

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

NATIONAL LEVEL

1. General information

| | |
|---|-----------------------|
| 1.1 Member State | HU |
| 1.2 Species code | 1307 |
| 1.3 Species scientific name | <i>Myotis blythii</i> |
| 1.4 Alternative species scientific name | |
| 1.5 Common name (in national language) | hegyesorrú denevér |

2. Maps

| | |
|----------------------------------|--|
| 2.1 Sensitive species | No |
| 2.2 Year or period | 2013-2018 |
| 2.3 Distribution map | Yes |
| 2.4 Distribution map Method used | Complete survey or a statistically robust estimate |
| 2.5 Additional maps | No |

3. Information related to Annex V Species (Art. 14)

| | | |
|---|---|----|
| 3.1 Is the species taken in the wild/exploited? | No | |
| 3.2 Which of the measures in Art. 14 have been taken? | a) regulations regarding access to property | No |
| | b) temporary or local prohibition of the taking of specimens in the wild and exploitation | No |
| | c) regulation of the periods and/or methods of taking specimens | No |
| | d) application of hunting and fishing rules which take account of the conservation of such populations | No |
| | e) establishment of a system of licences for taking specimens or of quotas | No |
| | f) regulation of the purchase, sale, offering for sale, keeping for sale or transport for sale of specimens | No |
| | g) breeding in captivity of animal species as well as artificial propagation of plant species | No |
| | h) other measures | No |

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3.3 Hunting bag or quantity taken in the wild for Mammals and Acipenseridae (Fish)

a) Unit

| b) Statistics/ quantity taken | Provide statistics/quantity per hunting season or per year (where season is not used) over the reporting period | | | | | |
|----------------------------------|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Season/ year 1 | Season/ year 2 | Season/ year 3 | Season/ year 4 | Season/ year 5 | Season/ year 6 |
| Min. (raw, ie. not rounded) | | | | | | |
| Max. (raw, ie. not rounded) | | | | | | |
| Unknown | No | No | No | No | No | No |

3.4. Hunting bag or quantity taken in the wild Method used

3.5. Additional information

BIOGEOGRAPHICAL LEVEL

4. Biogeographical and marine regions

4.1 Biogeographical or marine region where the species occurs

Pannonian (PAN)

4.2 Sources of information

BOLDOGH S.A. et al. 2019. "Hogy vagytok denevérek?" – Az országos monitoring program első 15 évének néhány eredménye. ("How are you bats?" Some results of the first 15 years of the national biomonitoring programme) in press

5. Range

5.1 Surface area

47706

5.2 Short-term trend Period

2007-2018

5.3 Short-term trend Direction

Decreasing (-)

5.4 Short-term trend Magnitude

a) Minimum b) Maximum

5.5 Short-term trend Method used

Based mainly on extrapolation from a limited amount of data

5.6 Long-term trend Period

5.7 Long-term trend Direction

5.8 Long-term trend Magnitude

a) Minimum b) Maximum

5.9 Long-term trend Method used

5.10 Favourable reference range

a) Area (km²)
b) Operator More than (>)
c) Unknown
d) Method

5.11 Change and reason for change in surface area of range

Genuine
Improved knowledge/more accurate data

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The change is mainly due to: Genuine change

5.12 Additional information

6. Population

| | |
|--|--|
| 6.1 Year or period | 2013-2018 |
| 6.2 Population size (in reporting unit) | a) Unit number of map 1x1 km grid cells (grids1x1) b) Minimum c) Maximum d) Best single value 145 |
| 6.3 Type of estimate | Minimum |
| 6.4 Additional population size (using population unit other than reporting unit) | a) Unit b) Minimum c) Maximum d) Best single value |
| 6.5 Type of estimate | |
| 6.6 Population size Method used | Complete survey or a statistically robust estimate |
| 6.7 Short-term trend Period | 2007-2018 |
| 6.8 Short-term trend Direction | Decreasing (-) |
| 6.9 Short-term trend Magnitude | a) Minimum b) Maximum c) Confidence interval |
| 6.10 Short-term trend Method used | Complete survey or a statistically robust estimate |
| 6.11 Long-term trend Period | |
| 6.12 Long-term trend Direction | |
| 6.13 Long-term trend Magnitude | a) Minimum b) Maximum c) Confidence interval |
| 6.14 Long-term trend Method used | |
| 6.15 Favourable reference population (using the unit in 6.2 or 6.4) | a) Population size b) Operator More than (>) c) Unknown d) Method |
| 6.16 Change and reason for change in population size | Genuine Improved knowledge/more accurate data The change is mainly due to: Genuine change |
| 6.17 Additional information | |

