

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	5253
0.2.2 Species name	Pipistrellus hanaki
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	Nanonycterida tou Hanak

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	2001-2012
1.1.4 Additional map	No
1.1.5 Range map	Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

Mediterranean (MED)

2.2 Published sources

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.; - Skiba R. 2007: Zum Vorkommen der Fledermause in Kreta (Griechenland). Nyctalus(N. F.) 12(1): 52–60.

2.3 Range

2.3.1 Surface area - Range (km ²)	7267
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	stable (0)
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 (≈) unkown No method Expert judgment
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 173 max 233

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

2.4.3 Additional information	Definition of locality			
	Conversion method	Impossible to convert data		
	Problems	Method used for population estimates in 5X5 grid cells 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	1995-2012			
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 ²)	5825			
2.5.2 Year or period	1995-2012			
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	Moderate			
2.5.4 b) Quality of habitat - method	Generalistic roosting habits. Forages on forests and abandoned tree crops, which on Crete are threatened.			
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 ²)	6575			
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		
forestry clearance (B02.02)	medium importance (M)	N/A		
removal of dead and dying trees (B02.04)	low importance (L)	N/A		
demolishment of buildings & human structures (E06.01)	low importance (L)	N/A		
reconstruction, renovation of buildings (E06.02)	low importance (L)	N/A		
Vandalism (G05.04)	low importance (L)	N/A		
2.6.1 Method used – pressures	mainly based on expert judgement and other data (2)			

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

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
agricultural intensification (A02.01)	medium importance (M)	N/A
forestry clearance (B02.02)	medium importance (M)	N/A
removal of dead and dying trees (B02.04)	low importance (L)	N/A
demolishment of buildings & human structures (E06.01)	low importance (L)	N/A
reconstruction, renovation of buildings (E06.02)	low importance (L)	N/A
Vandalism (G05.04)	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.

2.8.3 Trans-boundary assessment

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

2.9.1 Range assessment Favourable (FV)
qualifiers N/A

2.9.2. Population assessment Unknown (XX)
qualifiers N/A

2.9.3. Habitat assessment Inadequate (U1)
qualifiers unknown (x)

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 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