

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	1304
0.2.2 Species name	Rhinolophus ferrumequinum
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	nagy patkósdenevér

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)

Conference. ANP-Jósvafő (Hungary). ANP Füzetek I.: 185-193.
Bihari, Z., Szatyor, M. & Boldogh, S. 2007. Nagy patkósdenevér Rhinolophus ferrumequinum (Schreber, 1774). Pp. 72-74. In: Bihari, Z., Csorba, G. & Heltai, M. (szerk.): Magyarország emlőseinek atlasza. Kossuth Kiadó, Budapest.
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.
Boldogh, S. & Estók, P. (eds.) 2007. Földalatti denevérszállások katasztere I. Aggteleki Nemzeti Park Igazgatóság, Jósvafő, 340 pp.
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, CSEMTE Egyesület, Szeged, pp. 53-65.

2.3 Range

2.3.1 Surface area - Range (km ²)	28349
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	N/A
2.3.7 Long-term trend direction	min max
2.3.8 Long-term trend magnitude	area (km ²) more than (>)
2.3.9 Favourable reference range	operator No unkown method
2.3.10 Reason for change	Use of different method

2.4 Population

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

2.4.1 Population size (individuals or agreed exception)	Unit	number of individuals (i)							
	min	1500	max	4000					
2.4.2 Population size (other than individuals)	Unit	N/A							
	min	max							
2.4.3 Additional information	<p>Definition of locality</p> <p>Conversion method</p> <p>Problems</p>								
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	decrease (-)								
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	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	Genuine								
2.5 Habitat for the Species									
2.5.1 Surface area - Habitat (km ²)	10617								
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	A kölykezőkolóniák nyáron épületpadlásokon jönnek létre, ezeken a bűvöhelyeken fokozottan jelentkezhet a negative antropogén hatás: zavarás, renoválás, kivilágítás, berepülők lezárása. Télen fokozottan veszélyeztetettek barlangi kolóniái a barlangi turizmus és illegális behatolások miatt.								
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	10617								
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)	high importance (H)	N/A
forestry clearance (B02.02)	high importance (H)	N/A
speleology (G01.04.02)	high importance (H)	N/A
Light pollution (H06.02)	high importance (H)	N/A

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

temperature changes (e.g. rise of temperature & extremes) high importance (H) N/A
(M01.01)

2.6.1 Method used – pressures mainly based on expert judgement and other data (2)

2.7 Main Threats

Threat	ranking	pollution qualifer(s)
use of biocides, hormones and chemicals (A07)	high importance (H)	N/A
forestry clearance (B02.02)	high importance (H)	N/A
speleology (G01.04.02)	high importance (H)	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 Inadequate (U1)
 qualifiers stable (=)

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 number of individuals (i)
 min 900 max 2400

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
Establish protected areas/sites (6.1)	Legal One-off	high importance (H)	Inside	Maintain Long term

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Other species management measures (7.0)	Recurrent	high importance (H)	Both	Maintain Long term
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Térképmelléklet az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentéshez
2013.

Nagy patkósdenevér

(*Rhinolophus ferrumequinum*)

II., IV. melléklet

