

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

| | |
|---|-------------------|
| 0.1 Member State | HU |
| 0.2.1 Species code | 4074 |
| 0.2.2 Species name | Dianthus diutinus |
| 0.2.3 Alternative species scientific name | N/A |
| 0.2.4 Common name | tartós szegfű |

1. National Level

1.1 Maps

| | |
|--------------------------|--|
| 1.1.1 Distribution Map | Yes |
| 1.1.1a Sensitive species | No |
| 1.1.2 Method used - map | Complete survey/Complete survey or a statistically robust estimate (3) |
| 1.1.3 Year or period | 2007-2011 |
| 1.1.4 Additional map | No |
| 1.1.5 Range map | Yes |

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

Pannonian (PAN)

Vidéki R., Máté A. (2011): A tartós szegfű (*Dianthus diutinus*) archív adatainak feldolgozása. in. Verő György (szerk.): Természetvédelem és kutatás a Duna–Tisza közi homokhátságon. Rosalia 6, pp. 241–268.

Gaál A. (2011): A tartós szegfű (*Dianthus diutinus*) felmérése a Kiskunsági és a Duna–Ipoly Nemzeti Park Igazgatóságok területén. Természetvédelem és kutatás a Duna–Tisza közi homokhátságon. Rosalia 6, pp. 269–277.

Bércecs S., (2011): A biodiverzitás monitorozása homoki élőhelyeken a Duna–Ipoly Nemzeti Park Igazgatóság területén. Természetvédelem és kutatás a Duna–Tisza közi homokhátságon Rosalia 6, pp. 447–471.

A Nemzeti Biodiverzitás-monitorozó Rendszer keretében 2007-2012 között végzett felmérések kutatási jelentései

2.3 Range

| | |
|---|--|
| 2.3.1 Surface area - Range (km ²) | 1300 |
| 2.3.2 Method - Range surface area | Complete survey/Complete survey or a statistically robust estimate (3) |
| 2.3.3 Short-term trend period | 2001-2012 |
| 2.3.4 Short-term trend direction | stable (0) |
| 2.3.5 Short-term trend magnitude | min max |
| 2.3.6 Long-term trend period | N/A |
| 2.3.7 Long-term trend direction | min max |
| 2.3.8 Long-term trend magnitude | area (km ²) operator more than (>) unkown No method |
| 2.3.9 Favourable reference range | |
| 2.3.10 Reason for change | Improved knowledge/more accurate dataUse of different method |

2.4 Population

| | | |
|---|------|---------------------------|
| 2.4.1 Population size (individuals or agreed exception) | Unit | number of individuals (i) |
| | min | 40000 max 90000 |

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|---|--|---------------------------------------|
| 2.4.2 Population size (other than individuals) | Unit | N/A |
| | min | max |
| 2.4.3 Additional information | Definition of locality | |
| | Conversion method | |
| | Problems | |
| 2.4.4 Year or period | 2007-2011 | |
| 2.4.5 Method – population size | Complete survey/Complete survey or a statistically robust estimate (3) | |
| 2.4.6 Short-term trend period | 2001-2012 | |
| 2.4.7 Short term trend direction | increase (+) | |
| 2.4.8 Short-term trend magnitude | min | max |
| 2.4.9 Short-term trend method | Complete survey/Complete survey or a statistically robust estimate (3) | confidence interval |
| 2.4.10 Long-term trend period | N/A | |
| 2.4.11 Long term trend direction | min | max |
| 2.4.12 Long-term trend magnitude | N/A | confidence interval |
| 2.4.13 Long-term trend method | number | |
| 2.4.14 Favourable reference population | operator | approximately equal to (≈) |
| | unknown | No |
| | method | |
| 2.4.15 Reason for change | Genuine | Improved knowledge/more accurate data |

2.5 Habitat for the Species

| | |
|---|--|
| 2.5.1 Surface area - Habitat (km ²) | 0,05 |
| 2.5.2 Year or period | 2007-2011 |
| 2.5.3 Method used - habitat | Complete survey/Complete survey or a statistically robust estimate (3) |
| 2.5.4 a) Quality of habitat | Moderate |
| 2.5.4 b) Quality of habitat - method | inváziós fajok jelenléte, taposás mennyisége, legeltetés intenzitása, tűzpászta létesítése |
| 2.5.5 Short term trend period | 2001-2012 |
| 2.5.6 Short term trend direction | stable (0) |
| 2.5.7 Long-term trend period | N/A |
| 2.5.8 Long term trend direction | |
| 2.5.9 Area of suitable habitat (km ²) | 0,2 |
| 2.5.10 Reason for change | Improved knowledge/more accurate data |
| | Use of different method |

