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	**4074**
1.3 Species scientific name	**Dianthus diutinus**
1.4 Alternative species scientific name	
1.5 Common name (in national language)	tartós szegfű

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

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

<table>
<tr><td rowspan="6">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>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></td><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>
<tr><td>Max. (raw, ie. not rounded)</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>Unknown</td><td>No</td><td>No</td><td>No</td><td>No</td><td>No</td><td>No</td></tr>
</table>

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
	Mile O. – Aradi E. – Németh A. (2014): Tartós szegfű Dianthus diutinus Kitaibel ex Schultes 1814. In: Haraszthy L. (szerk.): Natura 2000 fajok és élőhelyek Magyarországon. ProVértes Közalapítvány, Csákvár, pp. 20-22.

5. Range

5.1 Surface area	1398	
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	More than (>)
	c) Unknown	
	d) Method	

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

5.11 Change and reason for change in surface area of range	No change
	The change is mainly due to:
5.12 Additional information	2013-ban adminisztratív hiba miatt szerepelt kisebb érték. Az elfoglalt négyzetek száma nem változott.
	The range of the species hasn't changed. The lower vaule in the previous report (2013) was due to a technical mistake. The difference between the values are not real.

6. Population

6.1 Year or period	2013-2018	
6.2 Population size (in reporting unit)	a) Unit	number of individuals (i)
	b) Minimum	48500
	c) Maximum	64000
	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	Uncertain (u)	
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	

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)?	No
	b) Is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)?	Yes
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
Droughts and decreases in precipitation due to climate change (N02)	H
Conversion to other types of forests including monocultures (B02)	H
Invasive alien species of Union concern (I01)	H
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
Other human intrusions and disturbance not mentioned above (H08)	M
Extensive grazing or undergrazing by livestock (A10)	M
Absence or reduction of interspecific faunal and floral relations (e.g. pollinators) (L07)	M
Management of fishing stocks and game (G08)	M

Threat	Ranking
Droughts and decreases in precipitation due to climate	H

change (N02)

Conversion to other types of forests including monocultures (B02)	H
Invasive alien species of Union concern (I01)	H
Natural succession resulting in species composition change (other than by direct changes of agricultural or forestry practices) (L02)	M
Other human intrusions and disturbance not mentioned above (H08)	M
Extensive grazing or undergrazing by livestock (A10)	M
Absence or reduction of interspecific faunal and floral relations (e.g. pollinators) (L07)	H
Management of fishing stocks and game (G08)	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   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

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

Reinforce populations of species from the directives (CS01)

Improvement of habitat of species from the directives (CS03)

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

Adapt/manage extraction of non-energy resources (CC01)

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

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

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

Implement climate change adaptation measures (CN02)

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

9.6 Additional information

10. Future prospects

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

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

10.2 Additional information

11. Conclusions

11.1. Range	Unfavourable - Inadequate (U1)
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	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

Genuine

The change is mainly due to:

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	44500
	c) Maximum	59000
	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	Uncertain (u)
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

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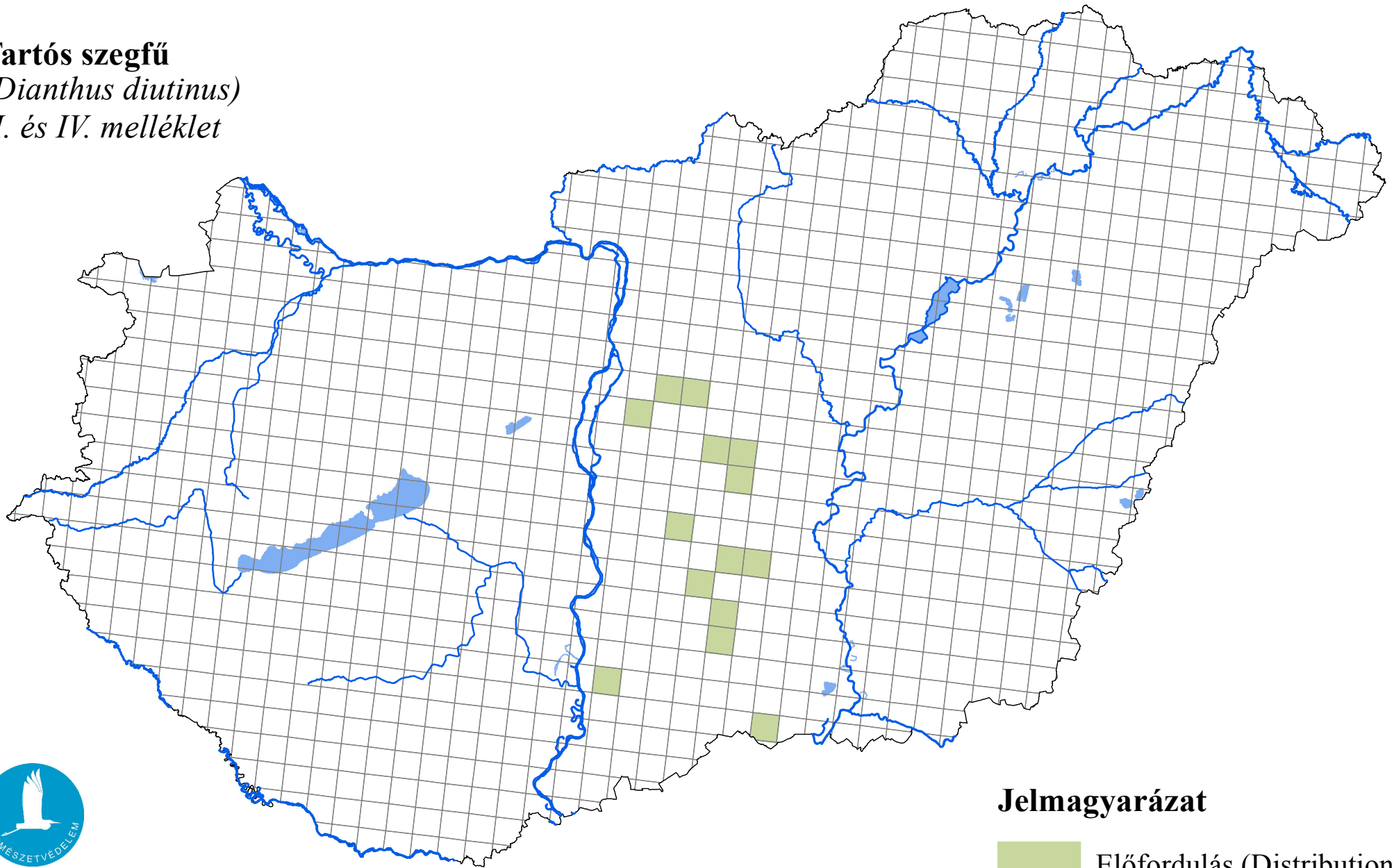
13.1 Justification of % thresholds for trends

13.2 Trans-boundary assessment

13.3 Other relevant Information

Az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentés 2019

Tartós szegfű
(Dianthus diutinus)
II. és IV. melléklet

Jelmagyarázat

Előfordulás (Distribution)

0   25   50 Kilometers

Forrás: Agrárminisztérium,
Természetmegőrzési Főosztály