

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	4098
1.3 Species scientific name	<i>Iris humilis subsp. arenaria</i>
1.4 Alternative species scientific name	<i>Iris arenaria</i>
1.5 Common name (in national language)	homoki nőszírom

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

Monitoring reports (2013-2018) of Hungarian Biodiversity Monitoring System

Takács G., Schmidt D. & Király G. (2015): Védett és közösségi jelentőségű növényfajok előfordulása a Győr környéki homokpusztákon. Rence 1.: 99-179.

Aradi E., Bérces S. (2014): Homoki nőszirm Iris arenaria Waldstein & Kitaibel 1801. In: Haraszthy L. (szerk.): Natura 2000 fajok és élőhelyek Magyarországon. ProVértés Közalapítvány, Csákvár, pp. 109-111.

Szigetvári Cs. (2018): A nyírségi sztyeppnövényzet meglepően életképes túlélői felhagyott szőlőhegyeken Surprisingly viable survivors of the steppe vegetation in the abandoned vineyards of the Nyírség region. (poszter) - XII. Aktuális Flóra- és Vegetációkutatás a Kárpát-medencében (Debrecen)

5. Range

5.1 Surface area

9647

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	Approximately equal to (≈)
	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	470000
	c) Maximum	700000
	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	

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6.16 Change and reason for change in population size

d) Method

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

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
Intensive grazing or overgrazing by livestock (A09)	H
Invasive alien species of Union concern (I01)	H
Other invasive alien species (other than species of Union concern) (I02)	H
Abandonment of grassland management (e.g. cessation of grazing or mowing) (A06)	H
Management of fishing stocks and game (G08)	M
Droughts and decreases in precipitation due to climate change (N02)	M
Natural succession resulting in species composition change (other than by direct changes of agricultural or forestry practices) (L02)	M
Change of habitat location, size, and / or quality due to climate change (N05)	M
Sports, tourism and leisure activities (F07)	M

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Tillage practices in forestry and other soil management practices in forestry (B17) M

Threat Ranking

Intensive grazing or overgrazing by livestock (A09) H

Invasive alien species of Union concern (I01) H

Other invasive alien species (other than species of Union concern) (I02) H

Abandonment of grassland management (e.g. cessation of grazing or mowing) (A06) H

Management of fishing stocks and game (G08) M

Droughts and decreases in precipitation due to climate change (N02) M

Natural succession resulting in species composition change (other than by direct changes of agricultural or forestry practices) (L02) M

Change of habitat location, size, and / or quality due to climate change (N05) M

Sports, tourism and leisure activities (F07) M

Tillage practices in forestry and other soil management practices in forestry (B17) M

8.2 Sources of information

8.3 Additional information

IAS union concern : *Asclepias syriaca* L.;

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

Reduce impact of outdoor sports, leisure and recreational activities (CF03)

Prevent conversion of (semi-) natural habitats into forests and of (semi-)natural forests into intensive forest plantation (CB01)

Prevent conversion of natural and semi-natural habitats, and habitats of species into agricultural land (CA01)

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

Reinstate appropriate agricultural practices to address abandonment, including mowing, grazing, burning or equivalent measures (CA04)

Management, control or eradication of established invasive alien species of Union concern (CI02)

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

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

Adapt mowing, grazing and other equivalent agricultural activities (CA05)

Adapt/change forest management and exploitation practices (CB05)

9.6 Additional information

10. Future prospects

10.1 Future prospects of parameters	a) Range	Good
	b) Population	Poor
	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 - Inadequate (U1)
11.5 Overall assessment of Conservation Status	Unfavourable - Inadequate (U1)
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 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	440000
	c) Maximum	640000
	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 (-)	

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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

