

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	<i>Probaticus subrugosus</i>
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 (km ²)	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 (km ²) 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 10x10 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 (km ²)	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 (km ²)	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

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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 other

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 Conservation 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

