

# 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                        | 4075                       |
| 1.3 Species scientific name             | <i>Dianthus lumnitzeri</i> |
| 1.4 Alternative species scientific name |                            |
| 1.5 Common name (in national language)  | Lumnitzer-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 |

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3.3 Hunting bag or quantity taken in the wild for Mammals and Acipenseridae (Fish)

a) Unit

| b) Statistics/<br>quantity taken | Provide statistics/quantity per hunting season or per year (where season is not used) over the reporting period |                   |                   |                   |                   |                   |
|----------------------------------|---|-------------------|-------------------|-------------------|-------------------|-------------------|
|                                  | Season/<br>year 1   | Season/<br>year 2 | Season/<br>year 3 | Season/<br>year 4 | Season/<br>year 5 | Season/<br>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

Bódis J. – Farkas S. – Cservenka J. – Somogyi G. (2014): Lumnitzer-szegfű, *Dianthus plumarius* Linnaeus subsp. *Lumnitzeri* (Wiesbaur) Domin 1915. In: Haraszthy L. (szerk.): Natura 2000 fajok és élőhelyek Magyarországon. ProVértes Közalapítvány, Csákvár, pp. 14-16.

Farkas S. – Bódis J. – Halász A. (2014): István király-szegfű *Dianthus plumarius* Linnaeus subsp. *Regis-stephani* (Rapaics) Baksay 1970. In: Haraszthy L. (szerk.): Natura 2000 fajok és élőhelyek Magyarországon. ProVértes Közalapítvány, Csákvár, pp. 17-19.

### 5. Range

5.1 Surface area

2800

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

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5.9 Long-term trend Method used

5.10 Favourable reference range

- a) Area (km<sup>2</sup>)
- 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 95000
- c) Maximum 130000
- 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

Stable (0)

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

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## 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)?

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 |
|---|---------|
| Extraction of minerals (e.g. rock, metal ores, gravel, sand, shell) (C01)   | H       |
| Sports, tourism and leisure activities (F07)  | H       |
| Military, paramilitary or police exercises and operations on land (H01)   | H       |
| Intensive grazing or overgrazing by livestock (A09)   | M       |
| Logging (excluding clear cutting) of individual trees (B06)   | M       |
| Conversion from other land uses to housing, settlement or recreational areas (excluding drainage and modification of coastline, estuary and coastal conditions) (F01) | M       |
| Natural succession resulting in species composition change (other than by direct changes of agricultural or forestry practices) (L02)                                 | M       |
| Threat  | Ranking |
| Extraction of minerals (e.g. rock, metal ores, gravel, sand, shell) (C01)   | H       |
| Sports, tourism and leisure activities (F07)  | H       |

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|   |   |
|---|---|
| Military, paramilitary or police exercises and operations on land (H01)   | H |
| Intensive grazing or overgrazing by livestock (A09)   | M |
| Logging (excluding clear cutting) of individual trees (B06)   | M |
| Conversion from other land uses to housing, settlement or recreational areas (excluding drainage and modification of coastline, estuary and coastal conditions) (F01) | M |
| Natural succession resulting in species composition change (other than by direct changes of agricultural or forestry practices) (L02)                                 | M |

## 8.2 Sources of information

## 8.3 Additional information

# 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

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

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

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

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

Adapt/maintain military activities (CH02)

## 9.6 Additional information

# 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)

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|   |   |
|---|---|
| 11.4. Future prospects  | Favourable (FV)   |
| 11.5 Overall assessment of Conservation Status  | Favourable (FV)   |
| 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<br>Improved knowledge/more accurate data<br>The change is mainly due to: Improved knowledge/more accurate data<br>b) Overall trend in conservation status<br>No change<br>The change is mainly due to: |
| 11.8 Additional information   |   |

