

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	1320
0.2.2 Species name	Myotis brandtii
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	brandt-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)

Boldogh, S. & Estók, P. (eds.) 2007. Földalatti denevérszállások katasztere I. Aggteleki Nemzeti Park Igazgatóság, Jósvafő, 340 pp.
Dobrosi, D. 1993. Adatok a Bükk denevérfaunájához. Folia Historico-naturalia Musei Matraensis, 18: 191-197.
Estók, P. 2007. Brandt-denevér Myotis brandtii (Eversmann, 1845). Pp. 111-112.
In: Bihari, Z., Csorba, G. & Heltai, M. (szerk.): Magyarország emlőseinek atlasza. Kossuth Kiadó, Budapest.

2.3 Range

2.3.1 Surface area - Range (km ²)	32390
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	decrease (-)
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	operator more than (>) unkown No method
2.3.9 Favourable reference range	

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	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		

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	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	decrease (-)	
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 operator more than (>) unknown No	
2.4.14 Favourable reference population	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)	3678	
2.5.2 Year or period	2007-2012	
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	Az egyes erdőrészek homogén letermelésével kialakított fátlan területek (fragmentáció), a létrehozott minimális strukturális diverzitású, fafaj- és korhomogén erdőterületek a faj számára elenyésző mértékben jelentenek csak előhelykomponenst.	
2.5.5 Short term trend period	2001-2012	
2.5.6 Short term trend direction	decrease (-)	
2.5.7 Long-term trend period	N/A	
2.5.8 Long term trend direction	3678	
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
roads, motorways (D01.02)	medium importance (M)	N/A
speleology (G01.04.02)	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

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roads, motorways (D01.02)	medium importance (M)	N/A		
speleology (G01.04.02)	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 declining (-)			
2.9.2. Population	assessment Inadequate (U1) qualifiers declining (-)			
2.9.3. Habitat	assessment Inadequate (U1) qualifiers declining (-)			
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	declining (-)			

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.

Brandt-denevér

(*Myotis brandtii*)

IV. melléklet

