

REPORT ON THE 'MAIN RESULTS OF THE SURVEILLANCE UNDER ARTICLE 17' FOR ANNEX II, IV AND V SPECIES OF DIRECTIVE 92/43/EEC

NATIONAL LEVEL

1. GENERAL INFORMATION

1.1 Member State	HU
1.2 Species code	1314
1.3 Species scientific name	<i>Myotis daubentonii</i>
1.4 Alternative species scientific name (Optional)	
1.5 Common name (Optional)	vízi denevér

2. MAPS

Distribution of the species within the Member State concerned.

2.1 Sensitive species	No
2.2 Year or period	2019–2024
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 (Optional)	–
2.6 Additional information (Optional)	–

3. INFORMATION RELATED TO ANNEX V SPECIES (ART. 14 OF DIRECTIVE 92/43/EEC)

3.1 Is the species taken in the wild/exploited?	No	
3.2 Are measures needed for the species (only for species in favourable conservation status)?	No	
3.3 Which of the measures in Art. 14 have been taken?	a) regulations regarding access to property	–
	b) temporary or local prohibition of the taking of specimens in the wild and exploitation	–
	c) regulation of the periods and/or methods of taking specimens	–

	d) application of hunting and fishing rules which take account of the conservation of such populations	–					
	e) establishment of a system of licences for taking specimens or of quotas	–					
	f) regulation of the purchase, sale, offering for sale, keeping for sale or transport for sale of specimens	–					
	g) breeding in captivity of animal species as well as artificial propagation of plant species	–					
	h) other measures, if yes, describe	–					
3.4 Hunting bag or quantity taken in the wild regardless of conservation status - for Mammals and Acipenseridae (Fish)	a) Unit	–					
	b) Statistics/ quantity taken	<i>Provide statistics/quantity taken per hunting season or per year (where season is not used) over the reporting period</i>					
		Season/ year 1	Season/ year 2	Season/ year 3	Season/ year 4	Season/ year 5	Season/ year 6
	Min. (raw, i.e. not rounded)						
	Max. (raw, i.e. not rounded)						
	Unknown	–	–	–	–	–	–
3.5 Hunting bag or quantity taken in the wild Method used	–						
3.6 Additional information (Optional)	–						

BIOGEOGRAPHICAL LEVEL

Complete for each biogeographical region or marine region concerned.

4. BIOGEOGRAPHICAL AND MARINE REGIONS

4.1 Biogeographical or marine region where the species occurs	Pannonian
4.2 First time reporting	No
4.3 Additional information	–

4.4 Sources of information

Boldogh S.A.; Estók P.; Hegyi Z.; Dobrosi D.; Görföl T.; Bihari Z.; Dombi I.; Gombkötő P.; Paulovics P.; Mészáros J.; Máté B.; Bereczky A.; Szatyor M.; Géczi I. 2019. "Hogy vagytok denevérek?" – Az országos monitoring program első 15 évének néhány eredménye. Pp. 97-122. In: Váczi, O.; Varga, I. & Bakó, B. (szerk.): A Nemzeti Biodiverzitás-monitorozó Rendszer eredményei II. – Gerinces állatok. Körös-Maros Nemzeti Park Igazgatóság, Szarvas. Boldogh S.A. 2023: A Nemzeti Biodiverzitás-monitorozó Rendszer (NBmR) Denevérmonitorozó Programjának országos koordinációja, az eredmények értékelése (2023). Duna-Ipoly Nemzeti Park Igazgatóság, Budapest. 22 pp. (szakmai jelentés) Boldogh S.A. 2024: A Nemzeti Biodiverzitás-monitorozó Rendszer (NBmR) Denevérmonitorozó Programjának országos koordinációja, az eredmények értékelése (2024). Duna-Ipoly Nemzeti Park Igazgatóság, Budapest. 24 pp. (kézirat) Dobrosi D. 2021. Erdei denevérek felmérése a Hármas-Körös, Berettyó és Hortobágy-Berettyó menti erdők, továbbá a Rajta-erdő egyes erdőrészein. Kutatási jelentés. Körös-Maros NPI, Szarvas. Dobrosi D. 2023. Erdei denevérek felmérése a KMNP Kis-Sárrét, valamint a KMNP Bélmegyeri Fás-pusztai területi egységeken. Kutatási jelentés. Körös-Maros NPI, Szarvas. Dobrosi D. 2019. Erdei denevérek felmérése az Alsó-Tisza hullámtér kiemelt jelentőségű természetmegőrzési terület (HUKN20031) és a T-erdő különleges természetmegőrzési terület Dobrosi D. 2020. Erdei denevérek felmérése Derekegyház, Szentés és Nagytőke egyes erdőrészein Estók Péter (2020): Erdőlakó denevéreközösségek vizsgálata a Szigetközben . Kutatási jelentés. 20p. Estók Péter (2021): Erdei denevéreközösségek vizsgálata az FHNPI területén . Kutatási jelentés. 22p. Kurali, A. & Kugler, P. (2023): Erdei denevéreközösségek vizsgálata az FHNPI működési területén. Kutatási jelentés. 46p. Nemzetipark-igazgatóságok NBmR-jeleltésai 2019-2024.