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7. Habitat for the species

| | | |
|---|---|-----|
| 7.1 Sufficiency of area and quality of occupied habitat | a) Are area and quality of occupied habitat sufficient (for long-term survival)? | Yes |
| | b) Is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)? | |
| 7.2 Sufficiency of area and quality of occupied habitat Method used | Based mainly on extrapolation from a limited amount of data | |
| 7.3 Short-term trend Period | 2007-2018 | |
| 7.4 Short-term trend Direction | Decreasing (-) | |
| 7.5 Short-term trend Method used | Based mainly on extrapolation from a limited amount of data | |
| 7.6 Long-term trend Period | | |
| 7.7 Long-term trend Direction | | |
| 7.8 Long-term trend Method used | | |
| 7.9 Additional information | | |

8. Main pressures and threats

8.1 Characterisation of pressures/threats

| Pressure | Ranking |
|---|---------|
| Conversion to other types of forests including monocultures (B02) | H |
| Replanting with or introducing non-native or non-typical species (including new species and GMOs) (B03) | H |
| Residential or recreational activities and structures generating noise, light, heat or other forms of pollution (F24) | H |
| Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01) | M |
| Desynchronisation of biological / ecological processes due to climate change (N06) | M |
| Conversion into agricultural land (excluding drainage and burning) (A01) | M |
| Conversion from one type of agricultural land use to another (excluding drainage and burning) (A02) | M |
| Removal of small landscape features for agricultural land parcel consolidation (hedges, stone walls, rushes, open ditches, springs, solitary trees, etc.) (A05) | H |
| Abandonment of grassland management (e.g. cessation of grazing or mowing) (A06) | M |
| Use of plant protection chemicals in agriculture (A21) | H |
| Threat | Ranking |
| Use of plant protection chemicals in agriculture (A21) | H |
| Conversion to other types of forests including monocultures (B02) | H |

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| | |
|---|---|
| Replanting with or introducing non-native or non-typical species (including new species and GMOs) (B03) | M |
| Residential or recreational activities and structures generating noise, light, heat or other forms of pollution (F24) | H |
| Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01) | H |
| Desynchronisation of biological / ecological processes due to climate change (N06) | H |
| Conversion into agricultural land (excluding drainage and burning) (A01) | M |
| Conversion from one type of agricultural land use to another (excluding drainage and burning) (A02) | M |
| Removal of small landscape features for agricultural land parcel consolidation (hedges, stone walls, rushes, open ditches, springs, solitary trees, etc.) (A05) | M |
| Abandonment of grassland management (e.g. cessation of grazing or mowing) (A06) | M |

8.2 Sources of information

8.3 Additional information

9. Conservation measures

9.1 Status of measures

| | |
|------------------------------------|---|
| a) Are measures needed? | Yes |
| b) Indicate the status of measures | Measures identified, but none yet taken |

9.2 Main purpose of the measures taken

9.3 Location of the measures taken

9.4 Response to the measures

Medium-term results (within the next two reporting periods, 2019-2030)

9.5 List of main conservation measures

| |
|--|
| Prevent conversion of natural and semi-natural habitats, and habitats of species into agricultural land (CA01) |
| Adapt/manage reforestation and forest regeneration (CB04) |
| Adapt mowing, grazing and other equivalent agricultural activities (CA05) |
| Combat illegal logging (CB07) |
| Reduce impact of outdoor sports, leisure and recreational activities (CF03) |
| Reduce/eliminate noise, light, heat or other forms pollution from industrial, commercial, residential and recreational areas and activities (CF09) |
| Other measures related to residential, commercial, industrial and recreational infrastructures, operations and activities (CF12) |
| Reduce impact of other specific human actions (CH03) |
| Implement climate change adaptation measures (CN02) |

9.6 Additional information

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10. Future prospects

| | | |
|-------------------------------------|---------------------------|------|
| 10.1 Future prospects of parameters | a) Range | Poor |
| | b) Population | Poor |
| | c) Habitat of the species | Poor |

10.2 Additional information

11. Conclusions

| | |
|---|---|
| 11.1. Range | Unfavourable - Inadequate (U1) |
| 11.2. Population | Unfavourable - Inadequate (U1) |
| 11.3. Habitat for the species | Unfavourable - Inadequate (U1) |
| 11.4. Future prospects | Unfavourable - Inadequate (U1) |
| 11.5 Overall assessment of Conservation Status | Unfavourable - Inadequate (U1) |
| 11.6 Overall trend in Conservation Status | Deteriorating (-) |
| 11.7 Change and reasons for change in conservation status and conservation status trend | a) Overall assessment of conservation status No change The change is mainly due to: b) Overall trend in conservation status No change The change is mainly due to: |
| 11.8 Additional information | |

