

# 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	1335
1.3 Species scientific name	<i>Spermophilus citellus</i>
1.4 Alternative species scientific name	
1.5 Common name (in national language)	ürge

### 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

RAPTORSPREY LIFE (<http://sakerlife3.mme.hu/en>) unpublished data

[www.vadonleso.hu](http://www.vadonleso.hu)

Kispál D., Bérces S. (2016): Az elmúlt 16 év ürgemonitorozási tapasztalatai a Duna-Ipoly Nemzeti Park Igazgatóság működési területén (X. Magyar Természetvédelmi Biológiai Konferencia Műhelytalálkozó Mórahalom Absztraktkötet, p.10-11)

Kispál D. (2016): A közönséges ürge (*Spermophilus citellus*) állományainak és élőhely választásának vizsgálata. Diplomamunka, Nyugat-Magyarországi Egyetem, Sopron.

LIFE13 NAT/HU/000183 Midterm report 1. (2016):  
[http://sakerlife3.mme.hu/sites/default/files/allando\\_tartalmak/Eredmenyek/life13nat-hu-000183\\_mtr1.pdf](http://sakerlife3.mme.hu/sites/default/files/allando_tartalmak/Eredmenyek/life13nat-hu-000183_mtr1.pdf)

LIFE13 NAT/HU/000183 Midterm report 2. (2017):  
[http://sakerlife3.mme.hu/sites/default/files/allando\\_tartalmak/Eredmenyek/life13nat-hu-000183\\_mtr2\\_final.pdf](http://sakerlife3.mme.hu/sites/default/files/allando_tartalmak/Eredmenyek/life13nat-hu-000183_mtr2_final.pdf)

Zoltán Kenyeres, Norbert Bauer, Lajos Nagy, Szilárd Szabó (2018): Enhancement of a declining European ground squirrel (*Spermophilus citellus*) population with habitat restoration. *Journal for Nature Conservation*, 45: 98-106.

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A Nemzeti Biodiverzitás-monitorozó Rendszer keretében 2013-2018 között végzett felmérések kutatási jelentései

## 5. Range

5.1 Surface area	22372
5.2 Short-term trend Period	2007-2018
5.3 Short-term trend Direction	Decreasing (-)
5.4 Short-term trend Magnitude	a) Minimum <span style="margin-left: 200px;">b) Maximum</span>
5.5 Short-term trend Method used	Complete survey or a statistically robust estimate
5.6 Long-term trend Period	
5.7 Long-term trend Direction	
5.8 Long-term trend Magnitude	a) Minimum <span style="margin-left: 200px;">b) Maximum</span>
5.9 Long-term trend Method used	
5.10 Favourable reference range	a) Area (km <sup>2</sup> ) b) Operator <span style="margin-left: 200px;">More than (&gt;)</span> c) Unknown d) Method
5.11 Change and reason for change in surface area of range	Genuine Improved knowledge/more accurate data Use of different method The change is mainly due to: <span style="margin-left: 200px;">Improved knowledge/more accurate data</span>
5.12 Additional information	

## 6. Population

6.1 Year or period	2013-2018
6.2 Population size (in reporting unit)	a) Unit <span style="margin-left: 200px;">number of individuals (i)</span> b) Minimum <span style="margin-left: 200px;">70000</span> c) Maximum <span style="margin-left: 200px;">140000</span> d) Best single value
6.3 Type of estimate	Best estimate
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 extrapolation from a limited amount of data
6.7 Short-term trend Period	2007-2018
6.8 Short-term trend Direction	Decreasing (-)

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6.9 Short-term trend Magnitude	a) Minimum b) Maximum c) Confidence interval	
6.10 Short-term trend Method used	Based mainly on extrapolation from a limited amount of 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 c) Unknown d) Method	More than (>)
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		

## 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)? b) Is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)?	Yes
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 from one type of agricultural land use to another (excluding drainage and burning) (A02)	H

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Abandonment of grassland management (e.g. cessation of grazing or mowing) (A06)	H
Conversion from other land uses to housing, settlement or recreational areas (excluding drainage and modification of coastline, estuary and coastal conditions) (F01)	H
Construction or modification (e.g. of housing and settlements) in existing urban or recreational areas (F02)	H
Use of plant protection chemicals in agriculture (A21)	M
Roads, paths, railroads and related infrastructure (e.g. bridges, viaducts, tunnels) (E01)	M
Flooding (natural processes) (M08)	M
Problematic native species (I04)	M
<b>Threat</b>	<b>Ranking</b>
Conversion from one type of agricultural land use to another (excluding drainage and burning) (A02)	H
Abandonment of grassland management (e.g. cessation of grazing or mowing) (A06)	H
Solar power, including infrastructure (D03)	H
Conversion from other land uses to housing, settlement or recreational areas (excluding drainage and modification of coastline, estuary and coastal conditions) (F01)	H
Construction or modification (e.g. of housing and settlements) in existing urban or recreational areas (F02)	H
Use of plant protection chemicals in agriculture (A21)	M
Roads, paths, railroads and related infrastructure (e.g. bridges, viaducts, tunnels) (E01)	M
Flooding (natural processes) (M08)	M
Problematic native species (I04)	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 and taken

