

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	1060
0.2.2 Species name	Lycaena dispar
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	nagy tűzlepke

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)

Sáfián, Sz., Verovník, 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 A Nemzeti Biodiverzitás-monitorozó Rendszer keretében 2007-2012 között végzett felmérések kutatási jelentései.

2.3 Range

2.3.1 Surface area - Range (km ²)	48636
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	N/A
2.3.7 Long-term trend direction	min max
2.3.8 Long-term trend magnitude	area (km ²) operator approximately equal to (≈) unkown No
2.3.9 Favourable reference range	
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 371 max 533
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	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	N/A		
2.4.11 Long term trend direction	min	max	confidence interval
2.4.12 Long-term trend magnitude	N/A		
2.4.13 Long-term trend method	number		
2.4.14 Favourable reference population	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 ²)	250	
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	Vízellátottság, kezelés	
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	N/A	
2.5.8 Long term trend direction	250	
2.5.9 Area of suitable habitat (km ²)	Improved knowledge/more accurate data	
2.5.10 Reason for change		

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Mining and quarrying (C01)	low importance (L)	N/A
Urbanised areas, human habitation (E01)	low importance (L)	N/A
Landfill, land reclamation and drying out, general (J02.01)	high importance (H)	N/A
Drying out (K01.03)	high importance (H)	N/A
burning down (J01.01)	low importance (L)	N/A
mowing / cutting of grassland (A03)	high importance (H)	N/A
management of aquatic and bank vegetation for drainage purposes (J02.10)	medium importance (M)	N/A
grassland removal for arable land (A02.03)	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 sources

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
Mining and quarrying (C01)	low importance (L)	N/A
Urbanised areas, human habitation (E01)	low importance (L)	N/A

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

Landfill, land reclamation and drying out, general (J02.01)	high importance (H)	N/A
Drying out (K01.03)	high importance (H)	N/A
burning down (J01.01)	low importance (L)	N/A
mowing / cutting of grassland (A03)	high importance (H)	N/A
management of aquatic and bank vegetation for drainage purposes (J02.10)	medium importance (M)	N/A
grassland removal for arable land (A02.03)	medium importance (M)	N/A
droughts and less precipitations (M01.02)	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 Favourable (FV)
qualifiers N/A

2.9.3. Habitat assessment Favourable (FV)
qualifiers N/A

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 220 max 320

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	medium importance (M)	Inside	Long term
Maintaining grasslands and other open habitats (2.1)	Recurrent	high importance (H)	Inside	Maintain Enhance

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

Other wetland-related measures (4.0)	One-off	high importance (H)	Inside	Maintain Enhance Long term
Establish protected areas/sites (6.1)	Legal One-off	high importance (H)	Both	Maintain Enhance Long term
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

Térképmelléklet az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentéshez
2013.

Nagy tűzlepke (*Lycaena dispar*)

II., IV. melléklet

