

# 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	4027
0.2.2 Species name	<i>Arytrura musculus</i>
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	keleti lápibagoly

## 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	Margay, Brunner, 2011, Natura Somogyiensis 19, pp. 247-250.

### 2.3 Range

2.3.1 Surface area - Range (km <sup>2</sup> )	1014
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 approximately equal to (≈) 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
2.4.2 Population size (other than individuals)	Unit number of localities (localities) min 9 max 10
2.4.3 Additional information	Definition of locality Egy kolóniának otthont adó élőhelyfolt. Conversion method Problems
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	stable (0)

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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 (km <sup>2</sup> )	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	Vízháztartás, inváziós fajok jelenléte, szukcessziós állapot.
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> )	6
2.5.10 Reason for change	Genuine Improved knowledge/more accurate data

## 2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Cultivation (A01)	medium importance (M)	N/A
removal of hedges and copses or scrub (A10.01)	medium importance (M)	N/A
large scale water deviation (J02.03.01)	low importance (L)	N/A
canalisation (J02.03.02)	low importance (L)	N/A
artificial planting on open ground (non-native trees) (B01.02)	medium importance (M)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	medium importance (M)	N/A
use of biocides, hormones and chemicals (forestry) (B04)	low importance (L)	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)
Cultivation (A01)	medium importance (M)	N/A
removal of hedges and copses or scrub (A10.01)	medium importance (M)	N/A
large scale water deviation (J02.03.01)	low importance (L)	N/A
canalisation (J02.03.02)	low importance (L)	N/A
artificial planting on open ground (non-native trees) (B01.02)	medium importance (M)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	medium importance (M)	N/A
use of biocides, hormones and chemicals (forestry) (B04)	low importance (L)	N/A

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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

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 6 max 7

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
Other species management measures (7.0)	Recurrent	low importance (L)	Both	Long term

