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	**6138**
1.3 Species scientific name	**Dolichophis caspius**
1.4 Alternative species scientific name	Coluber caspius, Zamenis caspius
1.5 Common name (in national language)	haragos (ugró) sikló

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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<table>
<tr><td rowspan="4">3.3 Hunting bag or quantity taken in the wild for Mammals and Acipenseridae (Fish)</td><td colspan="7">a) Unit</td></tr>
<tr><td rowspan="2">b) Statistics/ quantity taken</td><td colspan="6">Provide statistics/quantity per hunting season or per year (where season is not used) over the reporting period</td></tr>
<tr><td>Season/ year 1</td><td>Season/ year 2</td><td>Season/ year 3</td><td>Season/ year 4</td><td>Season/ year 5</td><td>Season/ year 6</td></tr>
<tr><td>Min. (raw, ie. not rounded)</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
</table>

		Season/ year 1	Season/ year 2	Season/ year 3	Season/ year 4	Season/ year 5	Season/ year 6
	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	G. Babocsay (2013): Misidentification of a snake responsible for an erroneous locality for Dolichophis caspius (Ophidia: Colubridae) in Hungary – a case resolved. Folia Historico Naturalia Musei Matraensis, 37: 123–125. Babocsay, G. & Vági, B. (2013): Civil efforts to conserve the Caspian whip snake (Dolichophis caspius) in the shadow of Budapest. 17th European Congress of Herpetology, Veszprém, Hungary, 22-27 August 2013, Programme & Abstracts, p. 41. Babocsay Gergely, Vági Balázs (2015): A kaszpi haragossikló állományának felmérése és részleges élőhelyrekonstrukció Pesthidegkúton. in: MME Kétéltű-és Hüllővédelmi Szakosztály 2015. Éves Jelentés. pp. 1-2. Babocsay Gergely, Halpern Bálint, Péntek Attila László, Vági Balázs (2018): A haragossikló-állományok felmérése, autökológiai vizsgálatok a pesthidegkúti Vörös-kőváron. in: MME Kétéltű-és Hüllővédelmi Szakosztály 2018. Éves Jelentés. pp. 1-5. https://herpterkep.mme.hu

5. Range

5.1 Surface area	600
5.2 Short-term trend Period	2007-2018

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5.3 Short-term trend Direction	Uncertain (u)	
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		
5.10 Favourable reference range	a) Area (km²)	
	b) Operator	Much 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 map 1x1 km grid cells (grids1x1)
	b) Minimum	
	c) Maximum	
	d) Best single value	18
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	Uncertain (u)	
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	
	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)?	No
	b) Is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)?	No
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	Uncertain (u)	
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
Natural succession resulting in species composition change (other than by direct changes of agricultural or forestry practices) (L02)	H
Sports, tourism and leisure activities (F07)	M
Conversion from other land uses to housing, settlement or recreational areas (excluding drainage and modification of coastline, estuary and coastal conditions) (F01)	H
Other invasive alien species (other then species of Union concern) (I02)	M

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Roads, paths, railroads and related infrastructure (e.g. bridges, viaducts, tunnels) (E01)	M
Other human intrusions and disturbance not mentioned above (H08)	M
Abiotic natural processes (e.g. erosion, silting up, drying out, submersion, salinization) (L01)	M

Threat	Ranking
Natural succession resulting in species composition change (other than by direct changes of agricultural or forestry practices) (L02)	H
Conversion from other land uses to housing, settlement or recreational areas (excluding drainage and modification of coastline, estuary and coastal conditions) (F01)	H
Other invasive alien species (other then species of Union concern) (I02)	M
Sports, tourism and leisure activities (F07)	M
Roads, paths, railroads and related infrastructure (e.g. bridges, viaducts, tunnels) (E01)	M
Other human intrusions and disturbance not mentioned above (H08)	M
Abiotic natural processes (e.g. erosion, silting up, drying out, submersion, salinization) (L01)	M

8.2 Sources of information

8.3 Additional information

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

9.5 List of main conservation measures

9.6 Additional information

10. Future prospects

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

10.2 Additional information

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11. Conclusions

11.1. Range	Unfavourable - Bad (U2)
11.2. Population	Unfavourable - Bad (U2)
11.3. Habitat for the species	Unfavourable - Bad (U2)
11.4. Future prospects	Unfavourable - Bad (U2)
11.5 Overall assessment of Conservation Status	Unfavourable - Bad (U2)
11.6 Overall trend in Conservation Status	Unknown (x)
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	Real Overall trend in Conservation Status is stable but it does not fit to the matrix (uncertain is not equal to unknown)

