

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 | 1307 |
| 0.2.2 Species name | Myotis blythii |
| 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 | Yes |
| 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

2.2 Published sources

Mediterranean (MED)

Benda P., Georgiakakis P., Dietz C., Hanák V., Galanaki K., Markantonatou V., Chudárková A., Hulva P. & Horáček I. 2009. Bats (Mammalia: Chiroptera) of the eastern Mediterranean and middle east. Part 7. The bat fauna of Crete, Greece. *Acta Soc. Zool. Bohem.* 72: 105–190; - Hanak V., Benda P., Ruedi M., Horacek I. & Sofianidou T. S. 2001: Bats (Mammalia: Chiroptera) of the Eastern Mediterranean. Part 2. New records and review of distribution of bats in Greece. *Acta Societatis Zoologicae Bohemicae* 65: 279–346.; - Iliopoulou-Georgudaki J. G. 1984: Intraspecific and interpopulation morphologic variation in the sharp-eared bat, *Myotis blythii* (Tomes, 1857) (Chiroptera: Vespertilionidae), from Greece. *Bonn. Zool. Beitr.* 35: 15–24.; - Ivanova T. 2000: New data on bats (Mammalia: Chiroptera) from the Eastern Rhodopes, Greece (Thrace, Evros). *Histor. Natur. Bulg.* 11: 117–125.; - Papadatou, E., 2006. Ecology and conservation of the long-fingered bat *Myotis capaccinii* in the National Park of Dadia-Lefkimi Soufli, Greece. Ph.D. Dissertation, University of Leeds.; - Paragamian K., Nikoloudakis E., Papadatou E. and Sfakianaki E. 2004. Biological - Environmental Study of Maronia Cave (Rodopi, Greece). Analysis of Current Status - Proposals. Final report (in Greek). Hellenic Institute of Speleological Research, 176pp; - Pieper H. 1977: Fledermäuse aus Schleiereulen-Gewöllen von der Insel Kreta. *Ztschr. Säugetierk.* 43: 7–12.; - Pieper H. 1978: *Pipistrellus nathusii* (Keyserling und Blasius, 1839) in Griechenland und Bemerkungen zu einigen weiteren Arten (Chiroptera: Vespertilionidae). *Ztschr. Säugetierk.* 43: 60–61.; - Skiba R. 2007: Zum Vorkommen der Fledermause in Kreta (Griechenland). *Nyctalus(N. F.)* 12(1): 52–60.; - Tsunis G. 1987: Aspetti faunistici del Parco Nazionale di Valia-Calda, Pindo. Pp.: 44–47. In: Crucitti P. (ed.): *Atti del Convegno sur Tema Zoologica Ellenica*. Roma: Soc. Rom. Sci. Natur., 56 pp.

2.3 Range

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| | |
|---|---|
| 2.3.1 Surface area - Range (km ²) | 122912 |
| 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 ²) operator approximately equal to (≈) unknown No method Expert judgement |
| 2.3.10 Reason for change | Improved knowledge/more accurate data Use of different method |

2.4 Population

| | |
|---|---|
| 2.4.1 Population size (individuals or agreed exception) | Unit number of individuals (i) min 10000 max 50000 |
| 2.4.2 Population size (other than individuals) | Unit N/A min max |
| 2.4.3 Additional information | Definition of locality Conversion method Problems |
| 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 approximately equal to (≈) unknown No 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 ²) | 83750 |
| 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 | Good |
| 2.5.4 b) Quality of habitat - method | Forages on a variety of habitats, roosts in caves and mines which are abundant, but threatened. |
| 2.5.5 Short term trend period | 2001-2012 |
| 2.5.6 Short term trend direction | unknown (x) |

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| | |
|---|---|
| 2.5.7 Long-term trend period | |
| 2.5.8 Long term trend direction | N/A |
| 2.5.9 Area of suitable habitat (km ²) | 90050 |
| 2.5.10 Reason for change | Improved knowledge/more accurate data Use of different method |

2.6 Main Pressures

| Pressure | ranking | pollution qualifier(s) |
|--|-----------------------|------------------------|
| agricultural intensification (A02.01) | medium importance (M) | N/A |
| use of biocides, hormones and chemicals (A07) | medium importance (M) | N/A |
| removal of hedges and copses or scrub (A10.01) | medium importance (M) | N/A |
| speleology (G01.04.02) | medium importance (M) | N/A |
| recreational cave visits (G01.04.03) | medium importance (M) | N/A |
| Vandalism (G05.04) | low importance (L) | N/A |
| closures of caves or galleries (G05.08) | medium importance (M) | N/A |
| underground collapses (L06) | low importance (L) | 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) |
|--|-----------------------|------------------------|
| agricultural intensification (A02.01) | medium importance (M) | N/A |
| use of biocides, hormones and chemicals (A07) | medium importance (M) | N/A |
| removal of hedges and copses or scrub (A10.01) | medium importance (M) | N/A |
| speleology (G01.04.02) | medium importance (M) | N/A |
| recreational cave visits (G01.04.03) | medium importance (M) | N/A |
| Vandalism (G05.04) | low importance (L) | N/A |
| closures of caves or galleries (G05.08) | medium importance (M) | N/A |
| underground collapses (L06) | low importance (L) | N/A |

2.7.1 Method used – threats expert opinion (1)

2.8 Complementary Information

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.

The data of the geographical distribution and range of the species are based on recent bibliographic and field data that have been tested for their accuracy and does not confirm its presence on the sites GR2210001 and GR4210003. These data will be also used to update Standard Data Forms of Natura 2000 network.

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

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| | |
|---|--|
| 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 Inadequate (U1) qualifiers declining (-) |
| 2.9.5 Overall assessment of Conservation Status | Inadequate (U1) |
| 2.9.5 Overall trend in Conservation Status | unknown (x) |

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

3.1 Population

| | |
|---------------------------------------|---|
| 3.1.1 Population Size | Unit number of individuals (i) min 2500 max 5000 |
| 3.1.2 Method used | Estimate based on partial data with some extrapolation and/or modelling (2) |
| 3.1.3 Trend of population size within | N/A |

3.2 Conversation Measures

| 3.2.1 Measure | 3.2.2 Type | 3.2.3 Ranking | 3.2.4 Location | 3.2.5 Broad Evaluation |
|---------------------------------------|------------------|--------------------------|----------------|------------------------|
| Establish protected areas/sites (6.1) | Legal One-off | medium importance (M) | Inside | Enhance Long term |