

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	5003
0.2.2 Species name	Myotis alcathoe
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	nimfadenevér

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)

Estók, P. 2007. Nimfadenevér Myotis alcathoe Helversen & Heller, 2001. Pp. 109-110. In: Bihari, Z., Csorba, G. & Heltai, M. (szerk.): Magyarország emlőseinek atlasza. Kossuth Kiadó, Budapest.

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

Kováts, D. 2010. A nimfadenevér (Myotis alcathoe Helversen & Heller 2001) első megkerülése a Gerencsében. Folia Historico Naturalia Musei Matraensis. 34: 197-199.

Niermann, I., Biedermann, M., Bogdanowicz, W., Brinkmann R., Bris, Y. Le, Ciechanowski, M., Dietz, C., Dietz, I., Estók P., Helversen, O. von, Houédec, A. Le, Paksuz, S., Petrov, B. P., Özkan, B., Piksa, K., Rachwald, A., Roue, S. Y., Sachanowicz, K., Schorcht, W., Tereba & A., Mayer, F. 2007. Biogeography of the recently described Myotis alcathoe von Helversen and Heller, 2001. Acta Chiropterologica, 9(2): 361-378.

2.3 Range

2.3.1 Surface area - Range (km ²)	2039
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	unknown (x)
2.3.5 Short-term trend magnitude	min max
2.3.6 Long-term trend period	N/A
2.3.7 Long-term trend direction	min max
2.3.8 Long-term trend magnitude	area (km ²)
2.3.9 Favourable reference range	operator more than (> 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	5000	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	unknown (x)		
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	N/A		
2.4.11 Long term trend direction	min	max	confidence interval
2.4.12 Long-term trend magnitude	N/A		
2.4.13 Long-term trend method	number		
2.4.14 Favourable reference population	operator more than (>)		
	unknown No		
	method		
2.4.15 Reason for change	Improved knowledge/more accurate data		
2.5 Habitat for the Species			
2.5.1 Surface area - Habitat (km ²)	1255		
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	A hazai középhegységi erdőterületek állapota a korszerűtlen, tarvágásokat eredményező módszerek nagy nagyságrendben való alkalmazása miatt erőteljesen leromlott, a természetes strukturális diverzitást, elegyarányt és korheterogenitást jelentős nagyságú területeken meg sem közelítik.		
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	N/A		
2.5.8 Long term trend direction	1255		
2.5.9 Area of suitable habitat (km ²)			
2.5.10 Reason for change			

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
use of biocides, hormones and chemicals (A07)	medium importance (M)	N/A
forestry clearance (B02.02)	high importance (H)	N/A
removal of dead and dying trees (B02.04)	high importance (H)	N/A
speleology (G01.04.02)	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

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

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
use of biocides, hormones and chemicals (A07)	medium importance (M)	N/A
forestry clearance (B02.02)	high importance (H)	N/A
removal of dead and dying trees (B02.04)	high importance (H)	N/A
speleology (G01.04.02)	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

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 Inadequate (U1)
qualifiers unknown (x)

2.9.2. Population assessment Inadequate (U1)
qualifiers unknown (x)

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

2.9.4. Future prospects assessment Inadequate (U1)
qualifiers unknown (x)

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

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

Alchatoe-denevér (*Myotis alchatoe*)

IV. melléklet