5. RANGE

Range within the biogeographical/marine region concerned.

5.1 Surface area (km²)

64497

5.2 Change and reason for change in surface area of range and main reason

Is there a change between reporting periods?
yes, due to improved knowledge/more accurate data

The change is mainly due to:
improved knowledge or more accurate data

5.3 Short-term trend Period

2013–2024

5.4 Short-term trend Direction

uncertain

5.5 Short-term trend Magnitude (Optional)

a) Estimated Minimum

–

b) Estimated Maximum

–

c) Pre-defined range

–

d) Unknown

–

5.6. Short-term trend Magnitude Type of estimate (Optional)	–	
5.7 Short-term trend Method used	Based mainly on extrapolation from a limited amount of data	
5.8 Long-term trend Period (Optional)	–	
5.9 Long-term trend Direction (Optional)	–	
5.10 Long-term trend Magnitude (Optional)	a) Minimum	–
	b) Maximum	–
5.11 Long-term trend Method used (Optional)	–	
5.12 Favourable reference range	a) –	
	b) <i>if a precise favourable reference range is unknown indicate if the range is:</i> between 2% and 10% smaller than the FRR	
	c) –	
	d) <i>Indicate method used to set reference value (multiple methods can be chosen)</i>	<i>Indicate the quality of information available:</i>
	Reference-based approach	Moderate
Expert opinion		
5.13 Range when Directive came into force (Optional)	–	
5.14 Additional information (Optional)	–	

6. POPULATION

Population within the biogeographical/marine region concerned.

6.1 Year or period	2019–2024	
6.2 Population size (<i>in reporting unit</i>)	a) Unit	number of individuals
	b) Minimum	60000
	c) Maximum	180000
	d) Best single value	–
	e) Class	
6.3 Type of estimate	Best estimate	
6.4 Quality of extrapolation to reporting unit (Optional)	–	
6.5 Additional population size (using population unit other than reporting unit)	a) Unit	–
	b) Minimum	–

(Optional)	c) Maximum	–
	d) Best single value	–
6.6 Type of estimate (Optional)	–	
6.7 Population size Method used	Based mainly on extrapolation from a limited amount of data	
6.8 Change and reason for change in population size and main reason	Is there a change between reporting periods?	
	yes, due to improved knowledge/more accurate data	
	yes, due to the use of different method	
	The change is mainly due to: the use of a different method	
6.9 Short-term trend Period	2013–2024	
6.10 Short-term trend Direction	uncertain	
6.11 Short-term trend Magnitude	a) Estimated Minimum	–
	b) Estimated Maximum	–
	c) Pre-defined range	–
	d) Unknown	Unknown
6.12 Short-term trend Magnitude Type of estimate	Best estimate	
6.13 Short-term trend Method used	Based mainly on extrapolation from a limited amount of data	
6.14 Long-term trend Period (Optional)	–	
6.15 Long-term trend Direction (Optional)	–	
6.16 Long-term trend Magnitude (Optional)	a) Minimum	–
	b) Maximum	–
	c) Confidence interval	–
6.17 Long-term trend Method used (Optional)	–	
6.18 Favourable reference population	<i>a) Population size (with unit):</i>	

	<i>b) if a precise favourable reference population is unknown indicate if the population is:</i> between 5% and 25% smaller than the FRP	
	<i>c) Indicate if favourable reference population is unknown:</i> –	
	<i>d) Indicate method used to set reference value (multiple methods can be chosen)</i>	<i>Indicate the quality of information available:</i>
	Reference-based approach	Moderate
	Expert opinion	
6.19 Population size when Directive came into force (Optional)	–	
6.20 Additional Information (Optional)		

