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	**1082**
0.2.2 Species name	**Graphoderus bilineatus**
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	széles tavicsíkbogár

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)**
2.2 Published sources	Kálmán Z., Boda R., Kálmán A., Ortmann-Ajkai A., Soós N. & Csabai Z. 2011: Contribution to the aquatic Coleoptera (Hydradephaga, Hydrophiloidea, Dryopidae) and Heteroptera (Gerromorpha, Nepomorpha) fauna of Dráva Plain, SW Hungary. – Acta Biologia Debrecina Supplementum Oecologica Hungarica 26: 117–134. Online: http://www.mavige.hu/dokument/8kotet/mavige8_11_kalmanz_en.pdf Kálmán Z., Soós N., Kálmán A. & Csabai Z. 2008: Contribution to the aquatic coleoptera and heteroptera fauna of Upper-Tisza region (Coleoptera: Hydradephaga, Hydrophiloidea; Heteroptera: Gerromorpha, Nepomorpha). – Acta Biologica Debrecina Supplementum Oecologica Hungarica 18: 73–82. Online: http://www.mavige.hu/dokument/5kotet/mavige5_08_kalmanzetal.pdf Soós N., Kálmán Z. & Csabai Z. 2008: Contribution to the aquatic Coleoptera and Heteroptera fauna of Bodrogköz, NE Hungary (Coleoptera: Hydradephaga, Hydrophiloidea; Heteroptera: Gerromorpha, Nepomorpha). – Acta Biologica Debrecina Supplementum Oecologica Hungarica 18: 219–230. Online: http://www.mavige.hu/dokument/5kotet/mavige5_20_soosetal.pdf

2.3 Range

2.3.1 Surface area - Range (km²)	2419	
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 (km²)	
	operator	approximately equal to (≈)
	unkown	No
	method	
2.3.10 Reason for change	Improved knowledge/more accurate data	

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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 localities (localities)		
	min	20	max	24
2.4.3 Additional information	Definition of locality	A vízterek száma, ahonnan előkerült a faj.		
	Conversion method			
	Problems	A széles tavicsíkbogár esetében állománybecslésre alkalmas, megbízható mennyiségi mintavételi módszer nem ismert, jelenléte azonban könnyen kimutatható. Egyedszáma rendkívüli mértékben ingadozik.		
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	unknown (x)			
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				
2.4.11 Long term trend direction	N/A			
2.4.12 Long-term trend magnitude	min		max	confidence interval
2.4.13 Long-term trend method	N/A			
2.4.14 Favourable reference population	number			
	operator	approximately equal to (≈)		
	unknown	No		
	method			
2.4.15 Reason for change	Improved knowledge/more accurate data			

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km²)	6
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	A holtágak, állóvizek vízháztartása (állandó vízborítás, rendszeres elöntés), szukcessziós állapota, hínárnövényzet struktúrája.
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	
2.5.8 Long term trend direction	N/A
2.5.9 Area of suitable habitat (km²)	6
2.5.10 Reason for change	Improved knowledge/more accurate data

2.6 Main Pressures

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Pressure	ranking	pollution qualifier(s)
diffuse pollution to surface waters due to agricultural and forestry activities (H01.05)	low importance (L)	N/A
Other human induced changes in hydraulic conditions (J02.15)	low importance (L)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	low importance (L)	N/A
Drying out (K01.03)	low importance (L)	N/A
lack of flooding (J02.04.02)	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 othe

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
diffuse pollution to surface waters due to agricultural and forestry activities (H01.05)	low importance (L)	N/A
Other human induced changes in hydraulic conditions (J02.15)	low importance (L)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	low importance (L)	N/A
Drying out (K01.03)	low importance (L)	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: A széles tavicsíkbogár mintavételezése aránylag könnyű. Állományméret-becslésre egyetlen lokalitáson került sor (fogás-jelölés-visszafogás révén), de ezt a szerzők sem tartják megbízhatónak. Egyedszáma rendkívüli mértékben ingadozik.

