

# 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                        | 1332                       |
| 0.2.2 Species name                        | <b>Vespertilio murinus</b> |
| 0.2.3 Alternative species scientific name | N/A                        |
| 0.2.4 Common name                         | fehértorkú 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

Bihari, Z., Estók, P., Gombkötő, P. & Petrovics, Z. 2007. A fehértorkú denevér magyarországi előfordulása és bűvőhely preferenciája. 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. 77-79.

ESTÓK, P., BIHARI, Z. & GOMBKÖTŐ, P. 2007. Fehértorkú denevér *Vespertilio murinus* (Linnaeus, 1758). Pp. 105-106. In: Bihari, Z., Csorba, G. & Heltai, M. (szerk.): Magyarország emlőseinek atlasza. Kossuth Kiadó, Budapest.

Kováts, D. 2012. First record of *Vespertilio murinus* in the Pilis Mts. (Hungary). *Vespertilio*. 15: 151-154.

### 2.3 Range

|   |   |
|---|---|
| 2.3.1 Surface area - Range (km <sup>2</sup> ) | 4000  |
| 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> )<br>operator approximately equal to (≈)<br>unkown No<br>method |
| 2.3.10 Reason for change                      | Use of different method   |

### 2.4 Population

|   |      |                           |
|---|------|---------------------------|
| 2.4.1 Population size (individuals or agreed exception) | Unit | number of individuals (i) |
|   | min  | 1000 max 5000             |

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|  |  |                            |                     |
|--|--|----------------------------|---------------------|
| 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   | 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> )   | 3135   |
| 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                       | Good   |
| 2.5.4 b) Quality of habitat - method              | Épületekben, szikarésekben élő, jól alkalmazkodó faj.            |
| 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 <sup>2</sup> ) | 3135   |
| 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)                   | low importance (L)    | N/A                    |
| removal of dead and dying trees (B02.04)      | low importance (L)    | N/A                    |
| wind energy production (C03.03)               | medium importance (M) | N/A                    |
| Vandalism (G05.04)                            | medium importance (M) | N/A                    |

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

## 2.7 Main Threats

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| Threat  | ranking               | pollution qualifier(s) |
|---|-----------------------|------------------------|
| use of biocides, hormones and chemicals (A07) | medium importance (M) | N/A                    |
| forestry clearance (B02.02)                   | low importance (L)    | N/A                    |
| removal of dead and dying trees (B02.04)      | low importance (L)    | N/A                    |
| wind energy production (C03.03)               | medium importance (M) | N/A                    |
| Vandalism (G05.04)                            | 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 Favourable (FV)  
qualifiers N/A

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

2.9.5 Overall assessment of Conservation Status Favourable (FV)

2.9.5 Overall trend in Conservation Status N/A

## 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