7. HABITAT FOR THE SPECIES

7.1 Sufficiency of area and quality of occupied habitat	a) Is area of occupied habitat sufficient (for long-term survival)? Yes b) Is quality of occupied habitat sufficient (for long-term survival)? No c) If NO to a) 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	Area of habitat: Based mainly on extrapolation from a limited amount of data	Quality of habitat: Based mainly on extrapolation from a limited amount of data
7.3 Short-term trend Period	2013–2024	
7.4 Short-term trend Direction	decreasing	
7.5 Short-term trend Method used	Based mainly on expert opinion with very limited data	
7.6 Long-term trend Period (Optional)	–	
7.7 Long-term trend Direction (Optional)	–	
7.8 Long-term trend Method used (Optional)	–	

7.9 Additional information
(Optional)

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8. MAIN PRESSURES AND THREATS

8.1 Characterisation of pressures

Pressure	Timing	Scope (proportion of population affected)	Influence (on population or habitat of the species)	Invasive alien species of Union concern	Other invasive alien species
PA17 Agriculture - Agricultural activities generating pollution to surface or ground waters	ongoing and likely to be in the future	majority 50 – 90%	High influence		
PA14 Agriculture - Use of plant protection chemicals	ongoing and likely to be in the future	majority 50 – 90%	High influence		
PA15 Agriculture - Use of other pest control methods in agriculture (excl. tillage)	ongoing and likely to be in the future	minority <50%	Low influence		
PA21 Agriculture - Active abstraction of water for agriculture	ongoing and likely to be in the future	minority <50%	Medium influence		
PB02 Forestry - Conversion from one type of forestry land use to another	ongoing and likely to be in the future	majority 50 – 90%	Medium influence		
PB03 Forestry - Introduction and spread of new species for forestry purposes	ongoing and likely to be in the future	majority 50 – 90%	Medium influence		
PB06 Forestry - Logging or thinning (excl. clear cutting)	ongoing and likely to be in the future	majority 50 – 90%	Medium influence		
PB07 Forestry - Removal of dead and dying trees (incl. debris)	ongoing and likely to be in the future	majority 50 – 90%	Medium influence		
PB08 Forestry - Removal of old trees (excl. dead or dying trees)	ongoing and likely to be in the future	majority 50 – 90%	Medium influence		
PB09 Forestry - Clear- cutting, removal of all trees	ongoing and likely to be in the future	majority 50 – 90%	High influence		
PB14 Forestry - Forest management reducing old growth forests	ongoing and likely to be in the future	majority 50 – 90%	High influence		

PE08 Transport - Land, water and air transport activities generating noise, light and other forms of pollution	ongoing and likely to be in the future	majority 50 – 90%	High influence		
PF05 Infrastructure - Sports, tourism and leisure activities	ongoing and likely to be in the future	minority <50%	Low influence		
PF07 Infrastructure - Residential and commercial activities and structures generating pollution to surface or ground waters	ongoing and likely to be in the future	majority 50 – 90%	High influence		
PF12 Infrastructure - Residential, commercial and industrial activities and structures generating noise, light, heat or other forms of pollution	ongoing and likely to be in the future	majority 50 – 90%	Medium influence		
PF08 Infrastructure - Industrial activities and structures generating pollution to surface or ground waters	ongoing and likely to be in the future	majority 50 – 90%	High influence		
PF14 Infrastructure - Modification of flooding regimes, flood protection for built-up areas	ongoing and likely to be in the future	majority 50 – 90%	High influence		
PJ01 Climate change - Temperature changes and extremes	ongoing and likely to be in the future	majority 50 – 90%	High influence		
PJ10 Climate change - Change of habitat location, size and/or quality	ongoing and likely to be in the future	whole >90%	High influence		
PJ11 Climate change - Desynchronisation of biological/ecological processes	ongoing and likely to be in the future	whole >90%	High influence		
8.2 Methods used (Optional)	—				
8.3 Sources of information (Optional)	—				
8.4 Additional information (Optional)	—				

