

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	1159
0.2.2 Species name	Zingel zingel
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	magyar bucó

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)

Györe, K., Józsa, V. (2009): A magyar és a német bucó (Zingel zingel, Z. streber) elterjedési mintázatának változása a romániai eredetű cianidszenyezés hatására a Tisza magyarországi felső szakaszán. - Pisces Hungarici, 3: 39-46.

Harka, Á., Szepesi, Zs., Halasi-Kovács, B. (2007): A vízminőség javulásának hatása a Sajó magyar szakaszának halfaunájára. - Pisces Hungarici, 2: 51-64.

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

2.3 Range

2.3.1 Surface area - Range (km ²)	15220
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	
2.3.7 Long-term trend direction	N/A
2.3.8 Long-term trend magnitude	min max
2.3.9 Favourable reference range	area (km ²) 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 110 181

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2.4.3 Additional information	Definition of locality Conversion method Problems	
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 operator approximately equal to (≈) unknown No method	
2.4.14 Favourable reference population		
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)	250	
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	áramlási viszonyok, a medermorfológiai jellemzők , vízminőség	
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	250	
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)
pole fishing (F02.03.02)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
Modification of hydrographic functioning, general (J02.05)	high importance (H)	N/A
dredging/ removal of limnic sediments (J02.02.01)	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 sources	
2.7 Main Threats		
Threat	ranking	pollution qualifier(s)
pole fishing (F02.03.02)	low importance (L)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
Modification of hydrographic functioning, general (J02.05)	high importance (H)	N/A

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dredging/ removal of limnic sediments (J02.02.01)	medium importance (M)	N/A
2.7.1 Method used – threats	expert opinion (1)	
<h2>2.8 Complementary Information</h2>		
2.8.1 Justification of % thresholds for trends		
2.8.2 Other relevant Information		
2.8.3 Trans-boundary assessment		
<h2>2.9 Conclusions (assessment of conservation status at end of reporting period)</h2>		
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

<h3>3.1 Population</h3>		
3.1.1 Population Size	Unit min	number of map 10x10 km grid cells (grids10x10) 99
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

3.2.1 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)	Inside	Long term
Other species management measures (7.0)	Recurrent	high importance (H)	Both	Long term

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

Magyar bucó (*Zingel zingel*)

II., V. melléklet

