

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

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|---|-----------------------------|
| 0.1 Member State | HU |
| 0.2.1 Species code | 4063 |
| 0.2.2 Species name | Sadleriana pannonica |
| 0.2.3 Alternative species scientific name | N/A |
| 0.2.4 Common name | tornai patakcsiga |

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)

Farkas, R. (2008): Adatok az Aggteleki-karszt, a Cserehát és a Putnoki-dombság Mollusca faunájához II. - Malakológiai Tájékoztató, 26: 43-80
Fehér Z., Major Á, Krízsik V. (2013): Spatial pattern of intraspecific mitochondrial diversity in the Northern Carpathian endemic spring snail, *Bythinella pannonica* (Frauenfeld, 1865) (Gastropoda: Hydrobiidae). – Organism Diversity and Evolution, in press

2.3 Range

| | |
|---|--|
| 2.3.1 Surface area - Range (km ²) | 974 |
| 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 |
| 2.4.2 Population size (other than individuals) | Unit number of localities (localities) min max 40 |
| 2.4.3 Additional information | Definition of locality A fajnak otthont adó víztestek száma (patakok, források). |

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|---|--|------------------------|
| | Conversion method | |
| 2.4.4 Year or period | Problems | |
| 2.4.5 Method – population size | 2007-2012 | |
| 2.4.6 Short-term trend period | Estimate based on partial data with some extrapolation and/or modelling (2) | |
| 2.4.7 Short term trend direction | 2001-2012 | |
| 2.4.8 Short-term trend magnitude | stable (0) | |
| 2.4.9 Short-term trend method | min max confidence interval | |
| 2.4.10 Long-term trend period | Estimate based on partial data with some extrapolation and/or modelling (2) | |
| 2.4.11 Long term trend direction | N/A | |
| 2.4.12 Long-term trend magnitude | min max confidence interval | |
| 2.4.13 Long-term trend method | N/A | |
| 2.4.14 Favourable reference population | number 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) | 0,2 | |
| 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 | a faj élőhelyéül szolgáló források vízminősége, patakok morfológiai jellemzői, természetessége, ökológiai állapota | |
| 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 | 0,2 | |
| 2.5.9 Area of suitable habitat (km ²) | | |
| 2.5.10 Reason for change | Improved knowledge/more accurate data | |
| 2.6 Main Pressures | | |
| Pressure | ranking | pollution qualifier(s) |
| Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01) | low importance (L) | N/A |
| Forest and Plantation management & use (B02) | low importance (L) | N/A |
| damage caused by game (excess population density) (F03.01.01) | low importance (L) | N/A |
| reduction or loss of specific habitat features (J03.01) | medium importance (M) | N/A |
| other outdoor sports and leisure activities (G01.08) | 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 | | |

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| Threat | ranking | pollution qualifier(s) |
|---|-----------------------|------------------------|
| Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01) | low importance (L) | N/A |
| Forest and Plantation management & use (B02) | low importance (L) | N/A |
| damage caused by game (excess population density) (F03.01.01) | low importance (L) | N/A |
| reduction or loss of specific habitat features (J03.01) | medium importance (M) | N/A |
| other outdoor sports and leisure activities (G01.08) | 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 30 max 35

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) | Administrative | medium importance (M) | Inside | Maintain |
| Adapt forest management (3.2) | Administrative | medium importance (M) | Inside | Maintain |

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| Other wetland-related measures (4.0) | Legal Administrative Recurrent | high importance (H) | Both | Maintain Enhance |
|--------------------------------------|--------------------------------------|---------------------|------|---------------------|

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

Tornai patakcsiga (*Sadleriana pannonica*)

II., IV. melléklet