## 9.2 Main purpose of the measures taken

Expand the current range of the species (related to 'Range')

## 9.3 Location of the measures taken

Both inside and outside Natura 2000

## 9.4 Response to the measures

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

## 9.5 List of main conservation measures

Maintain existing extensive agricultural practices and agricultural landscape features (CA03)

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Other measures related to natural processes (CL04)

Reinforce populations of species from the directives (CS01)

## 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

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 individuals (i)
	b) Minimum	50000
	c) Maximum	100000
	d) Best single value	
12.2 Type of estimate	Best estimate	
12.3 Population size inside the network Method used	Based mainly on extrapolation from a limited amount of data	
12.4 Short-term trend of population size within the network Direction	Stable (0)	

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12.5 Short-term trend of population size within the network Method used

Based mainly on extrapolation from a limited amount of data

12.6 Additional information

## 13. Complementary information

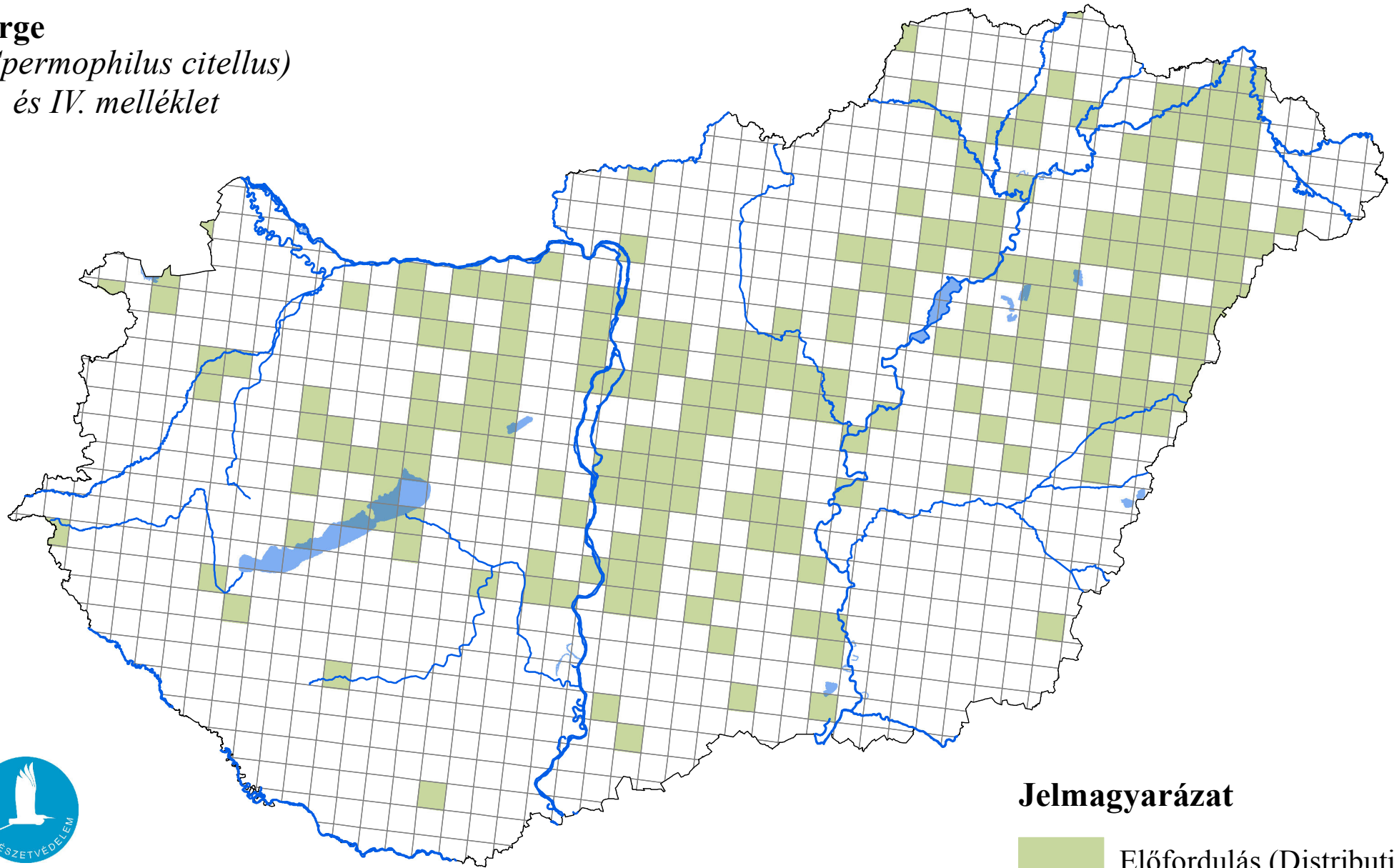
13.1 Justification of % thresholds for trends

13.2 Trans-boundary assessment

13.3 Other relevant Information

# Az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentés 2019

**Ürge**  
(*Spermophilus citellus*)  
II. és IV. melléklet



Forrás: Agrárminisztérium,  
Természetmegőrzési Főosztály

## Jelmagyarázat

