

# 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	1318
0.2.2 Species name	<b>Myotis dasycneme</b>
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	tavi 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 expert opinion with no or minimal sampling (1)
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)

### 2.2 Published sources

Dombi, I. & Szatyor, M. 2007. Tavi denevér *Myotis dasycneme* (Boie, 1825) Pp. 113-114. In: Bihari, Z., Csorba, G. & Heltai, M. (szerk.): Magyarország emlőseinek atlasza. Kossuth Kiadó, Budapest.

Estók, P. & Cserkész, T. 2008. Egy tavi denevér *Myotis dasycneme* (BOIE, 1825) rádiós nyomkövetésének eredményei. Denevérkutatás - Hungarian Bat Research News. 4: 42-44.

Paulovics, P. 2007. A tavi denevér (*Myotis dasycneme*) megjelenése és elterjedése a Bakonyban. 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. 103-109.

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

### 2.3 Range

2.3.1 Surface area - Range (km <sup>2</sup> )	50864
2.3.2 Method - Range surface area	Estimate based on expert opinion with no or minimal sampling (1)
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 approximately equal to (≈) unkown No method
2.3.10 Reason for change	Use of different method

### 2.4 Population

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2.4.1 Population size (individuals or agreed exception)	Unit	number of individuals (i)		
	min	6000	max	10000
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 expert opinion with no or minimal sampling (1)			
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 expert opinion with no or minimal sampling (1)			
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

## 2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km <sup>2</sup> )	9463
2.5.2 Year or period	2006
2.5.3 Method used - habitat	Estimate based on expert opinion with no or minimal sampling (1)
2.5.4 a) Quality of habitat	Moderate
2.5.4 b) Quality of habitat - method	b) Ártéri területeken folytatott erdőgazdálkodás negatív hatásai, illetve az épületlakó kolóniák bűvőhelyeinek védelmi problémái.
2.5.5 Short term trend period	2001-2012
2.5.6 Short term trend direction	stable (0)
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> )	9463
2.5.10 Reason for change	

## 2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
use of biocides, hormones and chemicals (A07)	high importance (H)	N/A
forestry clearance (B02.02)	high importance (H)	N/A
removal of dead and dying trees (B02.04)	medium importance (M)	N/A
roads, motorways (D01.02)	medium importance (M)	N/A
speleology (G01.04.02)	medium importance (M)	N/A
Light pollution (H06.02)	low importance (L)	N/A
Landfill, land reclamation and drying out, general (J02.01)	medium importance (M)	N/A

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infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03)	medium importance (M)	N/A
Water abstractions from surface waters (J02.06)	medium importance (M)	N/A
<b>2.6.1 Method used – pressures</b> based exclusively or to a larger extent on real data from sites/occurrences or other		
<b>2.7 Main Threats</b>		
<b>Threat</b>	<b>ranking</b>	<b>pollution qualifier(s)</b>
use of biocides, hormones and chemicals (A07)	high importance (H)	N/A
forestry clearance (B02.02)	high importance (H)	N/A
removal of dead and dying trees (B02.04)	medium importance (M)	N/A
roads, motorways (D01.02)	medium importance (M)	N/A
speleology (G01.04.02)	medium importance (M)	N/A
Light pollution (H06.02)	low importance (L)	N/A
Landfill, land reclamation and drying out, general (J02.01)	medium importance (M)	N/A
infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03)	medium importance (M)	N/A
Water abstractions from surface waters (J02.06)	medium importance (M)	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 Inadequate (U1)  
qualifiers declining (-)

2.9.4. Future prospects assessment Favourable (FV)  
qualifiers N/A

2.9.5 Overall assessment of Conservation Status Inadequate (U1)

2.9.5 Overall trend in Conservation Status stable (=)

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

### 3.1 Population

3.1.1 Population Size Unit number of individuals (i)  
min 3600 max 6000

3.1.2 Method used Estimate based on expert opinion with no or minimal sampling (1)

3.1.3 Trend of population size within N/A

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## 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 Long term

