

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	1361
1.3 Species scientific name	Lynx lynx
1.4 Alternative species scientific name	
1.5 Common name (in national language)	(eurázsiai) hiúz

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

Fehér P., Frank K., Szepesi K., Heltai B., Barta E., Újváry D., Gombkötő P., Szemethy L. & Stéger V. (2017): A hazai macskafélék (Felidae) genetikai monitorozási módszerének fejlesztése. A Magyar Biológiai Társaság XXX. Vándorgyűlése, Budapest, 2017.02.17-18. Absztrakt-kötet pp. 45-46.

Fehér P., Frank K., Heltai B., Szepesi K., Mihalik B., Barta E., Újváry D., Gombkötő P., Szemethy L. & Stéger V. (2017): Genetic monitoring of Hungarian carnivores: Felidae. Hungarian Molecular Life Sciences 2017, Eger, 2017.03.31-04.02. Book of abstract pp. 249-250.

Szemethy L. ed. (2019): Emlős nagyragadozók visszatelepülése Magyarországra, az együttélés lehetősége és kihívásai. Herman Ottó Intézet Nonprofit Kft. Budapest. In pres

5. Range

5.1 Surface area

3255

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

Complete survey or a statistically robust estimate

5.6 Long-term trend Period

5.7 Long-term trend Direction

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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 ²)	
	b) Operator	More than (>)
	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	
5.12 Additional information		

6. Population

6.1 Year or period	2013-2018	
6.2 Population size (in reporting unit)	a) Unit	number of individuals (i)
	b) Minimum	10
	c) Maximum	25
	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 expert opinion with very limited data	
6.7 Short-term trend Period	2007-2018	
6.8 Short-term trend Direction	Stable (0)	
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	Much more than (>>)
	c) Unknown	

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d) Method

6.16 Change and reason for change in population size

Improved knowledge/more accurate data

The change is mainly due to: Improved knowledge/more accurate data

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)? **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 extrapolation from a limited amount of data

7.3 Short-term trend Period

2007-2018

7.4 Short-term trend Direction

Stable (0)

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
Logging (excluding clear cutting) of individual trees (B06)	H
Clear-cutting, removal of all trees (B09)	H
Roads, paths, railroads and related infrastructure (e.g. bridges, viaducts, tunnels) (E01)	M
Hunting (G07)	M
Illegal shooting/killing (G10)	M
Threat	Ranking
Logging (excluding clear cutting) of individual trees (B06)	H
Clear-cutting, removal of all trees (B09)	H
Roads, paths, railroads and related infrastructure (e.g. bridges, viaducts, tunnels) (E01)	M
Hunting (G07)	M
Illegal shooting/killing (G10)	M

8.2 Sources of information

8.3 Additional information

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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	Increase the population size and/or improve population dynamics (improve reproduction success, reduce mortality, improve age/sex structure) (related to 'Population')	
9.3 Location of the measures taken	Only inside 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		

Stop forest management and exploitation practices (CB06)

Other measures related to forestry practices (CB15)

Reduce impact of transport operation and infrastructure (CE01)

Management of hunting, recreational fishing and recreational or commercial harvesting or collection of plants (CG02)

Control/eradication of illegal killing, fishing and harvesting (CG04)

9.6 Additional information

10. Future prospects

10.1 Future prospects of parameters	a) Range	Poor
	b) Population	Bad
	c) Habitat of the species	Poor

10.2 Additional information

11. Conclusions

11.1. Range	Unfavourable - Inadequate (U1)
11.2. Population	Unfavourable - Bad (U2)
11.3. Habitat for the species	Unfavourable - Inadequate (U1)
11.4. Future prospects	Unfavourable - Bad (U2)
11.5 Overall assessment of Conservation Status	Unfavourable - Bad (U2)
11.6 Overall trend in Conservation Status	Stable (=)
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 Improved knowledge/more accurate data Use of different method

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The change is mainly due to: Improved knowledge/more accurate data

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 10
c) Maximum 25
d) Best single value

12.2 Type of estimate

Best estimate

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

Stable (0)

