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	**4022**
0.2.2 Species name	**Probaticus subrugosus**
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	ráncos gyászbogár

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	A Nemzeti Biodiverzitás-monitorozó Rendszer keretében 2007-2012 között végzett felmérések kutatási jelentései Kovács T., Magos G. & Urbán L. 2009: Ritka és természetvédelmi szempontból jelentős rovarok (Insecta) a Mátra és Tarnavidék területéről. – Folia Historico Naturalia Musei Matraensis 33: 211–222. Online: http://www.matramuzeum.hu/e107_files/public/docrep/18_Kovacs_Tarnavidek.pdf Kovács T., Magos G. & Urbán L. 2010: Ritka és természetvédelmi szempontból jelentős rovarok (Insecta) a Mátra és Tarnavidék területéről II. – Folia Historico Naturalia Musei Matraensis 34: 221–222. Online: http://www.matramuzeum.hu/e107_files/public/docrep/vol.34._2010/16_Kovacs_Ritka_rovarok.pdf

2.3 Range

2.3.1 Surface area - Range (km²)	500	
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	more than (>)
	unkown	No
	method	
2.3.10 Reason for change	Improved knowledge/more accurate data	

2.4 Population

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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	3	max	7
2.4.3 Additional information	Definition of locality			
	Conversion method			
	Problems	A ráncos gyászbogár egyedszáma mindenütt alacsony, és mintavételezése nehéz, ezért egyedszáma nem becsülhető. A 10×10 gridek száma a faj jelenlétét jelzi az adott négyzetekben.		
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	N/A		
	unknown	Yes		
	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)	4
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	Bad
2.5.4 b) Quality of habitat - method	kezelés, területhasználat, elszigeteltség
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)	8
2.5.10 Reason for change	Improved knowledge/more accurate data

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
grassland removal for arable land (A02.03)	high importance (H)	N/A
intensive mowing or intensification (A03.01)	low importance (L)	N/A
artificial planting on open ground (non-native trees) (B01.02)	medium importance (M)	N/A
Discharges (E03)	medium importance (M)	N/A
invasive non-native species (I01)	high importance (H)	N/A

problematic native species (I02)	high importance (H)	N/A
burning down (J01.01)	high importance (H)	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)
grassland removal for arable land (A02.03)	high importance (H)	N/A
intensive mowing or intensification (A03.01)	low importance (L)	N/A
artificial planting on open ground (non-native trees) (B01.02)	medium importance (M)	N/A
Discharges (E03)	medium importance (M)	N/A
invasive non-native species (I01)	high importance (H)	N/A
problematic native species (I02)	high importance (H)	N/A
burning down (J01.01)	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: A ráncos gyászbogár nagyon nehezen detektálható (rajzási ideje rövid, éjszaka mozog, talajlakó, kicsi, beleolvad a környezetébe). Tényleges és potenciális élőhelyei kicsik, töredékesek, sérülékenyek. Bár Natura 2000 jelölőfaj, projektszerű felmérésére csak egyszer került sor (az is sikertelenül végződött). 2007-ben csupán 3 elfordulása volt ismert, ma 5, ez az észlelési határ közelében van; ez a minimális növekedés független a faj helyzetétől.

2.8.3 Trans-boundary assessment:

2.9 Conclusions (assessment of conservation status at end of reporting period)

2.9.1 Range: assessment Inadequate (U1); qualifiers stable (=)

2.9.2. Population: assessment Unknown (XX); qualifiers N/A

2.9.3. Habitat: assessment Bad (U2); qualifiers unknown (x)

2.9.4. Future prospects: assessment Bad (U2); qualifiers unknown (x)

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 number of map 10x10 km grid cells (grids10x10); min 2 max 2

