

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	4045
0.2.2 Species name	Coenagrion ornatum
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	díszes légyivadász

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.
Móra A. – Boda P. – Csabai Z. – Cser B. – Deák Cs. – Hornyák A. – Jakab T. – Kálmán Z. – Kecső K. – Kovács T.Z. – Papp L. – Polyák L. – Soós N. 2008: A Zala és befolyói makroszkopikus gerinctelen faunája. – Acta biologia debrecina Supplementum oecologica hungarica 18: 123–180.
Tóth, S. (2010): A Dunántúli-dombság és környéke szitakötő faunája. – Natura Somogyiensis 16: 188.
Müller Z., Kiss B., Juhász P. (2009): Faunistical data to complete the nationwide occurrence of Ornate Damselfly (Coenagrion ornatum (Selys-Longchamps, 1850)). - Folia Hist. Nat. Mus. Matrensis, 33: 97-101

Huber, A. (2008): Adatok Északkelet-Magyarország szitakötő- (Odonata-) faunájához III. - Folia Historico Naturalia Musei Matrensis, 32: 93-102.

2.3 Range

2.3.1 Surface area - Range (km ²)	9048
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 data

2.4 Population

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2.4.1 Population size (individuals or agreed exception)	Unit	number of individuals (i)		
	min	8800000	max	88000000
2.4.2 Population size (other than individuals)	Unit	N/A		
	min		max	
2.4.3 Additional information	Definition of locality 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)			
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 ²)	8,8
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	hidromorfológiai jellemzők, vízminőség, 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	
2.5.8 Long term trend direction	N/A
2.5.9 Area of suitable habitat (km ²)	8,8
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
Fertilisation (A08)	low importance (L)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
dredging/ removal of limnic sediments (J02.02.01)	high importance (H)	N/A
reduction or loss of specific habitat features (J03.01)	medium importance (M)	N/A
Other human induced changes in hydraulic conditions (J02.15)	medium importance (M)	N/A

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management of aquatic and bank vegetation for drainage purposes (J02.10) 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

Threat	ranking	pollution qualifier(s)
Fertilisation (A08)	low importance (L)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
dredging/ removal of limnic sediments (J02.02.01)	high importance (H)	N/A
reduction or loss of specific habitat features (J03.01)	medium importance (M)	N/A
Other human induced changes in hydraulic conditions (J02.15)	medium importance (M)	N/A
use of biocides, hormones and chemicals (A07)	low importance (L)	N/A
management of aquatic and bank vegetation for drainage purposes (J02.10)	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 Inadequate (U1)
qualifiers stable (=)

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 individuals (i)
min 5720000 max 57200000

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

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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
Other wetland-related measures (4.0)	Administrative Recurrent One-off	high importance (H)	Both	Maintain Enhance Long term
Specific single species or species group management measures (7.4)	Recurrent	medium importance (M)	Inside	Maintain Enhance
Restoring/improving the hydrological regime (4.2)	One-off	high importance (H)	Inside	Long term