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 b) Minimum c) Maximum d) Best single value
12.2 Type of estimate	
12.3 Population size inside the network Method used	
12.4 Short-term trend of population size within the network Direction	
12.5 Short-term trend of population size within the network Method used	
12.6 Additional information	

13. Complementary information

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

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Az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentés 2019

Haragos sikló
(Dolichophis caspius)
IV. melléklet
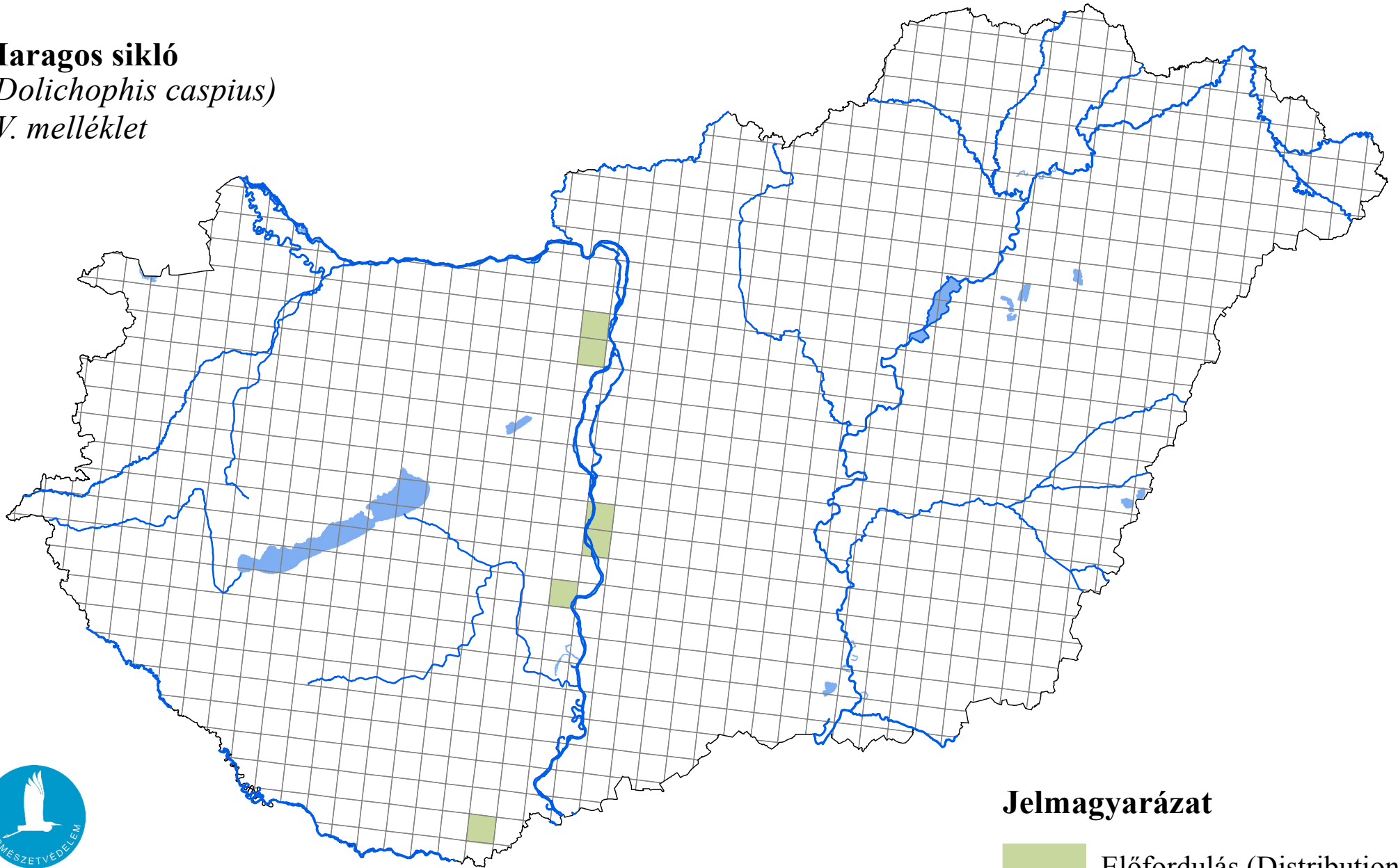
Forrás: Agrárminisztérium,
Természetmegőrzési Főosztály

Jelmagyarázat

Előfordulás (Distribution)

0   25   50 Kilometers