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

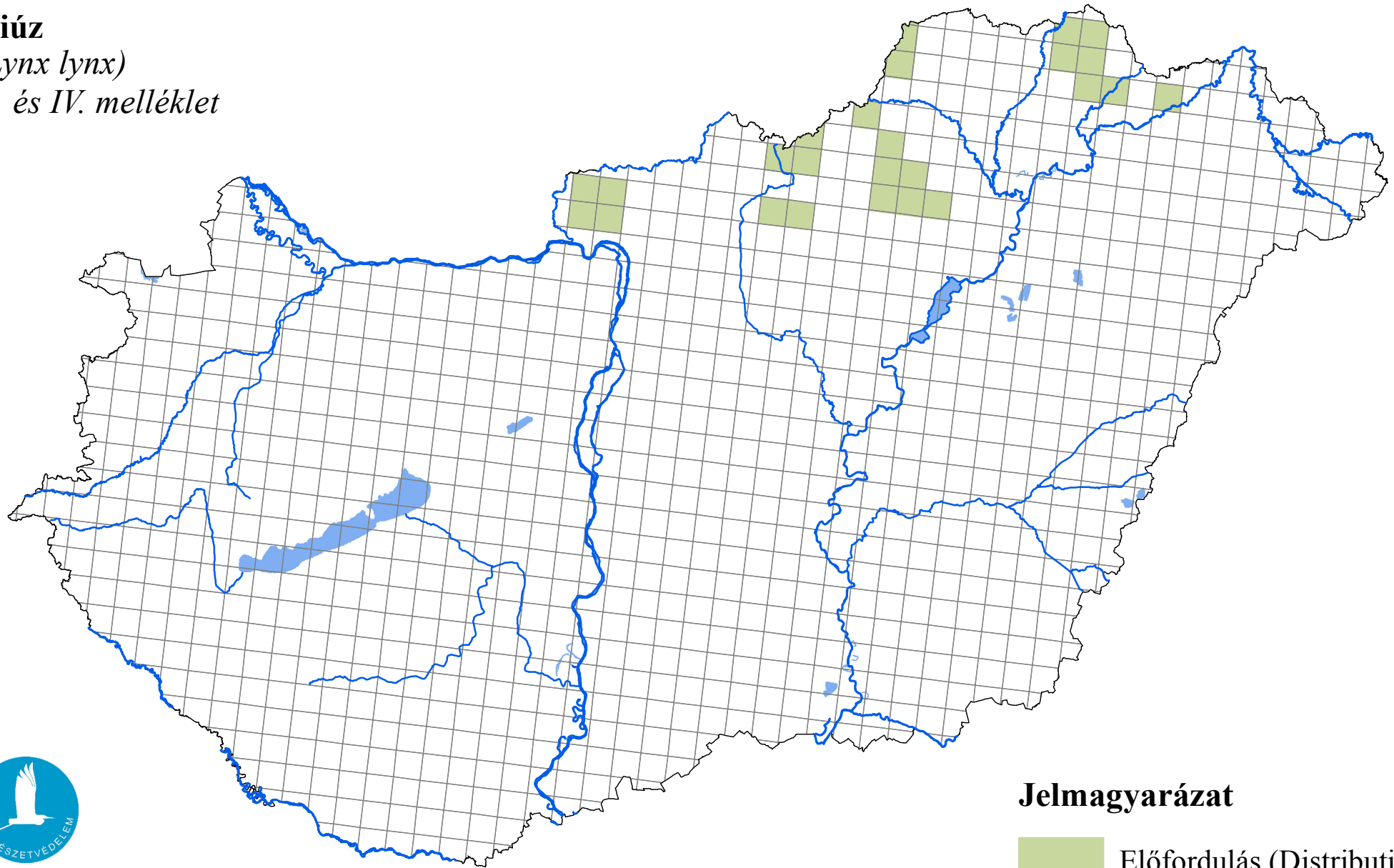
13.3 Other relevant Information

Az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentés 2019

Hiúz

(Lynx lynx)

II. és IV. melléklet



Forrás: Agrárminisztérium,
Természetmegőrzési Főosztály

Jelmagyarázat

