

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 | 4046 |
| 0.2.2 Species name | Cordulegaster heros |
| 0.2.3 Alternative species scientific name | N/A |
| 0.2.4 Common name | kétsíkos hegyisztakötő |

1. National Level

1.1 Maps

| | |
|--------------------------|---|
| 1.1.1 Distribution Map | Yes |
| 1.1.1a Sensitive species | No |
| 1.1.2 Method used - map | Estimate based on partial data with some extrapolation and/or modelling (2) |
| 1.1.3 Year or period | 2007-2012 |
| 1.1.4 Additional map | No |
| 1.1.5 Range map | Yes |

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

Pannonian (PAN)

Rozner, Gy., Ferincz, Á. & Miókovics, E. (2012): Adatok a (Cordulegaster bidentata Sélys, 1843) és a kétsíkos hegyisztakötő (Cordulegaster heros Theischinger, 1979) elterjedéséhez a Bakonyban - Természetvédelmi Közlemények 18., pp. 447-455.
Csordás Lilla - Ferincz Árpád - Lőkkös Andor - Rozner György (2009) : New data on the distribution of Large Golden Ringed Dragonfly (Cordulegaster heros, Theischinger, 1979) (Odonata) in Zselic hills. – Újabb adatok a ritka hegyisztakötő (Cordulegaster heros, Theischinger, 1979) zselici elterjedéséhez, Natura Somogyiensis, 2009. 15. sz. 53-56. old.
www.smmi.hu/termtud/ns/ns.htm

2.3 Range

| | |
|---|--|
| 2.3.1 Surface area - Range (km ²) | 1895 |
| 2.3.2 Method - Range surface area | Estimate based on partial data with some extrapolation and/or modelling (2) |
| 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 approximately equal to (~) unkown No method |
| 2.3.9 Favourable reference range | |
| 2.3.10 Reason for change | Improved knowledge/more accurate data |

2.4 Population

| | |
|--|----------|
| 2.4.1 Population size (individuals or agreed exception) | Unit N/A |
| | min max |

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|---|---|--|---------------------|--|--|
| 2.4.2 Population size (other than individuals) | Unit | number of localities (localities) | | | |
| | min | 48 | max 50 | | |
| 2.4.3 Additional information | Definition of locality | Patakok, források száma, ahol előfordul a faj. | | | |
| | Conversion method | | | | |
| | Problems | | | | |
| 2.4.4 Year or period | 2007-2012 | | | | |
| 2.4.5 Method – population size | Estimate based on partial data with some extrapolation and/or modelling (2) | | | | |
| 2.4.6 Short-term trend period | 2001-2012 | | | | |
| 2.4.7 Short term trend direction | stable (0) | | | | |
| 2.4.8 Short-term trend magnitude | min | max | confidence interval | | |
| 2.4.9 Short-term trend method | Estimate based on partial data with some extrapolation and/or modelling (2) | | | | |
| 2.4.10 Long-term trend period | N/A | | | | |
| 2.4.11 Long term trend direction | min | max | confidence interval | | |
| 2.4.12 Long-term trend magnitude | N/A | | | | |
| 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 | Improved knowledge/more accurate data | | | | |
| 2.5 Habitat for the Species | | | | | |
| 2.5.1 Surface area - Habitat (km ²) | 2,1 | | | | |
| 2.5.2 Year or period | 2007-2012 | | | | |
| 2.5.3 Method used - habitat | Estimate based on partial data with some extrapolation and/or modelling (2) | | | | |
| 2.5.4 a) Quality of habitat | Good | | | | |
| 2.5.4 b) Quality of habitat - method | erdőgazdálkodás, víztest természetessége, vízminőség | | | | |
| 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 | 2,1 | | | | |
| 2.5.9 Area of suitable habitat (km ²) | Improved knowledge/more accurate data | | | | |
| 2.5.10 Reason for change | | | | | |

2.6 Main Pressures

| Pressure | ranking | pollution qualifier(s) |
|---|-----------------------|------------------------|
| Forest and Plantation management & use (B02) | medium importance (M) | N/A |
| forestry clearance (B02.02) | high importance (H) | N/A |
| Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01) | medium importance (M) | N/A |
| reduction or loss of specific habitat features (J03.01) | 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

2.7 Main Threats

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| Threat | ranking | pollution qualifier(s) |
|---|-----------------------|------------------------|
| Forest and Plantation management & use (B02) | medium importance (M) | N/A |
| forestry clearance (B02.02) | high importance (H) | N/A |
| Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01) | medium importance (M) | N/A |
| reduction or loss of specific habitat features (J03.01) | low importance (L) | N/A |
| Water abstractions from surface waters (J02.06) | 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 Favourable (FV)
qualifiers N/A

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

2.9.3. Habitat assessment Favourable (FV)
qualifiers N/A

2.9.4. Future prospects assessment Favourable (FV)
qualifiers N/A

2.9.5 Overall assessment of Conservation Status
Favourable (FV)

2.9.5 Overall trend in Conservation Status
N/A

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

3.1 Population

3.1.1 Population Size Unit number of localities (localities)
min 42 max 44

3.1.2 Method used Estimate based on partial data with some extrapolation and/or modelling (2)

3.1.3 Trend of population size within N/A

3.2 Conversation 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) | Both | Long term |

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

Ritka hegyiszikötő (*Cordulegaster heros*)

II., IV. melléklet

