

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

NATIONAL LEVEL

1. General information

1.1 Member State	GR
1.2 Species code	1324
1.3 Species scientific name	<i>Myotis myotis</i>
1.4 Alternative species scientific name	
1.5 Common name (in national language)	

2. Maps

2.1 Sensitive species	Yes
2.2 Year or period	2015
2.3 Distribution map	Yes
2.4 Distribution map Method used	Based mainly on extrapolation from a limited amount of data
2.5 Additional maps	Yes

3. Information related to Annex V Species (Art. 14)

3.1 Is the species taken in the wild/exploited?	No
3.2 Which of the measures in Art. 14 have been taken?	a) regulations regarding access to property No
	b) temporary or local prohibition of the taking of specimens in the wild and exploitation No
	c) regulation of the periods and/or methods of taking specimens No
	d) application of hunting and fishing rules which take account of the conservation of such populations No
	e) establishment of a system of licences for taking specimens or of quotas No
	f) regulation of the purchase, sale, offering for sale, keeping for sale or transport for sale of specimens No
	g) breeding in captivity of animal species as well as artificial propagation of plant species No
	h) other measures No

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

3.3 Hunting bag or quantity taken in the wild for Mammals and Acipenseridae (Fish)

a) Unit

b) Statistics/ quantity taken	Provide statistics/quantity per hunting season or per year (where season is not used) over the reporting period					
	Season/ year 1	Season/ year 2	Season/ year 3	Season/ year 4	Season/ year 5	Season/ year 6
Min. (raw, ie. not rounded)						
Max. (raw, ie. not rounded)						
Unknown	No	No	No	No	No	No

3.4. Hunting bag or quantity taken in the wild Method used

3.5. Additional information

BIOGEOGRAPHICAL LEVEL

4. Biogeographical and marine regions

4.1 Biogeographical or marine region where the species occurs

Mediterranean (MED)

4.2 Sources of information

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.

Helversen O. v. & Weid R. 1990: Die Verbreitung einiger Fledermausarten in Griechenland. *Bonn. Zool. Beitr.* 41: 9–22.

Iliopoulou-Georgudaki J. & Giagia E. B. 1984: Distribution notes on *Myotis myotis* (Borkhausen, 1797) (Chiroptera; Vespertilionidae) from Greece, including the karyotype of specimens from Lesbos Island. *Säugetierk. Mitt.* 31: 135–139.

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.

Spitzenberger F. 1996: Distribution and subspecific variation of *Myotis blythi* and *Myotis myotis* in Turkey (Mamm., Vespertilionidae). *Ann. Naturhistor. Mus. Wien* 98B Suppl.: 9–23.

5. Range

5.1 Surface area

108816

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

5.2 Short-term trend Period	2007-2018	
5.3 Short-term trend Direction	Unknown (x)	
5.4 Short-term trend Magnitude	a) Minimum	b) Maximum
5.5 Short-term trend Method used	Insufficient or no data available	
5.6 Long-term trend Period		
5.7 Long-term trend Direction		
5.8 Long-term trend Magnitude	a) Minimum	b) Maximum
5.9 Long-term trend Method used		
5.10 Favourable reference range	a) Area (km ²) b) Operator c) Unknown d) Method	Approximately equal to (≈) Expert judgement
5.11 Change and reason for change in surface area of range	No change The change is mainly due to:	
5.12 Additional information		

6. Population

6.1 Year or period	2015	
6.2 Population size (in reporting unit)	a) Unit	number of individuals (i)
	b) Minimum	1000
	c) Maximum	5000
	d) Best single value	
6.3 Type of estimate	Best estimate	
6.4 Additional population size (using population unit other than reporting unit)	a) Unit b) Minimum c) Maximum d) Best single value	
6.5 Type of estimate		
6.6 Population size Method used	Based mainly on extrapolation from a limited amount of data	
6.7 Short-term trend Period	2007-2018	
6.8 Short-term trend Direction	Unknown (x)	
6.9 Short-term trend Magnitude	a) Minimum b) Maximum c) Confidence interval	
6.10 Short-term trend Method used	Insufficient or no data available	
6.11 Long-term trend Period		
6.12 Long-term trend Direction		

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

6.13 Long-term trend Magnitude

- a) Minimum
- b) Maximum
- c) Confidence interval

6.14 Long-term trend Method used

6.15 Favourable reference population (using the unit in 6.2 or 6.4)

- a) Population size
- b) Operator Approximately equal to (≈)
- c) Unknown
- d) Method

6.16 Change and reason for change in population size

- No change
- The change is mainly due to:

6.17 Additional information

7. Habitat for the species

7.1 Sufficiency of area and quality of occupied habitat

- a) Are area and quality of occupied habitat sufficient (for long-term survival)? Unknown
- b) Is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)?

