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	**1323**
1.3 Species scientific name	**Myotis bechsteinii**
1.4 Alternative species scientific name	
1.5 Common name (in national language)	nagyfülű 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	Based mainly on extrapolation from a limited amount of data
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

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	35643
5.2 Short-term trend Period	2007-2018
5.3 Short-term trend Direction	Uncertain (u)
5.4 Short-term trend Magnitude	a) Minimum b) Maximum
5.5 Short-term trend Method used	Based mainly on expert opinion with very limited 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 Approximately equal to (≈)
	c) Unknown
	d) Method
5.11 Change and reason for change in surface area of range	Improved knowledge/more accurate data
	The change is mainly due to: Improved knowledge/more accurate data

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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	235

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	Based mainly on expert opinion with very limited data
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	Based mainly on expert opinion with very limited data
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	Use of different method
	The change is mainly due to: Use of different method

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)?	Unknown
	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 expert opinion with very limited 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)	M
Logging (excluding clear cutting) of individual trees (B06)	H
Removal of dead and dying trees, including debris (B07)	H
Removal of old trees (excluding dead or dying trees) (B08)	M
Clear-cutting, removal of all trees (B09)	H
Forest management reducing old growth forests (B15)	H
Use of plant protection chemicals in forestry (B20)	M
Change of habitat location, size, and / or quality due to climate change (N05)	M
Desynchronisation of biological / ecological processes due to climate change (N06)	M

Threat	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)	M
Logging (excluding clear cutting) of individual trees (B06)	M
Removal of dead and dying trees, including debris (B07)	H
Removal of old trees (excluding dead or dying trees) (B08)	M

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Clear-cutting, removal of all trees (B09)	M
Forest management reducing old growth forests (B15)	H
Use of plant protection chemicals in forestry (B20)	M
Change of habitat location, size, and / or quality due to climate change (N05)	H
Desynchronisation of biological / ecological processes due to climate change (N06)	H

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 (semi-) natural habitats into forests and of (semi-)natural forests into intensive forest plantation (CB01)
Maintain existing traditional forest management and exploitation practices (CB02)
Reinstate forest management and exploitation practices (CB03)
Adapt/manage reforestation and forest regeneration (CB04)
Adapt/change forest management and exploitation practices (CB05)
Stop forest management and exploitation practices (CB06)
Combat illegal logging (CB07)
Restoration of Annex I forest habitats (CB08)
Manage the use of chemicals for fertilisation, liming and pest control in forestry (CB09)
Improvement of habitat of species from the directives (CS03)

9.6 Additional information

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

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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

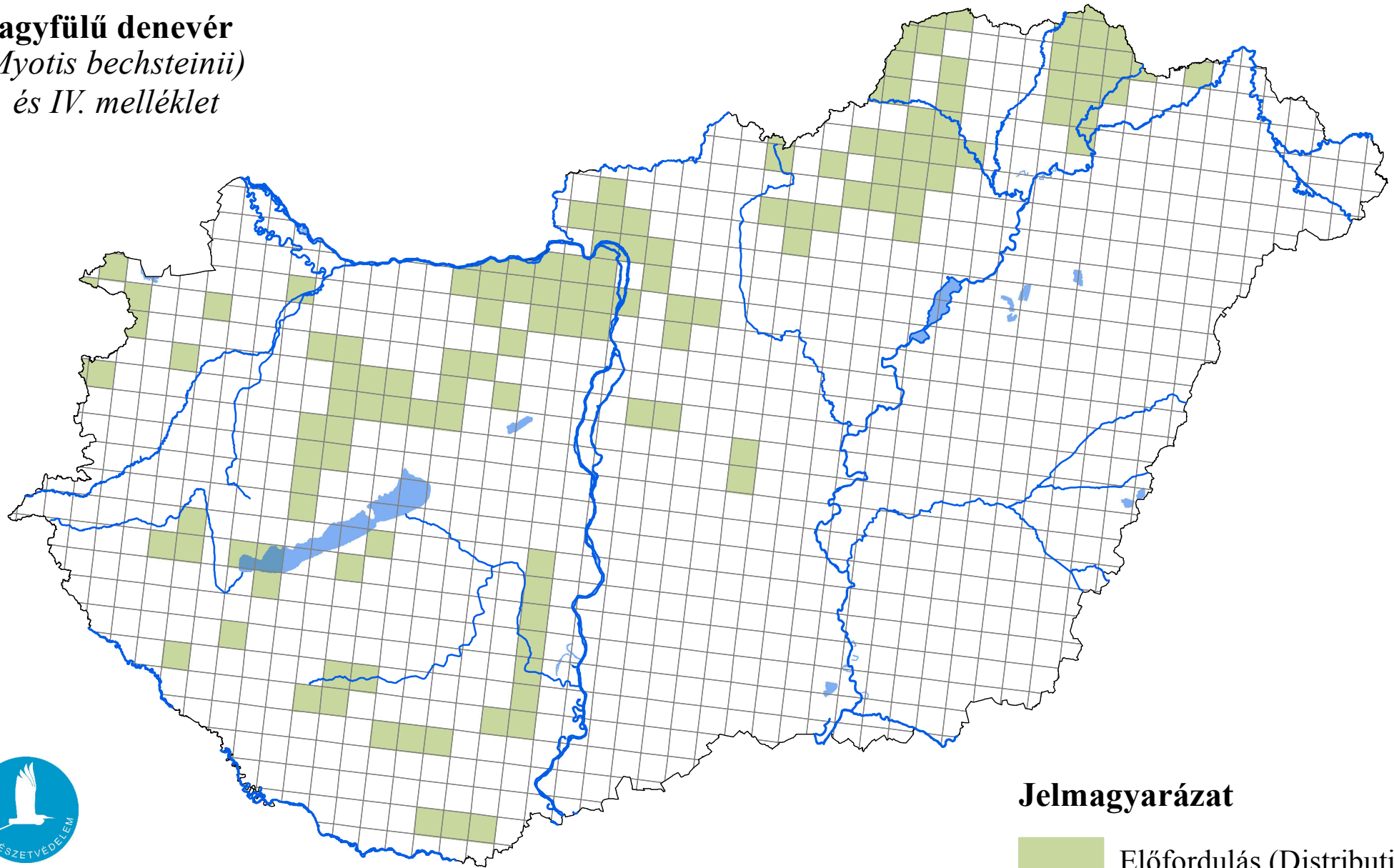|		
12.1 Population size inside the pSCIs, SCIs and SACs network (on the biogeographical/marine level including all sites where the species is present)	a) Unit	number of map 1x1 km grid cells (grids1x1)
	b) Minimum	
	c) Maximum	
	d) Best single value	225
12.2 Type of estimate	Minimum	
12.3 Population size inside the network Method used	Based mainly on expert opinion with very limited data	
12.4 Short-term trend of population size within the network Direction	Uncertain (u)	
12.5 Short-term trend of population size within the network Method used	Based mainly on expert opinion with very limited data	
12.6 Additional information		

13. Complementary information

13.1 Justification of % thresholds for trends	
13.2 Trans-boundary assessment	
13.3 Other relevant Information	

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Az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentés 2019

Nagyfülű denevér
(Myotis bechsteinii)
II. és IV. melléklet

Jelmagyarázat

Előfordulás (Distribution)

0   25   50 Kilometers