

# 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	4026
0.2.2 Species name	<b>Rhysodes sulcatus</b>
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	kerekvállú állasbogár

## 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	<b>Pannonian (PAN)</b>
2.2 Published sources	Kovács T., Magos G. & Urbán L. 2012: Ritka és természetvédelmi szempontból jelentős bogarak (Coleoptera) a Mátra és a Bükk területéről. – Folia Historico Naturalia Musei Matraensis 36: 31–42. A Nemzeti Biodiverzitás-monitorozó Rendszer keretében 2007-2012 között végzett felmérések kutatási jelentései

### 2.3 Range

2.3.1 Surface area - Range (km <sup>2</sup> )	1954,33
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 <sup>2</sup> ) operator                      N/A unkown                      Yes 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                      15                      max                      22
2.4.3 Additional information	Definition of locality Conversion method Problems                      A kereknyakú állasbogár mintavételezése az élőhelyre nézve destruktív, ezért egyedszáma nem becsülhető. A

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faj egyedszáma mindenütt alacsony, és mintavételezése nehéz. 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 (km <sup>2</sup> )	20
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	holtfa mennyisége, erdőállomány szerkezete, védettség
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 <sup>2</sup> )	50
2.5.10 Reason for change	Improved knowledge/more accurate data

## 2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
forest replanting (native trees) (B02.01.01)	medium importance (M)	N/A
forest replanting (non native trees) (B02.01.02)	medium importance (M)	N/A
forestry clearance (B02.02)	medium importance (M)	N/A
removal of dead and dying trees (B02.04)	high importance (H)	N/A
forest exploitation without replanting or natural regrowth (B03)	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

## 2.7 Main Threats

Threat	ranking	pollution qualifier(s)
forest replanting (native trees) (B02.01.01)	medium importance (M)	N/A
forest replanting (non native trees) (B02.01.02)	medium importance (M)	N/A
forestry clearance (B02.02)	medium importance (M)	N/A

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removal of dead and dying trees (B02.04)	high importance (H)	N/A
forest exploitation without replanting or natural regrowth (B03)	medium importance (M)	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 kerekvállú állasbogár lelőhelyadatainak száma a 2007–2012 időszakban alig növekedett. Mintavételezése erősen destruktív, csak az élőhelyül szolgáló fatörzsek (főleg bükk) teljes szétbontásával végezhető, ezért az ilyesmit kerülni kell. Egy-egy fatörzsben sok egyed is élhet, de ugyanazon az élőhelyen néha csak 1–2 fatörzs lakott. A lakott fatörzseken kívülről nem látszik, hogy állasbogarak lakják. Csapdákcal és más automatikus módszerekkel nem fogható. Nem tisztázott, hogy milyen speciális igényei vannak, mert általa belakható fatörzs sokkal több van, mint amennyit valóban betelepít.

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 unknown (x)

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

2.9.3. Habitat assessment Inadequate (U1)  
qualifiers stable (=)

2.9.4. Future prospects assessment Inadequate (U1)  
qualifiers stable (=)

2.9.5 Overall assessment of Conservation Status Inadequate (U1)

2.9.5 Overall trend in Conservation Status stable (=)

## 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 11 max 18

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 Conversation Measures

3.2.1 Measure	3.2.2 Type	3.2.3 Ranking	3.2.4 Location	3.2.5 Broad Evaluation
Adapt forest management (3.2)	Administrative Recurrent	high importance (H)	Inside	Maintain Enhance Long term

