

# 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	1059
0.2.2 Species name	Maculinea teleius
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	vérfű-hangyaboglárka

## 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	A Nemzeti Biodiverzitás-monitorozó Rendszer keretében 2007-2012 között végzett felmérések kutatási jelentései. Sáfián, Sz., Verovnik, R., Bathó, I. -né, Csontos, G., Horváth, B., Kogovšek, N., Rebeušek, F., Scherer, Z., Strausz, M., Szentirmai, I., & Zakšek, B. 2012: Nappali lepke atlasz / Atlas dnevnih metuljev / Butterfly atlas Órség - Goričko (ed. Ábrahám, L.). – Óriszentpéter, pp. 1-248.

### 2.3 Range

2.3.1 Surface area - Range (km <sup>2</sup> )	17762
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 750 max 800
2.4.3 Additional information	Definition of locality Egy kolóniának otthont adó élőhelyfolt. Conversion method

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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)
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 Use of different method

## 2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km <sup>2</sup> )	200
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	Moderate
2.5.4 b) Quality of habitat - method	vízellátottság, inváziós fajok borítása, kezelés, védettség, tápnövény borítottság mértéke
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> )	200
2.5.10 Reason for change	Improved knowledge/more accurate data Use of different method

## 2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
modification of cultivation practices (A02)	low importance (L)	N/A
mowing / cutting of grassland (A03)	high importance (H)	N/A
Urbanised areas, human habitation (E01)	low importance (L)	N/A
roads, motorways (D01.02)	low importance (L)	N/A
Landfill, land reclamation and drying out, general (J02.01)	medium importance (M)	N/A
Drying out (K01.03)	medium importance (M)	N/A
burning down (J01.01)	low importance (L)	N/A
invasive non-native species (I01)	high importance (H)	N/A
grazing (A04)	medium importance (M)	N/A
flooding (J02.04.01)	low importance (L)	N/A
species composition change (succession) (K02.01)	medium importance (M)	N/A
abandonment / lack of mowing (A03.03)	high importance (H)	N/A

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forest planting on open ground (B01)	low importance (L)	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)
mowing / cutting of grassland (A03)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	low importance (L)	N/A
roads, motorways (D01.02)	low importance (L)	N/A
Landfill, land reclamation and drying out, general (J02.01)	medium importance (M)	N/A
Drying out (K01.03)	high importance (H)	N/A
burning down (J01.01)	low importance (L)	N/A
invasive non-native species (I01)	high importance (H)	N/A
grazing (A04)	medium importance (M)	N/A
species composition change (succession) (K02.01)	medium importance (M)	N/A
abandonment / lack of mowing (A03.03)	high importance (H)	N/A
Changes in abiotic conditions (M01)	medium importance (M)	N/A
forest planting on open ground (B01)	low importance (L)	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

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 Inadequate (U1)  
qualifiers stable (=)

2.9.4. Future prospects assessment Inadequate (U1)  
qualifiers improving (+)

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 localities (localities)  
min 525 max 560

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
Other species management measures (7.0)	Recurrent	medium importance (M)	Inside	Long term
Maintaining grasslands and other open habitats (2.1)	Legal Recurrent	high importance (H)	Both	Maintain Enhance
Restoring/improving the hydrological regime (4.2)	Recurrent	high importance (H)	Inside	Maintain Enhance Long term
Adapting crop production (2.2)	Contractual Recurrent	medium importance (M)	Both	Maintain Enhance Unknown
Other agriculture-related measures (2.0)	Recurrent	medium importance (M)	Inside	Maintain Enhance

