

# 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                        | 4064                    |
| 0.2.2 Species name                        | Theodoxus transversalis |
| 0.2.3 Alternative species scientific name | N/A                     |
| 0.2.4 Common name                         | sávos bődöncsigai       |

## 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)

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

Varga A. (2008): A magyarországi Bodrogköz Mollusca faunája. Folia Historico Naturalia Musei Matraensis 32 pp. 27-55.

### 2.3 Range

|   |   |
|---|---|
| 2.3.1 Surface area - Range (km <sup>2</sup> ) | 1640  |
| 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 <sup>2</sup> ) operator more than (>)<br>unkown No<br>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 | number of individuals (i)                               |     |          |
|   | min  | 1900000   | max | 72200000 |
| 2.4.2 Population size (other than individuals)          | Unit | N/A   |     |          |
|   | min  |   | max |          |
| 2.4.3 Additional information                            |      | Definition of locality<br>Conversion method<br>Problems |     |          |

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|  |   |               |                     |
|--|---|---------------|---------------------|
| 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  | more than (>) |                     |
|  | unknown   | No            |                     |
|  | method  |               |                     |
| 2.4.15 Reason for change               | Improved knowledge/more accurate data Use of different method               |               |                     |

## 2.5 Habitat for the Species

|   |   |  |
|---|---|--|
| 2.5.1 Surface area - Habitat (km <sup>2</sup> )   | 1,9   |  |
| 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                       | Moderate  |  |
| 2.5.4 b) Quality of habitat - method              | víztestek hidromorfológiai jellemzői, vízminőség, megfelelő aljzat          |  |
| 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                   | 3   |  |
| 2.5.9 Area of suitable habitat (km <sup>2</sup> ) | Improved knowledge/more accurate data Use of different method               |  |
| 2.5.10 Reason for change                          |   |  |

## 2.6 Main Pressures

| Pressure  | ranking               | pollution qualifier(s) |
|---|-----------------------|------------------------|
| Sand and gravel extraction (C01.01)   | low importance (L)    | 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)                     | high importance (H)   | N/A                    |
| Modification of hydrographic functioning, general (J02.05)                  | high importance (H)   | N/A                    |
| antagonism arising from introduction of species (K03.05)                    | 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 information

## 2.7 Main Threats

| Threat  | ranking               | pollution qualifier(s) |
|---|-----------------------|------------------------|
| Sand and gravel extraction (C01.01)   | low importance (L)    | 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)                     | high importance (H)   | N/A                    |
| Modification of hydrographic functioning, general (J02.05)                  | high importance (H)   | N/A                    |
| antagonism arising from introduction of species (K03.05)                    | low importance (L)    | N/A                    |

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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 Inadequate (U1)  
qualifiers stable (=)

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

2.9.4. Future prospects assessment Inadequate (U1)  
qualifiers unknown (x)

2.9.5 Overall assessment of Conservation Status

2.9.5 Overall trend in Conservation Status  
stable (=)

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

### 3.1 Population

3.1.1 Population Size Unit number of individuals (i)  
min 1800000 max 68500000

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) | Inside         | Long term              |
| Other wetland-related measures (4.0)    | Legal<br>Administrative<br>Recurrent | high importance (H)   | Both           | Maintain<br>Enhance    |

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

Sávos bődöncsiga    (*Theodoxus transversalis*)

II., IV. melléklet

