

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

## NATIONAL LEVEL

### 1. General information

1.1 Member State	HU
1.2 Species code	4123
1.3 Species scientific name	Eudontomyzon danfordi
1.4 Alternative species scientific name	
1.5 Common name (in national language)	tiszai ingola

### 2. Maps

2.1 Sensitive species	No
2.2 Year or period	2013-2018
2.3 Distribution map	Yes
2.4 Distribution map Method used	Complete survey or a statistically robust estimate
2.5 Additional maps	No

### 3. Information related to Annex V Species (Art. 14)

3.1 Is the species taken in the wild/exploited?	No																
3.2 Which of the measures in Art. 14 have been taken?	<table> <tr> <td>a) regulations regarding access to property</td><td>No</td></tr> <tr> <td>b) temporary or local prohibition of the taking of specimens in the wild and exploitation</td><td>No</td></tr> <tr> <td>c) regulation of the periods and/or methods of taking specimens</td><td>No</td></tr> <tr> <td>d) application of hunting and fishing rules which take account of the conservation of such populations</td><td>No</td></tr> <tr> <td>e) establishment of a system of licences for taking specimens or of quotas</td><td>No</td></tr> <tr> <td>f) regulation of the purchase, sale, offering for sale, keeping for sale or transport for sale of specimens</td><td>No</td></tr> <tr> <td>g) breeding in captivity of animal species as well as artificial propagation of plant species</td><td>No</td></tr> <tr> <td>h) other measures</td><td>No</td></tr> </table>	a) regulations regarding access to property	No	b) temporary or local prohibition of the taking of specimens in the wild and exploitation	No	c) regulation of the periods and/or methods of taking specimens	No	d) application of hunting and fishing rules which take account of the conservation of such populations	No	e) establishment of a system of licences for taking specimens or of quotas	No	f) regulation of the purchase, sale, offering for sale, keeping for sale or transport for sale of specimens	No	g) breeding in captivity of animal species as well as artificial propagation of plant species	No	h) other measures	No
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3.3 Hunting bag or quantity taken in the wild for Mammals and Acipenseridae (Fish)

a) Unit

b) Statistics/ quantity taken	Provide statistics/quantity per hunting season or per year (where season is not used) over the reporting period					
	Season/ year 1	Season/ year 2	Season/ year 3	Season/ year 4	Season/ year 5	Season/ year 6
Min. (raw, ie. not rounded)						
Max. (raw, ie. not rounded)						
Unknown	No	No	No	No	No	No

3.4. Hunting bag or quantity taken in the wild Method used

3.5. Additional information

## BIOGEOGRAPHICAL LEVEL

### 4. Biogeographical and marine regions

4.1 Biogeographical or marine region where the species occurs

**Pannonian (PAN)**

4.2 Sources of information

Nemzeti Biodiverzitás-monitorozó Rendszer 2013-2018 közt végzett felméréseinek jelentései

Jakab Tibor (2014): A tiszai ingola (Eudontomyzon danfordi) újabb lelőhelye a Tiszában. - Halászat, 107. évfolyam, 1. szám, 13. oldal

### 5. Range

5.1 Surface area

1542

5.2 Short-term trend Period

2007-2018

5.3 Short-term trend Direction

Stable (0)

5.4 Short-term trend Magnitude

a) Minimum

b) Maximum

5.5 Short-term trend Method used

Complete survey or a statistically robust estimate

5.6 Long-term trend Period

5.7 Long-term trend Direction

5.8 Long-term trend Magnitude

a) Minimum

b) Maximum

5.9 Long-term trend Method used

5.10 Favourable reference range

a) Area (km<sup>2</sup>)

b) Operator

c) Unknown

d) Method

Approximately equal to (≈)

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## 5.11 Change and reason for change in surface area of range

Improved knowledge/more accurate data

The change is mainly due to: Improved knowledge/more accurate data

## 5.12 Additional information

We evaluate the 3 Eudontomyzon taxa together in the last report. The range of E. danfordi is changed due to the development of our knowledge.