2.6 Main Pressures

| Pressure | ranking | pollution qualifier(s) |
|--|-----------------------|------------------------|
| invasive non-native species (I01) | high importance (H) | N/A |
| anthropogenic reduction of habitat connectivity (J03.02) | high importance (H) | N/A |
| intensive grazing (A04.01) | medium importance (M) | N/A |
| Forest and Plantation management & use (B02) | medium importance (M) | N/A |
| artificial planting on open ground (non-native trees) (B01.02) | medium importance (M) | N/A |
| Sand and gravel extraction (C01.01) | medium importance (M) | N/A |
| other industrial / commercial area (E02.03) | medium importance (M) | N/A |
| roads, motorways (D01.02) | medium importance (M) | N/A |
| damage by herbivores (including game species) (K04.05) | medium importance (M) | N/A |

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| | | |
|--|--------------------|-----|
| Urbanised areas, human habitation (E01) | low importance (L) | N/A |
| pipe lines (D02.02) | low importance (L) | N/A |
| walking, horseriding and non-motorised vehicles (G01.02) | low importance (L) | N/A |
| motorised vehicles (G01.03) | low importance (L) | N/A |

2.6.1 Method used – pressures based exclusively or to a larger extent on real data from sites/occurrences or other sources.

2.7 Main Threats

| Threat | ranking | pollution qualifier(s) |
|---|-----------------------|------------------------|
| invasive non-native species (I01) | high importance (H) | N/A |
| anthropogenic reduction of habitat connectivity (J03.02) | high importance (H) | N/A |
| reduced fecundity/ genetic depression in plants (incl. endogamy) (K05.02) | high importance (H) | N/A |
| Forest and Plantation management & use (B02) | medium importance (M) | N/A |
| other industrial / commercial area (E02.03) | medium importance (M) | N/A |
| damage by herbivores (including game species) (K04.05) | medium importance (M) | N/A |
| artificial planting on open ground (non-native trees) (B01.02) | low importance (L) | N/A |
| pipe lines (D02.02) | low importance (L) | N/A |
| walking, horseriding and non-motorised vehicles (G01.02) | low importance (L) | N/A |
| motorised vehicles (G01.03) | low importance (L) | N/A |
| intensive grazing (A04.01) | low importance (L) | N/A |
| roads, motorways (D01.02) | low importance (L) | N/A |

2.7.1 Method used – threats expert opinion (1)

2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

2.8.3 Trans-boundary assessment

2.9 Conclusions (assessment of conservation status at end of reporting period)

2.9.1 Range assessment Inadequate (U1)
qualifiers stable (=)

2.9.2. Population assessment Favourable (FV)
qualifiers N/A

2.9.3. Habitat assessment Inadequate (U1)
qualifiers stable (=)

2.9.4. Future prospects assessment Inadequate (U1)
qualifiers improving (+)

2.9.5 Overall assessment of Conservation Status Inadequate (U1)

2.9.5 Overall trend in Conservation Status improving (+)

3. Natura 2000 coverage and conservation measures - Annex II species

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3.1 Population

| | | | | |
|---------------------------------------|--|---------------------------|-----|-------|
| 3.1.1 Population Size | Unit | number of individuals (i) | | |
| | min | 32000 | max | 72000 |
| 3.1.2 Method used | Complete survey/Complete survey or a statistically robust estimate (3) | | | |
| 3.1.3 Trend of population size within | N/A | | | |

3.2 Conservation Measures

| 3.2.1 Measure | 3.2.2 Type | 3.2.3 Ranking | 3.2.4 Location | 3.2.5 Broad Evaluation |
|--|--------------------------|-----------------------|----------------|------------------------|
| Other species management measures (7.0) | Recurrent | medium importance (M) | Outside | Long term |
| Maintaining grasslands and other open habitats (2.1) | Contractual One-off | high importance (H) | Inside | Enhance Long term |
| Specific single species or species group management measures (7.4) | Contractual Recurrent | high importance (H) | Inside | Enhance Long term |
| Other forestry-related measures (3.0) | Legal One-off | high importance (H) | Both | Enhance Long term |
| Adapt forest management (3.2) | Administrative Recurrent | high importance (H) | Both | Long term |

**Térképmelléklet az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentéshez
2013.**

***Tartós szegfű** (*Dianthus diutinus*)

II., IV. melléklet