12. Natura 2000 (pSCIs, SCIs and SACs) coverage for Annex II species

| | | |
|---|--|--|
| 12.1 Population size inside the pSCIs, SCIs and SACs network (on the biogeographical/marine level including all sites where the species is present) | a) Unit | number of map 1x1 km grid cells (grids1x1) |
| | b) Minimum | |
| | c) Maximum | |
| | d) Best single value | 112 |
| 12.2 Type of estimate | Minimum | |
| 12.3 Population size inside the network Method used | Complete survey or a statistically robust estimate | |
| 12.4 Short-term trend of population size within the network Direction | Decreasing (-) | |
| 12.5 Short-term trend of population size within the network Method used | Complete survey or a statistically robust estimate | |
| 12.6 Additional information | | |

13. Complementary information

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13.1 Justification of % thresholds for trends

13.2 Trans-boundary assessment

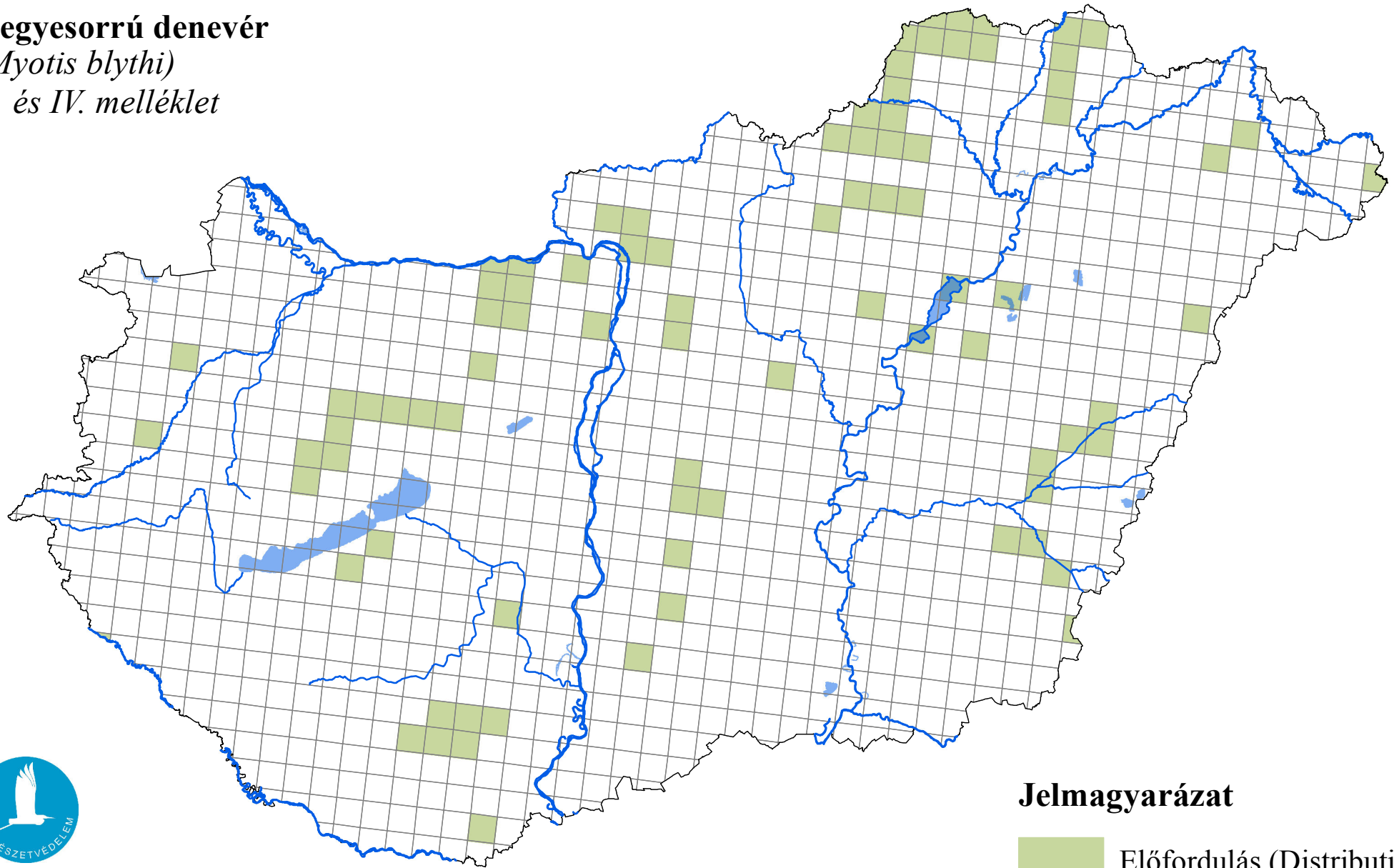
13.3 Other relevant Information

Az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentés 2019

Hegyesorrú denevér


(*Myotis blythi*)

II. és IV. melléklet



Forrás: Agrárminisztérium,
Természetmegőrzési Főosztály

Jelmagyarázat

 Előfordulás (Distribution)

0 25 50 Kilometers
