

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	1052
0.2.2 Species name	Hypodryas maturna
0.2.3 Alternative species scientific name	Euphydryas maturna
0.2.4 Common name	díszes tarkalepke

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 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 ²)	19028
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 approximately equal to (≈) unkown No method
2.3.10 Reason for change	Improved knowledge/more accurate dataUse of different method

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 107 max 212
2.4.3 Additional information	Definition of locality Conversion method Problems

Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

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 more than (>) 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 ²)	400
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	kezelés, védelem, a faj számára kedvező funkcionális és szerkezeti elemek megléte
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)	500
2.5.10 Reason for change	Improved knowledge/more accurate data

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
use of biocides, hormones and chemicals (A07)	low importance (L)	N/A
forest replanting (B02.01)	medium importance (M)	N/A
forestry clearance (B02.02)	high importance (H)	N/A
removal of forest undergrowth (B02.03)	medium importance (M)	N/A
forest exploitation without replanting or natural regrowth (B03)	low importance (L)	N/A
Drying out (K01.03)	medium importance (M)	N/A
inundation (natural processes) (L08)	low importance (L)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	medium importance (M)	N/A
invasive non-native species (I01)	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

Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

Threat	ranking	pollution qualifier(s)
use of biocides, hormones and chemicals (A07)	low importance (L)	N/A
forest replanting (B02.01)	medium importance (M)	N/A
forestry clearance (B02.02)	high importance (H)	N/A
removal of forest undergrowth (B02.03)	medium importance (M)	N/A
forest exploitation without replanting or natural regrowth (B03)	low importance (L)	N/A
Drying out (K01.03)	medium importance (M)	N/A
inundation (natural processes) (L08)	low importance (L)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	medium importance (M)	N/A
Changes in abiotic conditions (M01)	low importance (L)	N/A
invasive non-native species (I01)	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

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 Inadequate (U1)
qualifiers unknown (x)

2.9.3. Habitat assessment Inadequate (U1)
qualifiers unknown (x)

2.9.4. Future prospects assessment Inadequate (U1)
qualifiers unknown (x)

2.9.5 Overall assessment of Conservation Status Inadequate (U1)

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 55 max 85

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

Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

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)	Legal Administrative Recurrent	high importance (H)	Both	Maintain Enhance
Restoring/improving forest habitats (3.1)	Administrative Recurrent	high importance (H)	Both	Maintain Enhance Long term
Other species management measures (7.0)	Recurrent	medium importance (M)	Both	Long term
Establish protected areas/sites (6.1)	Legal One-off	low importance (L)	Inside	Long term
Restoring/improving the hydrological regime (4.2)	Recurrent	medium importance (M)	Both	Enhance Long term