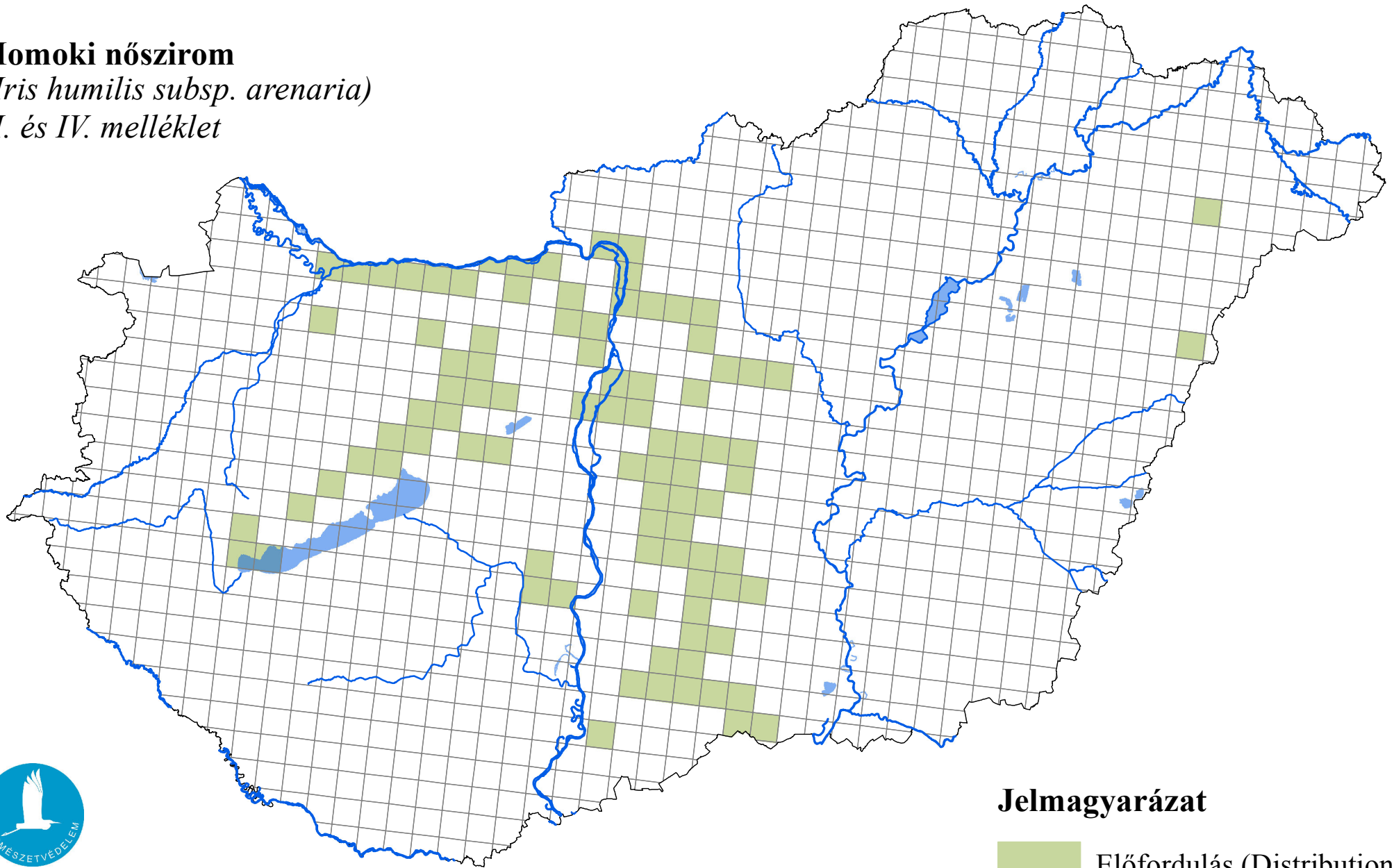
13.1 Justification of % thresholds for trends

13.2 Trans-boundary assessment

13.3 Other relevant Information

Az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentés 2019

Homoki nőszirm
(*Iris humilis* subsp. *arenaria*)
II. és IV. melléklet



Forrás: Agrárminisztérium,
Természetmegőrzési Főosztály

Jelmagyarázat

