

# 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	4123
0.2.2 Species name	<b>Eudontomyzon danfordi</b>
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	ingolák

## 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)

Hegyessy, G. (2007): Adatok Magyarország északkeleti részének gerinces állatairól (Vertebrata) I. - Ingolák (Petromyzontiformes), halak (Pisces), kétéltűek (Amphibia), hüllők (Reptilia). - A Herman Ottó Múzeum Évkönyve, 499-521.

Sály P., Takács P., Erős T. (2009): Halfauisztiakai vizsgálatok Borsod-Abaúj-Zemplén megye északi térségében. - Állattani Közlemények, 94(1): 73-91.

DE Hidrobiológiai Tanszék (2010): A Petényi-márna Barbus peloponnesius petenyi (Heckel, 1852) hazai státuszának vizsgálata. – kutatási jelentés

### 2.3 Range

2.3.1 Surface area - Range (km <sup>2</sup> )	6803
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> )
2.3.9 Favourable reference range	operator approximately equal to (≈) unkown No method
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 map 10x10 km grid cells (grids10x10) min max 51 86

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<b>2.4.3 Additional information</b>	Definition of locality Conversion method Problems	
<b>2.4.4 Year or period</b>	2007-2012	
<b>2.4.5 Method – population size</b>	Estimate based on partial data with some extrapolation and/or modelling (2)	
<b>2.4.6 Short-term trend period</b>	2001-2012	
<b>2.4.7 Short term trend direction</b>	stable (0)	
<b>2.4.8 Short-term trend magnitude</b>	min                          max                          confidence interval	
<b>2.4.9 Short-term trend method</b>	Estimate based on partial data with some extrapolation and/or modelling (2)	
<b>2.4.10 Long-term trend period</b>	N/A	
<b>2.4.11 Long term trend direction</b>	min                          max                          confidence interval	
<b>2.4.12 Long-term trend magnitude</b>	N/A	
<b>2.4.13 Long-term trend method</b>	number operator      approximately equal to (≈) unknown        No method	
<b>2.4.14 Favourable reference population</b>		
<b>2.4.15 Reason for change</b>	Improved knowledge/more accurate data	
<b>2.5 Habitat for the Species</b>		
<b>2.5.1 Surface area - Habitat (km<sup>2</sup>)</b>	70	
<b>2.5.2 Year or period</b>	2007-2012	
<b>2.5.3 Method used - habitat</b>	Estimate based on partial data with some extrapolation and/or modelling (2)	
<b>2.5.4 a) Quality of habitat</b>	Moderate	
<b>2.5.4 b) Quality of habitat - method</b>	hosszirányú átjárhatóság, vízminőség, áramlási viszonyok változása	
<b>2.5.5 Short term trend period</b>	2001-2012	
<b>2.5.6 Short term trend direction</b>	stable (0)	
<b>2.5.7 Long-term trend period</b>	N/A	
<b>2.5.8 Long term trend direction</b>	70	
<b>2.5.9 Area of suitable habitat (km<sup>2</sup>)</b>		
<b>2.5.10 Reason for change</b>	Improved knowledge/more accurate data	
<b>2.6 Main Pressures</b>		
Pressure	ranking	pollution qualifier(s)
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
Drying out (K01.03)	low importance (L)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	high importance (H)	N/A
Landfill, land reclamation and drying out, general (J02.01)	low importance (L)	N/A
human induced changes in hydraulic conditions (J02)	medium importance (M)	N/A
<b>2.6.1 Method used – pressures</b>	based exclusively or to a larger extent on real data from sites/occurrences or other sources	
<b>2.7 Main Threats</b>		
Threat	ranking	pollution qualifier(s)
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
Drying out (K01.03)	low importance (L)	N/A

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anthropogenic reduction of habitat connectivity (J03.02)	high importance (H)	N/A
Landfill, land reclamation and drying out, general (J02.01)	low importance (L)	N/A
human induced changes in hydraulic conditions (J02)	high importance (H)	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 Inadequate (U1)  
qualifiers stable (=)

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

2.9.5 Overall assessment of Conservation Status  
Inadequate (U1)

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 map 10x10 km grid cells (grids10x10)  
min 45 max 77

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 wetland-related measures (4.0)	Legal Administrative Recurrent	high importance (H)	Both	Maintain Enhance Long term
Other spatial measures (6.0)	Legal Administrative Recurrent	low importance (L)	Both	Long term
Other species management measures (7.0)	Recurrent	high importance (H)	Inside	Long term

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

**Tiszai ingola** (*Eudontomyzon danfordi*)

II. melléklet

