Sensitive species	No
1.1.2 Method used - map	Estimate based on partial data with some extrapolation and/or modelling (2)
1.1.3 Year or period	1985-2012
1.1.4 Additional map	No
1.1.5 Range map	Yes

## 2. Biogeographical Or Marine Level

2.1 Biogeographical Region	<b>Mediterranean (MED)</b>
2.2 Published sources	Helversen O. v., Heller K.-G., Mayer F., Nemeth A., Volleth M. & Gombkötö P. 2001: Cryptic mammalian species: a new species of whiskered bat ( <i>Myotis alcaethoe</i> n. sp.) in Europe. <i>Naturwissensch.</i> 88: 217–223.; - Volleth M. 1987: Differences in the location of nucleolus organizer regions in European vespertilionid bats. <i>Cytogenet. Cell Genet.</i> 44: 186–197.

### 2.3 Range

2.3.1 Surface area - Range (km <sup>2</sup> )	50177
2.3.2 Method - Range surface area	Estimate based on partial data with some extrapolation and/or modelling (2)
2.3.3 Short-term trend period	2001-2012
2.3.4 Short-term trend direction	unknown (x)
2.3.5 Short-term trend magnitude	min                      max
2.3.6 Long-term trend period	
2.3.7 Long-term trend direction	N/A
2.3.8 Long-term trend magnitude	min                      max
2.3.9 Favourable reference range	area (km <sup>2</sup> ) operator                      N/A unkown                      Yes method
2.3.10 Reason for change	Improved knowledge/more accurate dataUse of different method

### 2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit      N/A min                      max
2.4.2 Population size (other than individuals)	Unit      number of map 5x5 km grid cells (grids5x5) min      100                      max                      500
2.4.3 Additional information	Definition of locality Conversion method      Impossible to convert data Problems                      Method used for population estimates in 5X5 grid cells

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from ecological niche modelling: all 5X5 grid cells inside current species distribution were selected with probability of occurrence greater than 0,3 ( $p > 0,3$ ) for minimum population estimate and greater than 0,2 ( $p > 0,2$ ) for maximum population estimate

2.4.4 Year or period	1985-2012		
2.4.5 Method – population size	Estimate based on partial data with some extrapolation and/or modelling (2)		
2.4.6 Short-term trend period	2001-2012		
2.4.7 Short term trend direction	unknown (x)		
2.4.8 Short-term trend magnitude	min	max	confidence interval
2.4.9 Short-term trend method	Absent data (0)		
2.4.10 Long-term trend period			
2.4.11 Long term trend direction	N/A		
2.4.12 Long-term trend magnitude	min	max	confidence interval
2.4.13 Long-term trend method	N/A		
2.4.14 Favourable reference population	number	operator	N/A
	unknown		Yes
	method		
2.4.15 Reason for change	Improved knowledge/more accurate data Use of different method		

## 2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km <sup>2</sup> )	13325		
2.5.2 Year or period	1985-2012		
2.5.3 Method used - habitat	Estimate based on partial data with some extrapolation and/or modelling (2)		
2.5.4 a) Quality of habitat	Unknown		
2.5.4 b) Quality of habitat - method	Unknown for the long term survival		
2.5.5 Short term trend period	2001-2012		
2.5.6 Short term trend direction	unknown (x)		
2.5.7 Long-term trend period			
2.5.8 Long term trend direction	N/A		
2.5.9 Area of suitable habitat (km <sup>2</sup> )	29025		
2.5.10 Reason for change	Improved knowledge/more accurate data Use of different method		

## 2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
forestry clearance (B02.02)	medium importance (M)	N/A
removal of dead and dying trees (B02.04)	medium importance (M)	N/A

2.6.1 Method used – pressures mainly based on expert judgement and other data (2)

## 2.7 Main Threats

Threat	ranking	pollution qualifier(s)
forestry clearance (B02.02)	medium importance (M)	N/A
removal of dead and dying trees (B02.04)	medium importance (M)	N/A

2.7.1 Method used – threats expert opinion (1)

## 2.8 Complementary Information

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2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

For this species not enough data were collected during the period 2001-2014. Thus, the distribution, range, population size, habitat area and suitable habitat area were calculated or estimated using the most recent qualitative and quantitative data.

2.8.3 Trans-boundary assessment

## 2.9 Conclusions (assessment of conservation status at end of reporting period)

2.9.1 Range

assessment Unknown (XX)  
qualifiers N/A

2.9.2. Population

assessment Unknown (XX)  
qualifiers N/A

2.9.3. Habitat

assessment Unknown (XX)  
qualifiers N/A

2.9.4. Future prospects

assessment Unknown (XX)  
qualifiers N/A

2.9.5 Overall assessment of Conservation Status

Unknown (XX)

2.9.5 Overall trend in Conservation Status

N/A

## 3. Natura 2000 coverage and conservation measures - Annex II species

### 3.1 Population

3.1.1 Population Size

Unit N/A  
min max

3.1.2 Method used

N/A

3.1.3 Trend of population size within

N/A

### 3.2 Conversation Measures