7.2 Sufficiency of area and quality of occupied habitat Method used

Insufficient or no data available

7.3 Short-term trend Period

2007-2018

7.4 Short-term trend Direction

Unknown (x)

7.5 Short-term trend Method used

Insufficient or no data available

7.6 Long-term trend Period

7.7 Long-term trend Direction

7.8 Long-term trend Method used

7.9 Additional information

The surface area of the habitat is estimated at 71850 km², the area of suitable habitat is 93325 km² and its quality is good.
Forages on a variety of habitats, roosts in caves and mines which are abundant but threatened.

8. Main pressures and threats

8.1 Characterisation of pressures/threats

Pressure	Ranking
Conversion into agricultural land (excluding drainage and burning) (A01)	M
Use of plant protection chemicals in agriculture (A21)	M
Removal of small landscape features for agricultural land parcel consolidation (hedges, stone walls, rushes, open ditches, springs, solitary trees, etc.) (A05)	M
Sports, tourism and leisure activities (F07)	M

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

Closure or restricted access to site/habitat (H06)	M
Threat	Ranking
Conversion into agricultural land (excluding drainage and burning) (A01)	M
Use of plant protection chemicals in agriculture (A21)	M
Removal of small landscape features for agricultural land parcel consolidation (hedges, stone walls, rushes, open ditches, springs, solitary trees, etc.) (A05)	M
Sports, tourism and leisure activities (F07)	M
Closure or restricted access to site/habitat (H06)	M

8.2 Sources of information PRESSURES: Mainly based on expert judgement and other data.
THREATS: Based on expert opinion.

8.3 Additional information

9. Conservation measures

9.1 Status of measures	a) Are measures needed?	Yes
	b) Indicate the status of measures	Measures needed but cannot be identified

9.2 Main purpose of the measures taken

9.3 Location of the measures taken

9.4 Response to the measures

9.5 List of main conservation measures

()

9.6 Additional information

10. Future prospects

10.1 Future prospects of parameters	a) Range	Unknown
	b) Population	Poor
	c) Habitat of the species	Poor

10.2 Additional information

11. Conclusions

11.1. Range	Unknown (XX)
11.2. Population	Unknown (XX)
11.3. Habitat for the species	Unknown (XX)
11.4. Future prospects	Unfavourable - Inadequate (U1)
11.5 Overall assessment of Conservation Status	Unfavourable - Inadequate (U1)

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

11.6 Overall trend in Conservation Status

Unknown (x)

11.7 Change and reasons for change in conservation status and conservation status trend

a) Overall assessment of conservation status

No change

The change is mainly due to:

b) Overall trend in conservation status

No change

The change is mainly due to:

11.8 Additional information

12. Natura 2000 (pSCIs, SCIs and SACs) coverage for Annex II species

12.1 Population size inside the pSCIs, SCIs and SACs network (on the biogeographical/marine level including all sites where the species is present)

a) Unit number of individuals (i)

b) Minimum 250

c) Maximum 500

d) Best single value

12.2 Type of estimate

Minimum

12.3 Population size inside the network Method used

Based mainly on extrapolation from a limited amount of data

12.4 Short-term trend of population size within the network Direction

Unknown (x)

12.5 Short-term trend of population size within the network Method used

Insufficient or no data available

12.6 Additional information

Species for which either new Natura sites have been designated or former ones have been expanded to cover a bigger part of their populations. The population size in 12.1 is reported as minimum due to the recent update of the Greek Natura 2000 Database (extended areas of current Natura 2000 sites and newly proposed SCIs). No relevant data exist for the extensions or the new Natura 2000 sites.

13. Complementary information

13.1 Justification of % thresholds for trends

13.2 Trans-boundary assessment

13.3 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.

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