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

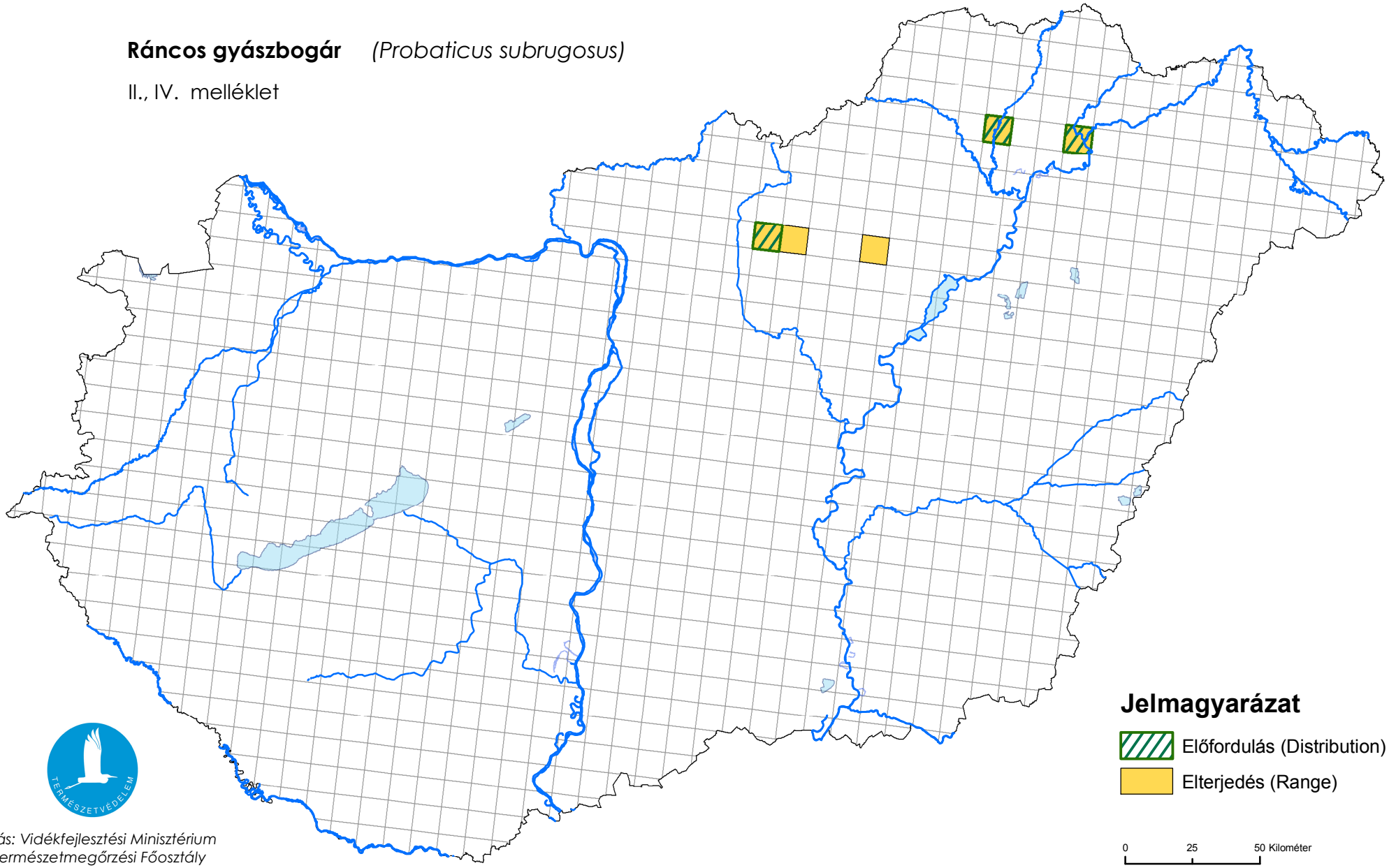
3.2 Conversation Measures

3.2.1 Measure	3.2.2 Type	3.2.3 Ranking	3.2.4 Location	3.2.5 Broad Evaluation
Restoring/improving forest habitats (3.1)	Administrative Recurrent	medium importance (M)	Outside	Maintain Enhance

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

Ráncos gyászbogár *(Probaticus subrugosus)*

II., IV. melléklet



Forrás: Vidékfejlesztési Minisztérium
Természetmegőrzési Főosztály