## 12. Natura 2000 (pSCIs, SCIs and SACs) coverage for Annex II species

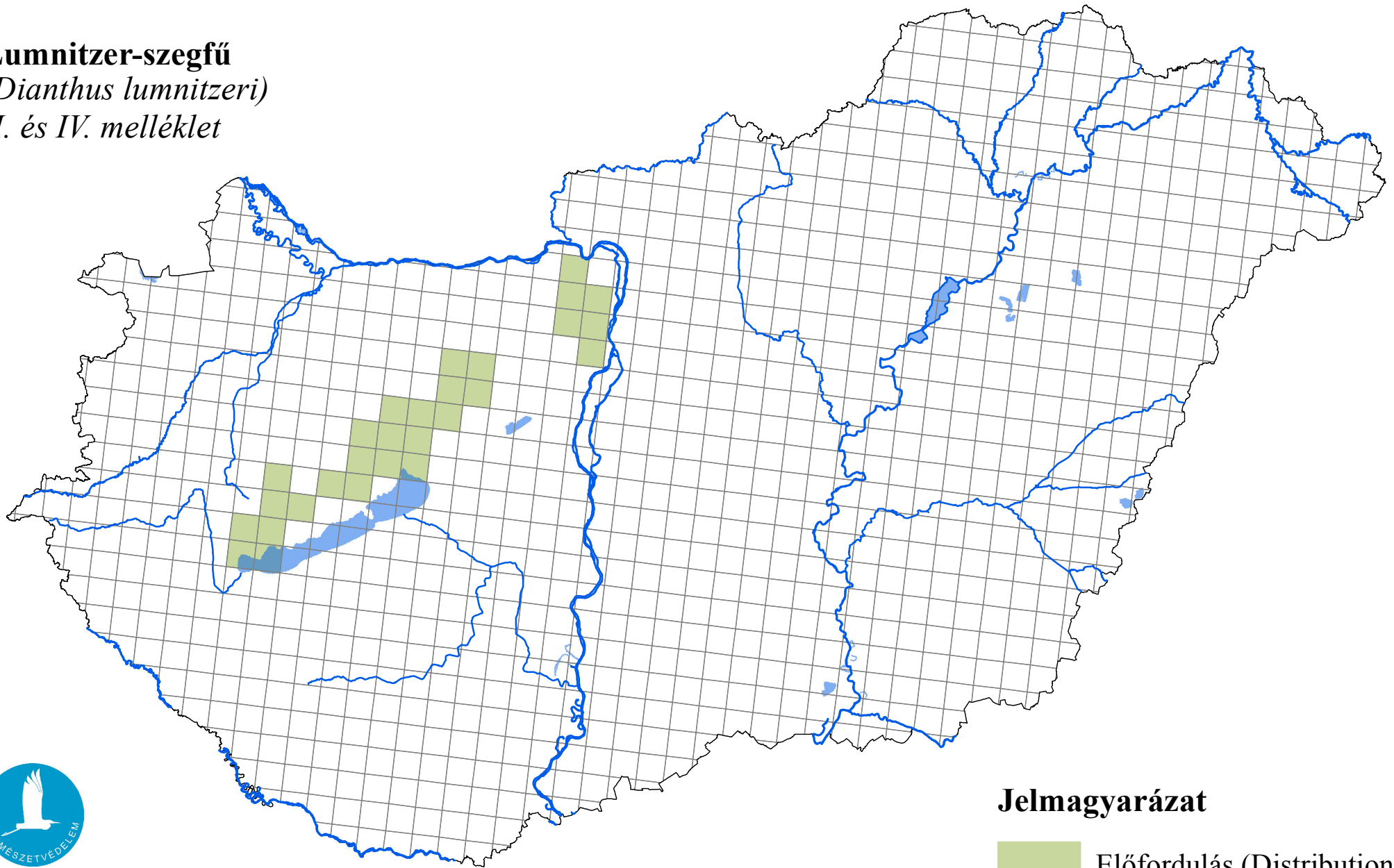
|   |   |  |
|---|---|--|
| 12.1 Population size inside the pSCIs, SCIs and SACs network (on the biogeographical/marine level including all sites where the species is present) | a) Unit<br>b) Minimum<br>c) Maximum<br>d) Best single value | number of individuals (i)<br>90000<br>120000 |
| 12.2 Type of 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   | Stable (0)  |  |
| 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

**Lumnitzer-szegfű**  
(*Dianthus lumnitzeri*)  
II. és IV. melléklet



Forrás: Agrárminisztérium,  
Természetmegőrzési Főosztály

## Jelmagyarázat