## 6. Population

### 6.1 Year or period

2013-2018

### 6.2 Population size (in reporting unit)

- a) Unit number of map 1x1 km grid cells (grids1x1)
- b) Minimum
- c) Maximum
- d) Best single value 36

### 6.3 Type of estimate

Minimum

### 6.4 Additional population size (using population unit other than reporting unit)

- a) Unit
- b) Minimum
- c) Maximum
- d) Best single value

### 6.5 Type of estimate

### 6.6 Population size Method used

Complete survey or a statistically robust estimate

### 6.7 Short-term trend Period

2007-2018

### 6.8 Short-term trend Direction

Stable (0)

### 6.9 Short-term trend Magnitude

- a) Minimum
- b) Maximum
- c) Confidence interval

### 6.10 Short-term trend Method used

Complete survey or a statistically robust estimate

### 6.11 Long-term trend Period

### 6.12 Long-term trend Direction

### 6.13 Long-term trend Magnitude

- a) Minimum
- b) Maximum
- c) Confidence interval

### 6.14 Long-term trend Method used

### 6.15 Favourable reference population (using the unit in 6.2 or 6.4)

- a) Population size
- b) Operator Approximately equal to (≈)
- c) Unknown
- d) Method

### 6.16 Change and reason for change in population size

Improved knowledge/more accurate data

Use of different method

The change is mainly due to: Use of different method

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## 6.17 Additional information

We consider the change of population unit from 10x10 km ETRS to 1x1 km ETRS as other method was used.

## 7. Habitat for the species

### 7.1 Sufficiency of area and quality of occupied habitat

a) Are area and quality of occupied habitat sufficient (for long-term survival)? Yes

b) Is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)?

### 7.2 Sufficiency of area and quality of occupied habitat Method used

Complete survey or a statistically robust estimate

### 7.3 Short-term trend Period

2007-2018

### 7.4 Short-term trend Direction

Stable (0)

### 7.5 Short-term trend Method used

Complete survey or a statistically robust estimate

### 7.6 Long-term trend Period

### 7.7 Long-term trend Direction

### 7.8 Long-term trend Method used

### 7.9 Additional information

## 8. Main pressures and threats

### 8.1 Characterisation of pressures/threats

Pressure	Ranking
Mixed source pollution to surface and ground waters (limnic and terrestrial) (J01)	M
Logging without replanting or natural regrowth (B05)	M
Threats and pressures from outside the Member State (Xo)	M
Management of fishing stocks and game (G08)	M
Threat	Ranking
Mixed source pollution to surface and ground waters (limnic and terrestrial) (J01)	M
Logging without replanting or natural regrowth (B05)	M
Threats and pressures from outside the Member State (Xo)	M
Management of fishing stocks and game (G08)	M
Droughts and decreases in precipitation due to climate change (N02)	M

### 8.2 Sources of information

### 8.3 Additional information

## 9. Conservation measures

### 9.1 Status of measures

a) Are measures needed? Yes  
b) Indicate the status of measures Measures identified, but none yet taken

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9.2 Main purpose of the measures taken

9.3 Location of the measures taken

9.4 Response to the measures

Medium-term results (within the next two reporting periods, 2019-2030)

9.5 List of main conservation measures

Reduce impact of mixed source pollution (CJ01)

Adapt/change forest management and exploitation practices (CB05)

Other measures to reduce impacts of freshwater aquaculture infrastructures and operation (CG14)

9.6 Additional information

## 10. Future prospects

10.1 Future prospects of parameters

a) Range	Good
b) Population	Good
c) Habitat of the species	Unknown

10.2 Additional information

## 11. Conclusions

11.1. Range

Favourable (FV)

11.2. Population

Favourable (FV)

11.3. Habitat for the species

Favourable (FV)

11.4. Future prospects

Favourable (FV)

11.5 Overall assessment of Conservation Status

Favourable (FV)

11.6 Overall trend in Conservation Status

Stable (=)

11.7 Change and reasons for change in conservation status and conservation status trend

a) Overall assessment of conservation status

No change

The change is mainly due to:

b) Overall trend in conservation status

No change

The change is mainly due to:

11.8 Additional information

The 3 Eudontomyzon taxa was evaluated together in the last report, we could not interpret the change only for the E. danfordi.

