

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

0.1 Member State	HU
0.2.1 Species code	1321
0.2.2 Species name	<b>Myotis emarginatus</b>
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	csonkafülű denevér

## 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	2007-2012
1.1.4 Additional map	No
1.1.5 Range map	Yes

## 2. Biogeographical Or Marine Level

### 2.1 Biogeographical Region

#### Pannonian (PAN)

Bihari, Z. & Boldogh, S. 2007. Csonkafülű denevér *Myotis emarginatus* (Geoffroy, 1806) Pp. 117-118. In: Bihari, Z., Csorba, G. & Heltai, M. (szerk.): Magyarország emlőseinek atlasza. Kossuth Kiadó, Budapest.

Boldogh, S., Dobrosi, D. & Samu, P. 2007. Szállásépületek kivilágításának hatása a denevérállományokra. In: Molnár, V. (ed.): Az V. Magyar Denevérvédelmi Konferencia (Pécs, 2005. december 3-4.) és a VI. Magyar Denevérvédelmi Konferencia (Mártély, 2007. október 12-14.) kiadványa (Mártély, 12th to 14th of October 2007)], CSEMETE Egyesület, Szeged, pp. 98-102.

Boldogh, S. & Estók, P. (eds.) 2007. Földalatti denevérszállások katasztere I. Aggteleki Nemzeti Park Igazgatóság, Jósvafő, 340 pp.

Boldogh, S., Dobrosi, D. & Samu, P. 2007. The effects of the illumination of buildings on house-dwelling bats and its conservation consequences. Acta Chiropterologica, 9(2): 527-534.

Durkó, L. 2007. Nagy patkósdenevér és csonkafülű denevér nyári szálláshelye Békésen. In: Molnár, V. (ed.): Az V. Magyar Denevérvédelmi Konferencia (Pécs, 2005. december 3-4.) és a VI. Magyar Denevérvédelmi Konferencia (Mártély, 2007. október 12-14.) kiadványa, CSEMETE Egyesület, Szeged, pp. 53-65.

Görföl, T. & Dombi, I. 2008. Csonkafülű denevér (*Myotis emarginatus*) előfordulása Gemencen. Denevérkutatás - Hungarian Bat Research News. 4: 7-11.

### 2.3 Range

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2.3.1 Surface area - Range (km <sup>2</sup> )	26988	
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 <sup>2</sup> ) operator unkown method	approximately equal to (≈) No
2.3.10 Reason for change		Use of different method

## 2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit	number of individuals (i)	
	min	6000	max 12000
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		2007-2012	
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		stable (0)	
2.4.8 Short-term trend magnitude	min	max	confidence interval
2.4.9 Short-term trend method		Estimate based on partial data with some extrapolation and/or modelling (2)	
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 unknown method	approximately equal to (≈) No	
2.4.15 Reason for change		Improved knowledge/more accurate data	

## 2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km <sup>2</sup> )	9847	
2.5.2 Year or period	2006	
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	Szülőkolóniák búvóhelyein emberi zavarás, épületkivilágítás okozhat problémát, táplálkozóhelyeken állattartás visszasorulása, peszticidhasználat, erdőgazdálkodás. Hősök a padlásokon, tetőterekben.	
2.5.5 Short term trend period	2001-2012	
2.5.6 Short term trend direction	stable (0)	

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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 <sup>2</sup> )	9847
2.5.10 Reason for change	Use of different method

## 2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
abandonment of pastoral systems, lack of grazing (A04.03)	medium importance (M)	N/A
use of biocides, hormones and chemicals (A07)	high importance (H)	N/A
forestry clearance (B02.02)	medium importance (M)	N/A
speleology (G01.04.02)	low importance (L)	N/A
Light pollution (H06.02)	high importance (H)	N/A
temperature changes (e.g. rise of temperature & extremes) (M01.01)	high importance (H)	N/A

2.6.1 Method used – pressures based only on expert judgements (1)

## 2.7 Main Threats

Threat	ranking	pollution qualifier(s)
abandonment of pastoral systems, lack of grazing (A04.03)	medium importance (M)	N/A
use of biocides, hormones and chemicals (A07)	high importance (H)	N/A
forestry clearance (B02.02)	medium importance (M)	N/A
speleology (G01.04.02)	low importance (L)	N/A
Light pollution (H06.02)	high importance (H)	N/A
temperature changes (e.g. rise of temperature & extremes) (M01.01)	high importance (H)	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
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 Favourable (FV) qualifiers N/A
2.9.3. Habitat	assessment Favourable (FV) qualifiers N/A
2.9.4. Future prospects	assessment Favourable (FV) qualifiers N/A
2.9.5 Overall assessment of Conservation Status	Favourable (FV)
2.9.5 Overall trend in Conservation Status	N/A

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

### 3.1 Population

3.1.1 Population Size	Unit	number of individuals (i)	
	min	3000	max 6000
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
Other species management measures (7.0)	Recurrent	high importance (H)	Both	Maintain Enhance Long term

Térképmelléklet az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentéshez  
2013.

Csonkafülű denevér (*Myotis emarginatus*)

II., IV. melléklet

