

# 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	5037
0.2.2 Species name	<b>Lacerta vivipara pannonica</b>
0.2.3 Alternative species scientific name	Zootoca vivipara
0.2.4 Common name	elevenszülő (Hegyi) gyík

## 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

Puky M., Schád P. (2009): The amphibian and reptile fauna of the Bodrogköz region in Hungary. Thaiszia Jurnal of Botany., Košice, 19, Suppl. 1 :pp.: 403-411.

Puky, M., Schád, P. & Somlai, T. (2008): A Bodrogköz kétéltű- (Amphibia) és hüllő- (Reptilia) faunája. In: Tuba, Z. (szerk): Bodrogköz (A magyarországi Bodrogköz tájmonografiája). Lorántffy Zsuzsanna Szellemében Természet- és Társadalomtudományi Alapítvány, Gödöllő. 821-836.

### 2.3 Range

2.3.1 Surface area - Range (km <sup>2</sup> )	1119
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 much more than (>>) unkown No method
2.3.9 Favourable reference range	
2.3.10 Reason for change	Improved knowledge/more accurate dataUse of different method

### 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 map 10x10 km grid cells (grids10x10)		
	min	13	max	13
2.4.3 Additional information	Definition of locality			Conversion method
	Problems			Kis elterjedésű, rejtett életmódú hullőfaj. Az elmúlt évek intenzív faunisztikai vizsgálatai ellenére is nem teljesen feltárt a magyarországi elterjedése. Állományainak monitorozása pontos módszertan hiányában nem megoldott.
2.4.4 Year or period	2009-2012			
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	much more than (>>)		
	unknown	No		
	method			
2.4.15 Reason for change	Improved knowledge/more accurate data Use of different method			
<b>2.5 Habitat for the Species</b>				
2.5.1 Surface area - Habitat (km <sup>2</sup> )	112			
2.5.2 Year or period	2009-2012			
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	Lápos, láprétes élőhelyeinek legnagyobb része védett és/vagy Natura 2000 területeken található, ökológiai állapotukban jelentős negatív változás nem következett be az elmúlt évek során.			
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			
2.5.9 Area of suitable habitat (km <sup>2</sup> )				
2.5.10 Reason for change	Improved knowledge/more accurate data Use of different method			

Pressure	ranking	pollution qualifier(s)
intensive mowing or intensification (A03.01)	medium importance (M)	N/A
forest replanting (B02.01)	high importance (H)	N/A
burning down (J01.01)	medium importance (M)	N/A
Water abstractions from surface waters (J02.06)	high importance (H)	N/A
large scale water deviation (J02.03.01)	high importance (H)	N/A

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species composition change (succession) (K02.01)	medium importance (M)	N/A
predation (K03.04)	medium importance (M)	N/A

2.6.1 Method used – pressures	based exclusively or to a larger extent on real data from sites/occurrences or other information
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Threat	ranking	pollution qualifier(s)
intensive mowing or intensification (A03.01)	medium importance (M)	N/A
forest replanting (B02.01)	high importance (H)	N/A
burning down (J01.01)	medium importance (M)	N/A
Water abstractions from surface waters (J02.06)	high importance (H)	N/A
large scale water deviation (J02.03.01)	high importance (H)	N/A
species composition change (succession) (K02.01)	medium importance (M)	N/A
predation (K03.04)	medium importance (M)	N/A

2.7.1 Method used – threats	expert opinion (1)
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2.8 Complementary Information
2.8.1 Justification of % thresholds for trends
2.8.2 Other relevant Information

Magyarországon jégkorszaki reliktum fajok közé tartozik. Elsősorban alacsony relief energiájú, mocsaras területeken, nedves lápréteken fordul elő. Megtalálható a Hanságban, Bátorligeten, a Bodrogközben, Szatmár-Beregben, de Ócsa - Dabas térségeből is ismert előfordulása.

2.8.3 Trans-boundary assessment
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2.9 Conclusions (assessment of conservation status at end of reporting period)
2.9.1 Range
assessment Bad (U2) qualifiers stable (=)
2.9.2. Population
assessment Bad (U2) qualifiers declining (-)
2.9.3. Habitat
assessment Inadequate (U1) qualifiers declining (-)
2.9.4. Future prospects
assessment Unknown (XX) qualifiers N/A
2.9.5 Overall assessment of Conservation Status
Bad (U2)
2.9.5 Overall trend in Conservation Status
unknown (x)

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

### 3.1 Population

3.1.1 Population Size	Unit	N/A
	min	max
3.1.2 Method used	N/A	
3.1.3 Trend of population size within	N/A	

### 3.2 Conversation Measures

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

**Elevenszülő gyík** (*Lacerta [Zootoca] vivipara pannonica*)

IV. melléklet

