

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	1337
1.3 Species scientific name	Castor fiber
1.4 Alternative species scientific name	
1.5 Common name (in national language)	eurázsiai hód

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	Based mainly on extrapolation from a limited amount of 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

Report on the main results of the surveillance under Article 11 for Annex II, IV and V species (Annex B)

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

Alexander Čanády, Peter Krišovský, Bálint Bajomi, Attila Huber, Dávid Czabán, Milan Olekšák 2016: Is new spread of the European beaver in Pannonian basin an evidence of the species recovery? *European Journal of Ecology*, 2(2): 44-63, doi: 10.1515/eje-2016-0015.

Czabán Dávid, Gruber Tamás 2018: Visszatértek a hódok – áldás vagy átok? *Természetvédelmi Közlemények* 24, pp. 67–74. DOI: 10.17779/tvk-jnatconserv.2018.24.67.

Juhász Erika 2018: Az eurázsiai hód (*Castor fiber* LINNAEUS, 1758) elterjedése és tevékenysége a Dél-Alföldön. *Állattani Közlemények* 103(1–2): 15–32. DOI: 10.20331/AllKoz.2018.103.1-2.1

5. Range

5.1 Surface area

36538

5.2 Short-term trend Period

2007-2018

5.3 Short-term trend Direction

Increasing (+)

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

Report on the main results of the surveillance under Article 11 for Annex II, IV and V species (Annex B)

5.10 Favourable reference range

a) Area (km²)
b) Operator Approximately equal to (≈)
c) Unknown
d) Method

5.11 Change and reason for change in surface area of range

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

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
c) Maximum
d) Best single value 3672

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 extrapolation from a limited amount of data

6.7 Short-term trend Period 2007-2018

6.8 Short-term trend Direction Increasing (+)

6.9 Short-term trend Magnitude

a) Minimum
b) Maximum
c) Confidence interval

6.10 Short-term trend Method used Complete survey or a statistically robust estimate

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

Report on the main results of the surveillance under Article 11 for Annex II, IV and V species (Annex B)

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)? 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

Increasing (+)

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
----------	---------

No pressures (Xxp)

Threat	Ranking
--------	---------

No threats (Xxt)

8.2 Sources of information

8.3 Additional information

The Hungarian population is in an expansion phase now. Threats are not strong enough to control this expansion in country level so none of the threats was reached the medium importance in population level.

9. Conservation measures

9.1 Status of measures

a) Are measures needed? No
b) Indicate the status of measures

9.2 Main purpose of the measures taken

9.3 Location of the measures taken

9.4 Response to the measures

Report on the main results of the surveillance under Article 11 for Annex II, IV and V species (Annex B)

9.5 List of main conservation measures

9.6 Additional information

Human coexistence, public awareness raising and conflict management are the most important measures. These communication measures can not be found at the list of measures.

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

11. Conclusions

11.1. Range

Favourable (FV)

11.2. Population

Favourable (FV)

11.3. Habitat for the species

Favourable (FV)

11.4. Future prospects

Favourable (FV)

11.5 Overall assessment of Conservation Status

Favourable (FV)

11.6 Overall trend in Conservation Status

Improving (+)

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

Use of different method

The change is mainly due to: Use of different method

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	
c) Maximum	
d) Best single value	3030

12.2 Type of estimate

Minimum

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

Increasing (+)

Report on the main results of the surveillance under Article 11 for Annex II, IV and V species (Annex B)

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

Complete survey or a statistically robust estimate

12.6 Additional information

13. Complementary information

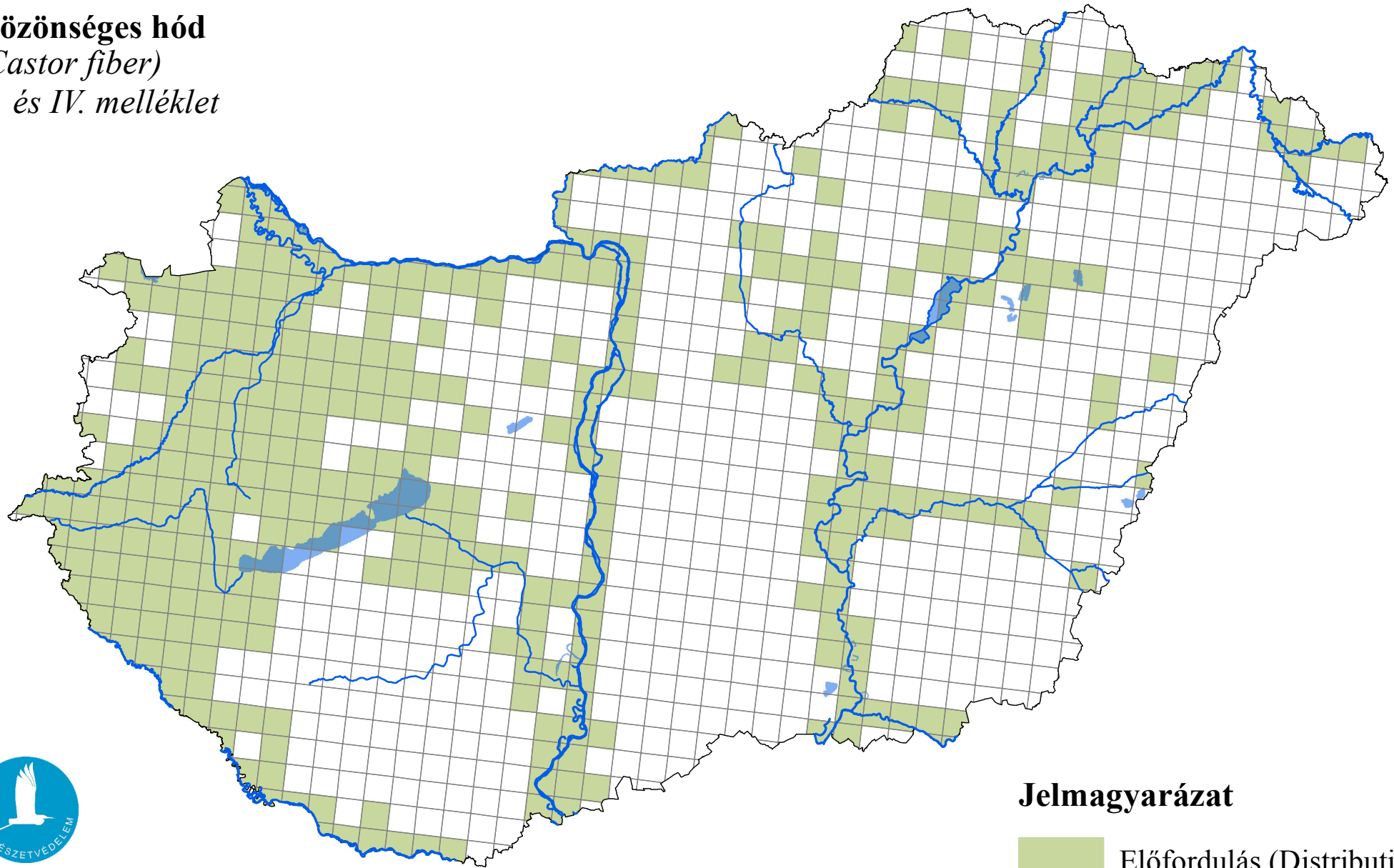
13.1 Justification of % thresholds for trends

13.2 Trans-boundary assessment

13.3 Other relevant Information

Az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentés 2019

Közönséges hód
(*Castor fiber*)
II. és IV. melléklet



Forrás: Agrárminisztérium,
Természetmegőrzési Főosztály

Jelmagyarázat