## 12. Natura 2000 (pSCIs, SCIs and SACs) coverage for Annex II species

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12.1 Population size inside the pSCIs, SCIs and SACs network (on the biogeographical/marine level including all sites where the species is present)	a) Unit	number of map 1x1 km grid cells (grids1x1)
	b) Minimum	
	c) Maximum	
	d) Best single value	33
12.2 Type of estimate	Minimum	
12.3 Population size inside the network Method used	Complete survey or a statistically robust estimate	
12.4 Short-term trend of population size within the network Direction	Stable (0)	
12.5 Short-term trend of population size within the network Method used	Complete survey or a statistically robust estimate	
12.6 Additional information		

## 13. Complementary information

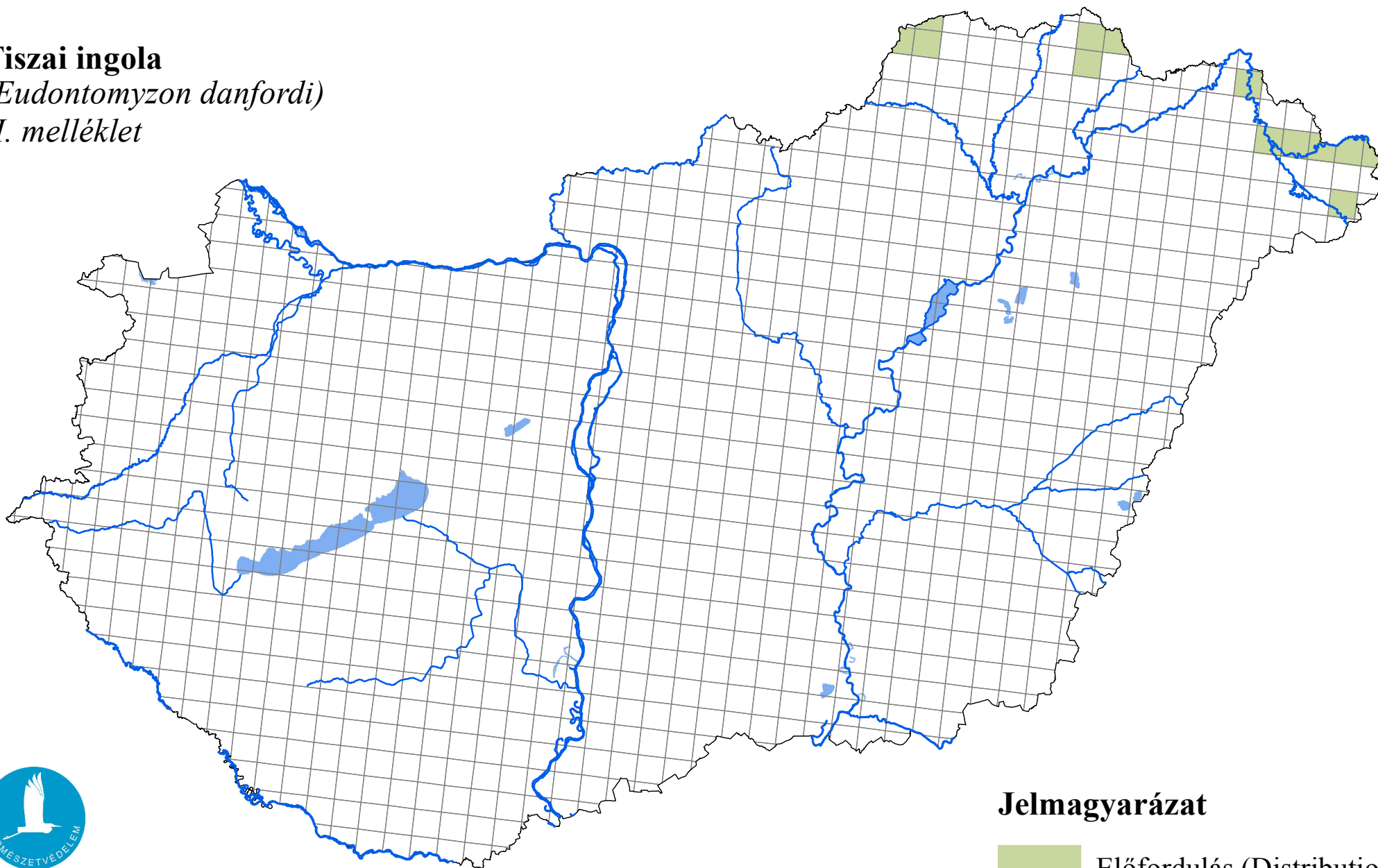
13.1 Justification of % thresholds for trends
13.2 Trans-boundary assessment
13.3 Other relevant Information

# Az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentés 2019

## Tiszai ingola

(*Eudontomyzon danfordi*)

II. melléklet



Forrás: Agrárminisztérium,  
Természetmegőrzési Főosztály

### Jelmagyarázat