9. CONSERVATION MEASURES

9.1 Status of measures	<p>Are measures needed?</p> <p>Yes</p> <p>Status of measures:</p> <p>Measures identified, but none yet taken</p>
9.2 Scope of measures taken	–
9.3 Main purpose of the measures taken	–
9.4 Location of the measures taken	–
9.5 Response to the measures <i>(when the measures start to neutralize the pressure(s) and produce positive effects)</i>	–
9.6 List of main conservation measures	<p>MA01 – Prevent conversion of natural and semi-natural habitats, and habitats of species into agricultural land</p> <p>MA03 – Maintain existing extensive agricultural practices and agricultural landscape features</p> <p>MA13 – Manage agricultural drainage and water abstraction (incl. the restoration of drained or hydrologically altered habitats)</p> <p>MB01 – Prevent conversion of (semi-) natural habitats into forests and of (semi-) natural forests into intensive forest plantation</p> <p>MB02 – Maintain existing traditional forest management and exploitation practices</p> <p>MB03 – Reinstate forest management and exploitation practices</p> <p>MB04 – Adapt/manage reforestation and forest regeneration</p> <p>MB05 – Adapt/change forest management and exploitation practices</p> <p>MB06 – Stop forest management and exploitation practices</p> <p>MB07 – Measures to combat illegal logging</p> <p>MB09 – Manage the use of natural and synthetic fertilisers, liming and pest control in forestry</p> <p>MF02 – Habitat restoration of areas impacted by residential, commercial, industrial and recreational infrastructure, operations and activities</p> <p>MF03 – Reduce impact of outdoor sports, leisure and recreational activities (incl. restoration of habitats)</p> <p>MF07 – Reduce/eliminate pollution (incl. noise, light, heat, soil pollution) from industrial, commercial, residential and recreational areas and activities</p> <p>MF08 – Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).</p> <p>MF10 – Other measures related to residential, commercial, industrial and recreational infrastructures, operations and activities</p> <p>MJ01 – Implement climate change mitigation measures</p> <p>MJ02 – Implement climate change adaptation measures</p> <p>MS03 – Restoration of habitat of species from the directives</p>

9.7 Additional information (Optional)	–
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10. FUTURE PROSPECTS

10.1 Future prospects of parameters	a) Range	Good
	b) Population	Good
	c) Habitat of the species	Good
10.2 Additional information (Optional)	–	

11. CONCLUSIONS

Assessment of conservation status at end of reporting period

11.1 Range	Inadequate (U1)	
11.2 Population	Inadequate (U1)	
11.3 Habitat for the species	Inadequate (U1)	
11.4 Future prospects	Inadequate (U1)	
11.5 Overall assessment of Conservation Status	Inadequate (U1)	
11.6 Overall trend in Conservation Status	deteriorating	
11.7 Change and reasons for change in conservation status and conservation status trend	Overall assessment of conservation status (11.5)	
	<i>Indicate whether there is a change from the previous reporting round and (if yes) the nature of that change.</i>	no, there is no difference
	<i>The change is mainly due to:</i>	
	Overall trend in conservation status (11.6)	
	<i>Indicate whether there is a change from the previous reporting round and (if yes) the nature of that change.</i>	yes, due to improved knowledge/more accurate data
	<i>The change is mainly due to:</i>	improved knowledge or more accurate data
11.8 Additional information (Optional)	–	

12. NATURA 2000 (PROPOSED SITES OF COMMUNITY IMPORTANCE (PSCIs), SITES OF COMMUNITY IMPORTANCE (SCIs) AND SPECIAL AREAS OF CONSERVATION (SACs) COVERAGE FOR ANNEX II SPECIES OF DIRECTIVE 92/43/EEC

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	–
	b) Minimum	–
	c) Maximum	–
	d) Best single value	–
12.2 Type of estimate	–	
12.3 Additional population size (using population unit other than reporting unit in field 6.2) (Optional)	a) Unit	–
	b) Minimum	–
	c) Maximum	–
	d) Best single value	–
12.4 Type of estimate (Optional)	–	
12.5 Population size inside the network Method used	–	
12.6 Short-term trend of population size within the network Direction	–	
12.7 Short-term trend of population size within the network Method used	–	
12.8 Short-term trend of habitat for the species within the network Direction	–	
12.9 Short-term trend of habitat for the species within the network Method used	–	
12.10 Additional information (Optional)	–	

