

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	1335
1.3 Species scientific name	<i>Spermophilus citellus</i>
1.4 Alternative species scientific name (Optional)	
1.5 Common name (Optional)	(Európai) Ürge

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	Complete survey or a statistically robust estimate
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	Váczi, O., 2019. Distribution and monitoring of European Ground Squirrel in Hungary. In Váczi, O., Varga, I. & Bakó, B. (Eds.) 2019. A Nemzeti Biodiverzitás-monitorozó Rendszer Eredményei II. – Gerinces Állatok. Körös-Maros Nemzeti Park Igazgatóság, Szarvas. [in Hungarian with English summary] Tamás Cserkész, Olivér Váczi, Tünde Takáts, Piroška Pazonyi, Gábor Mikešy, Eric C. Brevik, Lajos Nagy, András István Csathó, Attila Németh, Tamás Szitta, Csaba Kiss, Annamária Laborczi, János Mészáros, Csongor Gedeon (2025): Past and present existence of <i>Spermophilus citellus</i> in Hungary with a forecast of its population using time series models. Journal for Nature Conservation, 84: 126836. https://doi.org/10.1016/j.jnc.2025.126836 . Monitoring reports (2019-2024) of Hungarian Biodiversity Monitoring System

5. RANGE

Range within the biogeographical/marine region concerned.

5.1 Surface area (km ²)	25668	
5.2 Change and reason for change in surface area of range and main reason	<p>Is there a change between reporting periods?</p> <p>yes, due to genuine change</p> <p>yes, due to improved knowledge/more accurate data</p> <p>yes, due to the use of different method</p> <p>The change is mainly due to:</p> <p>improved knowledge or more accurate data</p>	
5.3 Short-term trend Period	2013–2024	
5.4 Short-term trend Direction	decreasing	
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	Complete survey or a statistically robust estimate	
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 51% and 100% 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 (in reporting unit)	a) Unit	number of individuals
	b) Minimum	–
	c) Maximum	–
	d) Best single value	–
	e) Class	100 000-500 000
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) (Optional)	a) Unit	–
	b) Minimum	–
	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 genuine change yes, due to improved knowledge/more accurate data yes, due to the use of different method	
	The change is mainly due to: genuine change	
6.9 Short-term trend Period	2013–2024	
6.10 Short-term trend Direction	decreasing	
6.11 Short-term trend Magnitude	a) Estimated Minimum	–
	b) Estimated Maximum	–

	c) Pre-defined range	-12 – 0%
	d) 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: between 51% and 100% smaller than the FRP</i>	
	<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	<p>a) Is area of occupied habitat sufficient (for long-term survival)? No</p> <p>b) Is quality of occupied habitat sufficient (for long-term survival)? Yes</p> <p>c) If NO to a) is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)? Yes</p>	
7.2 Sufficiency of area and quality of occupied habitat Method used	<p>Area of habitat: Based mainly on extrapolation from a limited amount of data</p>	<p>Quality of habitat: Based mainly on extrapolation from a limited amount of data</p>
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 extrapolation from a limited amount of 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)	–	

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
PA05 Agriculture - Abandonment of management/use of grasslands and other agricultural and agroforestry systems	ongoing and likely to be in the future	whole >90%	High influence		
PA02 Agriculture - Conversion from one type of agricultural land use to another	ongoing and likely to be in the future	majority 50 – 90%	High influence		
PA08 Agriculture - Extensive grazing or undergrazing by livestock	ongoing and likely to be in the future	whole >90%	High influence		

PF01 Infrastructure - Conversion from other land uses to built-up areas	ongoing and likely to be in the future	majority 50 – 90%	High influence		
PF02 Infrastructure - Infrastructure or modification in existing built-up areas	ongoing and likely to be in the future	minority <50%	High influence		
PD03 Energy - Solar power (incl. Infrastructure)	ongoing and likely to be in the future	minority <50%	Medium influence		
PM02 Natural - Flooding	ongoing and likely to be in the future	minority <50%	Medium influence		
PA14 Agriculture - Use of plant protection chemicals	ongoing and likely to be in the future	majority 50 – 90%	Medium influence		
PI03 Problematic species - Problematic native species	ongoing and likely to be in the future	majority 50 – 90%	High influence		
PI01 Problematic species - Invasive alien species of Union concern	ongoing and likely to be in the future	majority 50 – 90%	Medium influence	<i>Ailanthus altissima Asclepias syriaca Nyctereutes procyonoides</i>	
PI02 Problematic species - Other invasive alien species (other than species of Union concern)	ongoing and likely to be in the future	majority 50 – 90%	Medium influence		<i>Robinia pseudoacacia Solidago gigantea Eleagnus angustifolia Amorpha fruticosa</i>
PE01 Transport - Roads, paths, railroads and related infrastructure	ongoing and likely to be in the future	minority <50%	Medium influence		
PX03 Unknown - Unknown pressures or threats	ongoing and likely to be in the future	minority <50%	Medium influence		
PB01 Forestry - Conversion to forest from other land uses, or afforestation	ongoing and likely to be in the future	minority <50%	Medium influence		
PC03 Extraction - Extraction of oil and gas (incl. Infrastructure)	ongoing and likely to be in the future	minority <50%	Medium influence		
PF06 Infrastructure - Deposition and treatment of waste/rubbish from built-up areas	ongoing and likely to be in the future	minority <50%	Medium influence		
PG11 Species exploitation - Illegal shooting/killing	ongoing and likely to be in the future	minority <50%	Medium influence		