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 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

3.1 Population

3.1.1 Population Size
Unit number of localities (localities)
min 17 max 21

3.1.2 Method used: Estimate based on partial data with some extrapolation and/or modelling (2)

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3.1.3 Trend of population size within	N/A

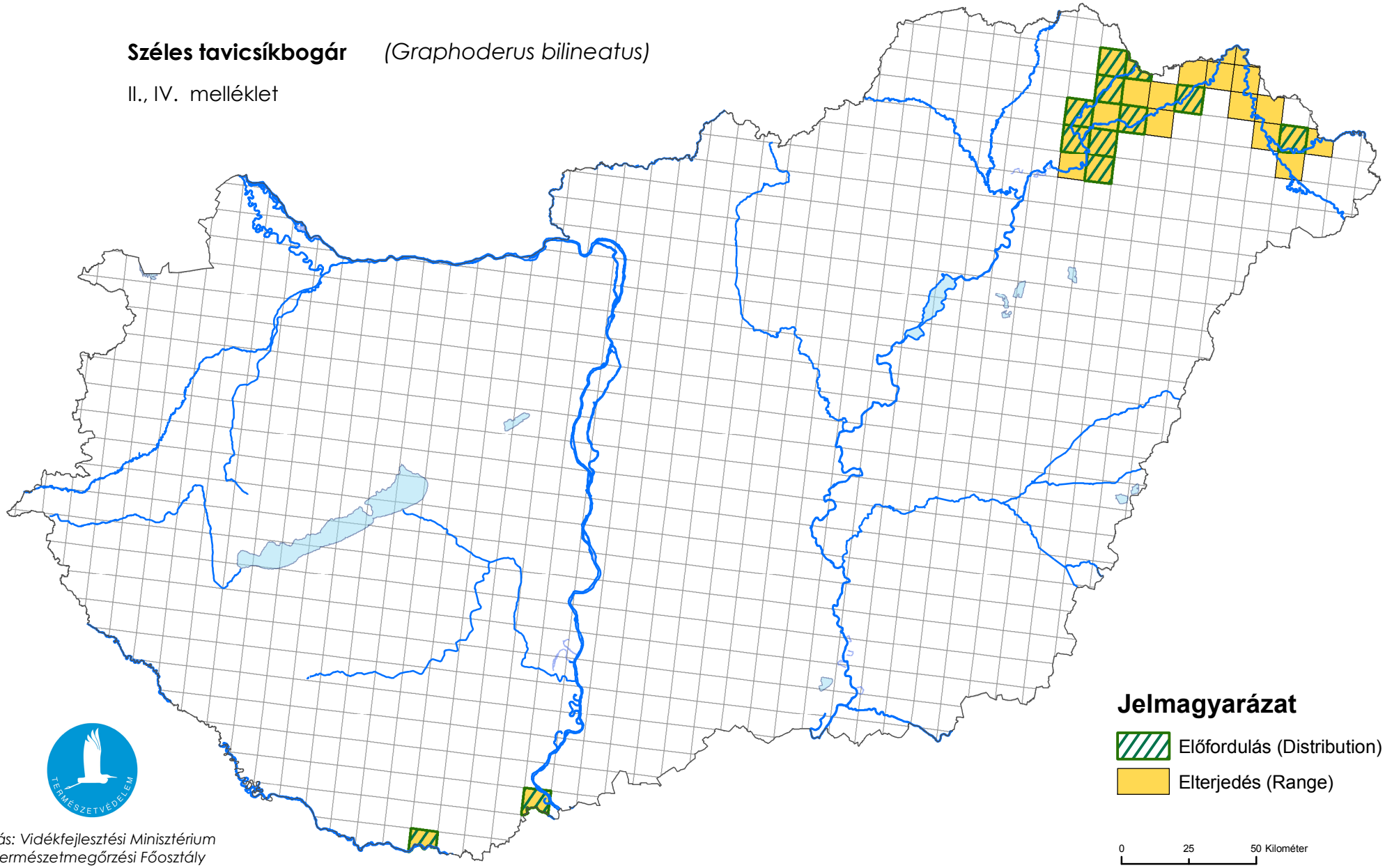
3.2 Conversation Measures

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)	Both	Long term

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

Széles tavicsíkbogár *(Graphoderus bilineatus)*

II., IV. melléklet



Forrás: Vidékfejlesztési Minisztérium
Természetmegőrzési Főosztály