13. COMPLEMENTARY INFORMATION

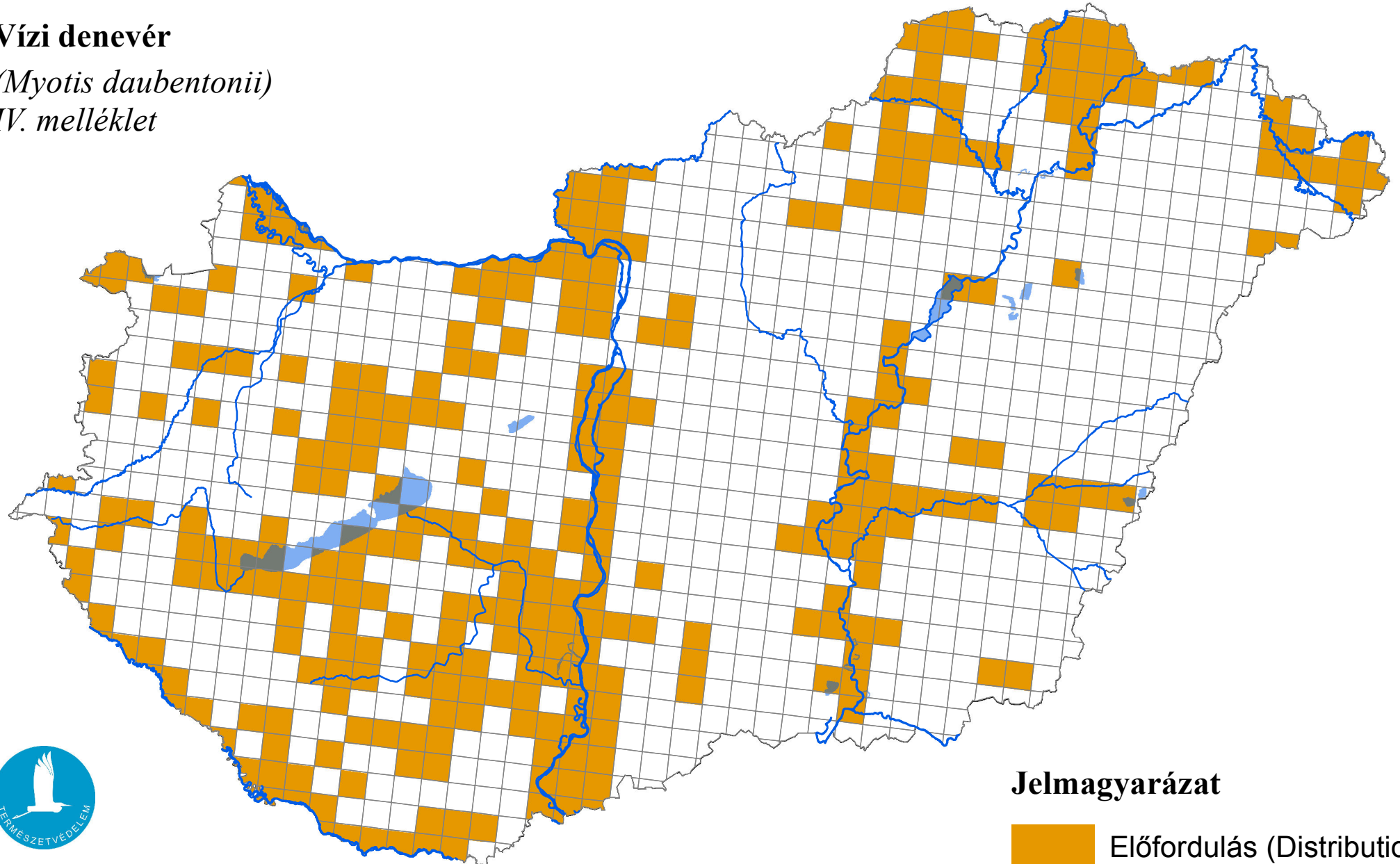
13.1 Justification of % thresholds for trends	–
13.2 Trans-boundary assessment	–
13.3 Other relevant information	–

Az élőhelyvédelmi irányelv 17. cikke szerinti országjelentés, 2025

Vízi denevér

(*Myotis daubentonii*)

IV. melléklet



Forrás: Agrárminisztérium,
Természetmegőrzési Főosztály

Jelmagyarázat

 Előfordulás (Distribution)

0 25 50 Kilometers