PJ03 Climate change - Changes in precipitation regimes	ongoing and likely to be in the future	minority <50%	Medium influence		
PM07 Natural - Natural processes without direct or indirect influence from human activities or climate change	ongoing and likely to be in the future	majority 50 – 90%	High influence		
PJ11 Climate change - Desynchronisation of biological/ecological processes	ongoing and likely to be in the future	whole >90%	Medium 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>Part of measures identified have been taken</p>
9.2 Scope of measures taken	50–90%
9.3 Main purpose of the measures taken	<p>A. Indicate the main purpose(s) of measures taken:</p> <p>Maintain the current range, population and/or habitat for the species Expand the current range of the species (related to 'Range') Restore the habitat of the species (related to 'Habitat for the species')</p> <p>B. The main (primary) purpose:</p> <p>Maintain current state</p>
9.4 Location of the measures taken	Both inside and outside Natura 2000
9.5 Response to the measures <i>(when the measures start to neutralize the pressure(s) and produce positive effects)</i>	Short-term response (within the current reporting period, 2019–2024)

9.6 List of main conservation measures	MA01 – Prevent conversion of natural and semi-natural habitats, and habitats of species into agricultural land MA03 – Maintain existing extensive agricultural practices and agricultural landscape features MA04 – Reinstate appropriate agricultural practices to address abandonment, including mowing, grazing, burning or equivalent measures MA05 – Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning) MA07 – Restoration of Annex I agricultural habitats (incl. re-establish and improve) MB01 – Prevent conversion of (semi-) natural habitats into forests and of (semi-) natural forests into intensive forest plantation MC03 – Adapt/manage renewable energy installation, facilities and operation (excl. hydropower and abstraction activities) ME01 – Reduce impact of transport operation and infrastructure MF01 – Managing the impacts of converting land for construction and development of infrastructure MG04 – Control/eradication of illegal killing, fishing and harvesting of wild plants, fungi and animals MM01 – Management of habitats (others than agriculture and forest) to slow, stop or reverse natural processes that occur without direct or indirect influence from human activities or climate change MM04 – Other measures related to natural processes MS01 – Reinforce populations of species from the directives MS02 – Reintroduce species from the directives MI03 – Management, control or eradication of other invasive alien species MI05 – Management of problematic native species MI02 – Management, control or eradication of established invasive alien species of Union concern
9.7 Additional information (Optional)	–

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 (Optional)	–	

11. CONCLUSIONS

Assessment of conservation status at end of reporting period

11.1 Range	Bad (U2)
11.2 Population	Bad (U2)
11.3 Habitat for the species	Inadequate (U1)
11.4 Future prospects	Inadequate (U1)
11.5 Overall assessment of Conservation Status	Bad (U2)

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>	yes, due to genuine change
	<i>The change is mainly due to:</i>	genuine change
	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>	no, there is no difference
	<i>The change is mainly due to:</i>	
11.8 Additional information (Optional)	Unfortunately, the number of colonies continues to decrease on a national level, and translocations and the solid expansion of the Kiskunság can only have a local impact. Due to the significant isolation, the chances of natural colonisation are very limited.	

