

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 alcaethoe |
| 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)

2.2 Published sources

Estók, P. 2007. Nimfadenevér *Myotis alcaethoe* 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, Jósvalfő, 340 pp.

Kováts, D. 2010. A nimfadenevér (*Myotis alcaethoe* Helversen & Heller 2001) első megkerülése a Gerecsében. *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 alcaethoe* 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 | |
| 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 ²) 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 | | | | |
| 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 | 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 | |
| 2.5.8 Long term trend direction | N/A |
| 2.5.9 Area of suitable habitat (km ²) | 1255 |
| 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

