

# 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	1318
1.3 Species scientific name	<i>Myotis dasycneme</i>
1.4 Alternative species scientific name	
1.5 Common name (in national language)	tavi denevér

### 2. Maps

2.1 Sensitive species	Yes
2.2 Year or period	2013-2018
2.3 Distribution map	Yes
2.4 Distribution map Method used	Based mainly on expert opinion with very limited 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

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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

52166

5.2 Short-term trend Period

2007-2018

5.3 Short-term trend Direction

Stable (0)

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 (km<sup>2</sup>)  
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  
Use of different method

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The change is mainly due to: Use of different method

## 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 169
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	Uncertain (u)
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 Approximately equal to (≈) 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)?	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 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
Use of plant protection chemicals in agriculture (A21)	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
Clear-cutting, removal of all trees (B09)	M
Forest management reducing old growth forests (B15)	H
Land, water and air transport activities generating noise, light and other forms of pollution (E08)	H
Sports, tourism and leisure activities (F07)	H
Discharge of urban waste water (excluding storm overflows and/or urban run-offs) generating pollution to surface or ground water (F12)	M
Threat	Ranking
Use of plant protection chemicals in agriculture (A21)	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)	M
Removal of old trees (excluding dead or dying trees) (B08)	M
Clear-cutting, removal of all trees (B09)	M

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Forest management reducing old growth forests (B15) H

Land, water and air transport activities generating noise, light and other forms of pollution (E08) H

Sports, tourism and leisure activities (F07) H

Discharge of urban waste water (excluding storm overflows and/or urban run-offs) generating pollution to surface or ground water (F12) 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

Short-term results (within the current reporting period, 2013-2018)

9.5 List of main conservation measures

Combat illegal logging (CB07)

Restoration of Annex I forest habitats (CB08)

Reduce impact of outdoor sports, leisure and recreational activities (CF03)

Other measures related to residential, commercial, industrial and recreational infrastructures, operations and activities (CF12)

Reduce impact of other specific human actions (CH03)

Improvement of habitat of species from the directives (CS03)

9.6 Additional information

## 10. Future prospects

10.1 Future prospects of parameters

a) Range Good

b) Population Poor

c) Habitat of the species Poor

10.2 Additional information

## 11. Conclusions

11.1. Range

Favourable (FV)

11.2. Population

Unfavourable - Inadequate (U1)

11.3. Habitat for the species

Unfavourable - Inadequate (U1)

11.4. Future prospects

Unfavourable - Inadequate (U1)

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11.5 Overall assessment of Conservation Status	Unfavourable - Inadequate (U1)
11.6 Overall trend in Conservation Status	Unknown (x)
11.7 Change and reasons for change in conservation status and conservation status trend	<p>a) Overall assessment of conservation status</p> <p>No change</p> <p>The change is mainly due to:</p> <p>b) Overall trend in conservation status</p> <p>Use of different method</p> <p>The change is mainly due to: Use of different method</p>
11.8 Additional information	Real Overall trend in Conservation Status is deteriorating but it does not fit to the matrix (decreasing habitat has stronger weight than stabil trend of range)

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

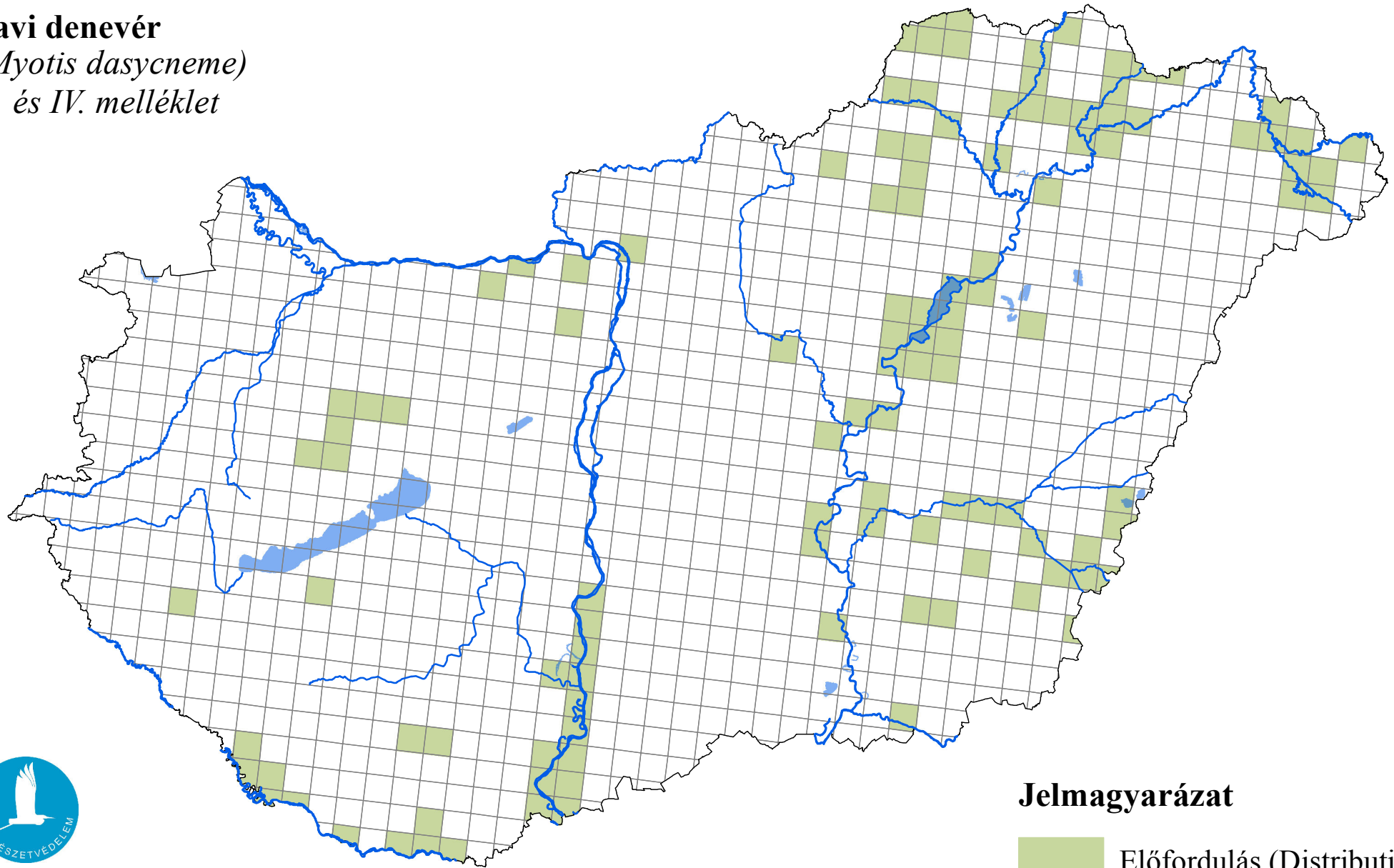
12.1 Population size inside the pSCIs, SCIs and SACs network (on the biogeographical/marine level including all sites where the species is present)	<p>a) Unit number of map 1x1 km grid cells (grids1x1)</p> <p>b) Minimum</p> <p>c) Maximum</p> <p>d) Best single value 159</p>
12.2 Type of estimate	Minimum
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	Unknown (x)
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

# Az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentés 2019

**Tavi denevér**  
(*Myotis dasycneme*)  
II. és IV. melléklet



Forrás: Agrárminisztérium,  
Természetmegőrzési Főosztály

## Jelmagyarázat