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	number of individuals
	b) Minimum	50000
	c) Maximum	100000
	d) Best single value	–
12.2 Type of estimate	Best 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	Based mainly on extrapolation from a limited amount of data
12.6 Short-term trend of population size within the network Direction	stable
12.7 Short-term trend of population size within the network Method used	Based mainly on extrapolation from a limited amount of data
12.8 Short-term trend of habitat for the species within the network Direction	stable
12.9 Short-term trend of habitat for the species within the network Method used	Based mainly on extrapolation from a limited amount of data
12.10 Additional information (Optional)	–

13. COMPLEMENTARY INFORMATION

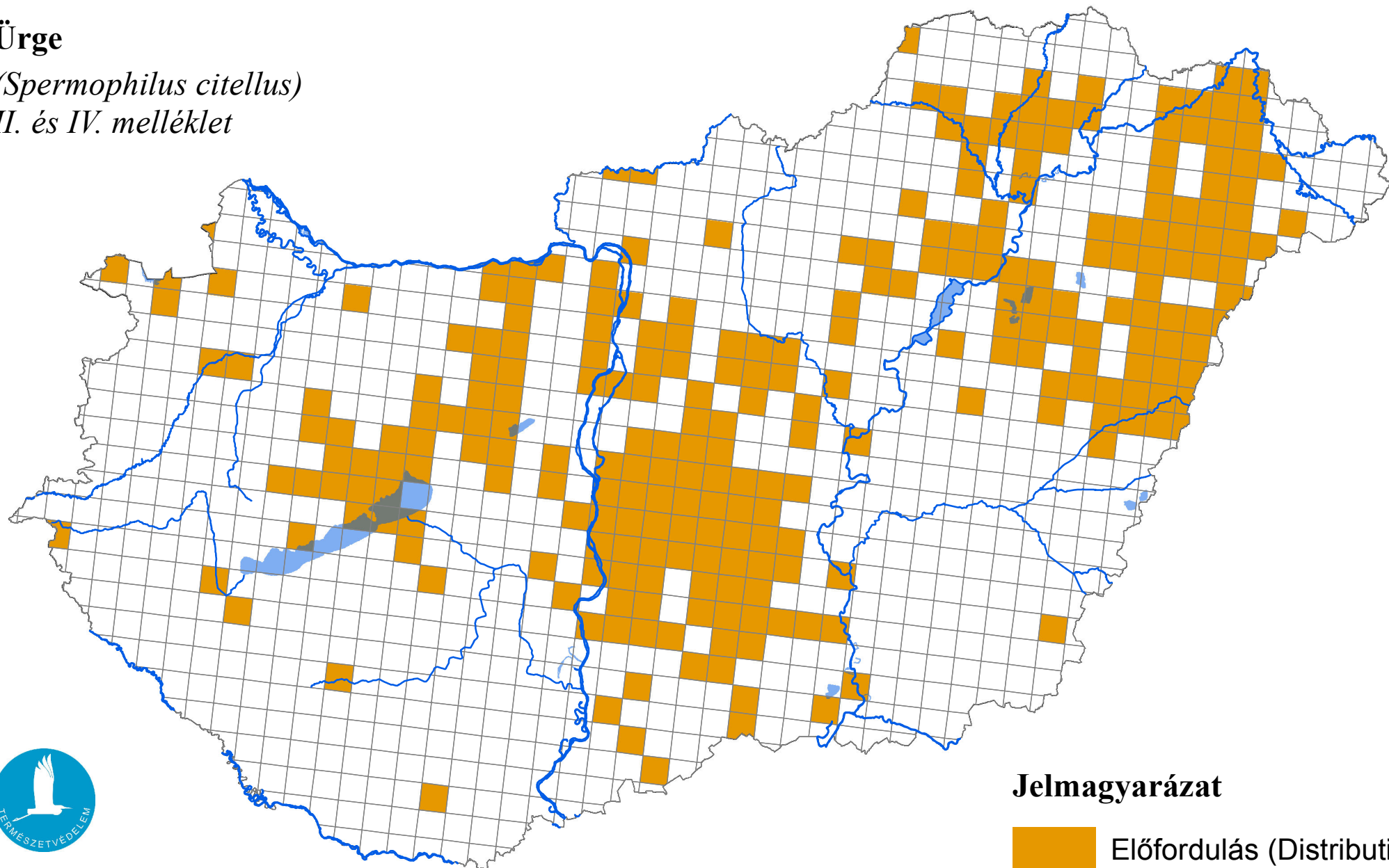
13.1 Justification of % thresholds for trends	–
13.2 Trans-boundary assessment	–
13.3 Other relevant information	–

Az élőhelyvédelmi irányelv 17. cikke szerinti országjelentés, 2025

Ürge

(*Spermophilus citellus*)

II. és IV. melléklet



Forrás: Agrárminisztérium,
Természetmegőrzési Főosztály

Jelmagyarázat

 Előfordulás (Distribution)

0 25 50 Kilometers
