

# 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	4020
0.2.2 Species name	<b>Pilemia tigrina</b>
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	atracél cincér

## 1. National Level

### 1.1 Maps

1.1.1 Distribution Map	Yes
1.1.1a Sensitive species	No
1.1.2 Method used - map	Complete survey/Complete survey or a statistically robust estimate (3)
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

Csathó A. I. 2009a: A mezsgyék természetvédelmi jelentősége és védelmük időszerűsége. – Természetvédelmi Közlemények 15: 171–181. Online: [http://www.mbtktv.mtesz.hu/tvk/2009/15\\_csathoandrasistvan\\_171-181.pdf](http://www.mbtktv.mtesz.hu/tvk/2009/15_csathoandrasistvan_171-181.pdf)

Csathó A. I. 2009b: Új adatok az atracélcincér – *Pilemia tigrina* (Mulsant 1851) – elterjedéséhez a Körös–Maros Nemzeti Park Igazgatóság működési területén (Coleoptera: Cerambycidae). – Crisicum 5: 137–145. Online: [http://www.csai.hu/publikaciok/2009\\_CsAI\\_Pilemia.pdf](http://www.csai.hu/publikaciok/2009_CsAI_Pilemia.pdf)

Danyik T. 2011: Az atracélcincér (*Pilemia tigrina*) populációdinamikájának vizsgálata és védelme a Körös–Maros Nemzeti Park Igazgatóság működési területén. – Szakdolgozat. Nyugat-Magyarországi Egyetem, Erdőmérnöki Kar, Erdőművelési és Erdővédelmi Intézet, Sopron, 62 pp.

### 2.3 Range

2.3.1 Surface area - Range (km <sup>2</sup> )	1360,1
2.3.2 Method - Range surface area	Complete survey/Complete survey or a statistically robust estimate (3)
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 much more than (>>) 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
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2.4.2 Population size (other than individuals)	Unit	number of localities (localities)		
	min	70	max	75
2.4.3 Additional information	Definition of locality	mezsgyék száma, ahol a faj előfordul		
	Conversion method			
	Problems	A lokalitás megfelelő az az állomány felméréséhez, mert az egyedszámot gyakorlatilag nem lehet becsülni. (Az állatok nappal inkább rejtőzködnek, nagyon jól álcázzák magukat, a jelölés-visszafogás nem működik.)		
2.4.4 Year or period	2007-2012			
2.4.5 Method – population size	Complete survey/Complete survey or a statistically robust estimate (3)			
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	Complete survey/Complete survey or a statistically robust estimate (3)			
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	much more than (>>)		
	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 (km <sup>2</sup> )	1,8
2.5.2 Year or period	2007-2012
2.5.3 Method used - habitat	Complete survey/Complete survey or a statistically robust estimate (3)
2.5.4 a) Quality of habitat	Bad
2.5.4 b) Quality of habitat - method	védettség hiánya, emberi zavarás, inváziós fajok
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> )	3,8
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)	high importance (H)	N/A
artificial planting on open ground (non-native trees) (B01.02)	medium importance (M)	N/A
roads, motorways (D01.02)	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

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## 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)	high importance (H)	N/A
artificial planting on open ground (non-native trees) (B01.02)	medium importance (M)	N/A
roads, motorways (D01.02)	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

## 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

Az atracélcincér rendkívül korlátozott elterjedésű. A 2007–2012 közötti időszakban az elterjedési terület szóba jöhető élőhelyeinek túlnyomó részét felmérték, így előfordulási adatait pontosan ismerjük. Állományméretét egy lokalitáson próbálták becsülni, de az adatokat a felmérő sem tartja valós eredménynek.

### 2.8.3 Trans-boundary assessment

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

### 2.9.1 Range

assessment Bad (U2)  
qualifiers unknown (x)

### 2.9.2. Population

assessment Bad (U2)  
qualifiers unknown (x)

### 2.9.3. Habitat

assessment Bad (U2)  
qualifiers declining (-)

### 2.9.4. Future prospects

assessment Bad (U2)  
qualifiers declining (-)

### 2.9.5 Overall assessment of Conservation Status

Bad (U2)

### 2.9.5 Overall trend in Conservation Status

declining (-)

## 3. Natura 2000 coverage and conservation measures - Annex II species

### 3.1 Population

#### 3.1.1 Population Size

Unit number of localities (localities)  
min 5 max 7

#### 3.1.2 Method used

Complete survey/Complete survey or a statistically robust estimate (3)

#### 3.1.3 Trend of population size within

N/A

### 3.2 Conversation Measures

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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
Specific single species or species group management measures (7.4)	Recurrent	medium importance (M)	Inside	Enhance Long term

