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	**1902**
1.3 Species scientific name	**Cypripedium calceolus**
1.4 Alternative species scientific name	
1.5 Common name (in national language)	rigópohár (erdei papucskosbor, Boldogasszony papucsa)

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	Molnar V. Attila (2014): Erdei papucskosbor Cypripedium calceolus Linneaus 1752. In: Haraszthy L. (szerk): /Natura 2000 fajok és élőhelyek Magyarországon/. Pro Vértes Közalapítvány, Csákvár: 573-576
	Monitoring reports (2013-2018) of Hungarian Biodiversity Monitoring System

5. Range

5.1 Surface area	1446	
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		
5.8 Long-term trend Magnitude	a) Minimum	b) Maximum
5.9 Long-term trend Method used		
5.10 Favourable reference range	a) Area (km²)	
	b) Operator	Approximately equal to (≈)
	c) Unknown	
	d) Method	

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5.11 Change and reason for change in surface area of range	No change
	The change is mainly due to:

5.12 Additional information	

6. Population

6.1 Year or period	2013-2016	

6.2 Population size (in reporting unit)	a) Unit	number of individuals (i)
	b) Minimum	1200
	c) Maximum	1600
	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	Complete survey or a statistically robust estimate	
6.7 Short-term trend Period	2007-2018	
6.8 Short-term trend Direction	Decreasing (-)	

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	More than (>)
	c) Unknown	
	d) Method	

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	

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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	Complete survey or a statistically robust estimate	
7.3 Short-term trend Period	2007-2018	
7.4 Short-term trend Direction	Stable (0)	
7.5 Short-term trend Method used	Complete survey or a statistically robust estimate	
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
Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01)	H
Management of fishing stocks and game (G08)	M
Natural succession resulting in species composition change (other than by direct changes of agricultural or forestry practices) (L02)	M
Problematic native species (I04)	M
Other invasive alien species (other then species of Union concern) (I02)	M
Reduced fecundity / genetic depression (e.g. inbreeding or endogamy) (L05)	M
Creation or development of sports, tourism and leisure infrastructure (outside the urban or recreational areas) (F05)	M

Threat	Ranking
Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01)	H
Management of fishing stocks and game (G08)	M
Natural succession resulting in species composition change (other than by direct changes of agricultural or forestry practices) (L02)	M
Other invasive alien species (other then species of Union concern) (I02)	M

8.2 Sources of 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 — Maintain the current range, population and/or habitat for the species

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

Management of habitats (others than agriculture and forest) to slow, stop or reverse natural processes (CL01)

Adapt/change forest management and exploitation practices (CB05)

Stop forest management and exploitation practices (CB06)

DO NOT USE Management, control or eradication of other alien species (CI04)

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	Bad
	c) Habitat of the species	Poor

10.2 Additional information

11. Conclusions

11.1. Range	Favourable (FV)
11.2. Population	Unfavourable - Inadequate (U1)
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	Deteriorating (-)

11.7 Change and reasons for change in conservation status and conservation status trend

a) Overall assessment of conservation status

Genuine
Improved knowledge/more accurate data

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

b) Overall trend in conservation status

Genuine

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Improved knowledge/more accurate data

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	990
	c) Maximum	1130
	d) Best single value	

12.2 Type of estimate	Best estimate

12.3 Population size inside the network Method used	Complete survey or a statistically robust estimate

12.4 Short-term trend of population size within the network Direction	Decreasing (-)

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

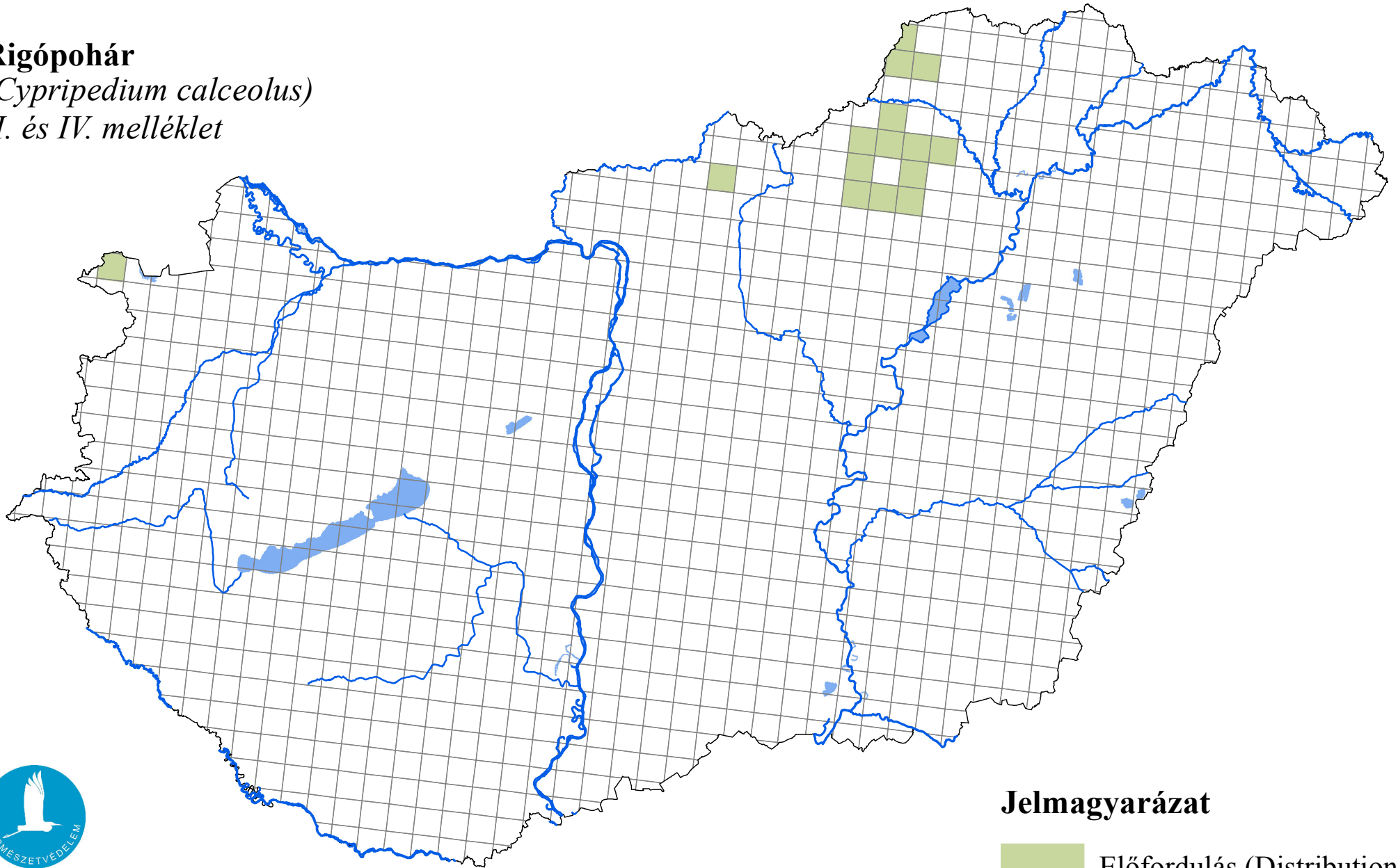13.1 Justification of % thresholds for trends

13.2 Trans-boundary assessment

13.3 Other relevant Information

Az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentés 2019

Rigópohár
(Cypripedium calceolus)
II. és IV. melléklet

Jelmagyarázat

Előfordulás (Distribution)

0   25   50 Kilometers