

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

## NATIONAL LEVEL

### 1. General information

1.1 Member State	HU
1.2 Species code	4045
1.3 Species scientific name	Coenagrion ornatum
1.4 Alternative species scientific name	
1.5 Common name (in national language)	díszes légivadász

### 2. Maps

2.1 Sensitive species	No
2.2 Year or period	2013-2018
2.3 Distribution map	Yes
2.4 Distribution map Method used	Based mainly on extrapolation from a limited amount of data
2.5 Additional maps	No

### 3. Information related to Annex V Species (Art. 14)

3.1 Is the species taken in the wild/exploited?	No	
3.2 Which of the measures in Art. 14 have been taken?	a) regulations regarding access to property	No
	b) temporary or local prohibition of the taking of specimens in the wild and exploitation	No
	c) regulation of the periods and/or methods of taking specimens	No
	d) application of hunting and fishing rules which take account of the conservation of such populations	No
	e) establishment of a system of licences for taking specimens or of quotas	No
	f) regulation of the purchase, sale, offering for sale, keeping for sale or transport for sale of specimens	No
	g) breeding in captivity of animal species as well as artificial propagation of plant species	No
	h) other measures	No

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3.3 Hunting bag or quantity taken in the wild for Mammals and Acipenseridae (Fish)

a) Unit

b) Statistics/ quantity taken	Provide statistics/quantity per hunting season or per year (where season is not used) over the reporting period					
	Season/ year 1	Season/ year 2	Season/ year 3	Season/ year 4	Season/ year 5	Season/ year 6
Min. (raw, ie. not rounded)						
Max. (raw, ie. not rounded)						
Unknown	No	No	No	No	No	No

3.4. Hunting bag or quantity taken in the wild Method used

3.5. Additional information

## BIOGEOGRAPHICAL LEVEL

### 4. Biogeographical and marine regions

4.1 Biogeographical or marine region where the species occurs

#### Pannonian (PAN)

4.2 Sources of information

Nemzeti Biodiverzitás-monitorozó Rendszer 2013-2018 közt végzett felméréseinek jelentései

Natura 2000 fenntartási tervek megalapozó adatgyűjtése 2013-2018

Ambrus A., Danyik T., Kovács T., Olajos P. (2018): Magyarország szitakötőinek kézikönyve (Handbook of the Damselflies and Dragonflies of Hungary). Természettár Könyvsorozat. Magyar Természettudományi Múzeum, Herman Ottó Nonprofit Kft., Budapest, 290 oldal

Haraszthy L., Sáfián Sz. (szerk.)(2016): Védett állatfajok elterjedési atlasza Vas, Zala és Somogy megye Natura 2000 területein / Distribution atlas of protected species of animals in Natura 2000 sites of Vas, Zala and Somogy Counties. Somogy Természetvédelmi Szervezet, Somogyfajs, pp. 1-216.  
[http://stvsz.com/wp-content/uploads/2017/07/vedett\\_allatfajok\\_elterjedesi\\_atlasza\\_2016\\_dig.pdf](http://stvsz.com/wp-content/uploads/2017/07/vedett_allatfajok_elterjedesi_atlasza_2016_dig.pdf)

Tóth Sándor (2016): Adatok a Felső-Kongó és a Fűzes-erdő szitakötő (Odonata) faunájához. Folia Musei Historico-Naturalis Bakonyiensis, Zirc, 33: 93-98.  
[http://bakonymuseum.nhmus.hu/kiadvanyok/FOLIA\\_33.pdf](http://bakonymuseum.nhmus.hu/kiadvanyok/FOLIA_33.pdf)

Szabó T., Müller Z., Gáspár Á., Juhász P., Ludányi M., Málnás K., Mihaliczu E., Olajos P., Polyák L. és Kiss B. (2018): Contribution to the Hungarian damselfly (Odonata: Zygoptera) fauna, based on nationwide surveys. – Folia Historico-Naturalia Musei Matriensis, Gyöngyös, 42: 15-70.

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[http://www.matramuzeum.hu/e107\\_plugins/docrep\\_menu/docrep.php?0.view.1508.120](http://www.matramuzeum.hu/e107_plugins/docrep_menu/docrep.php?0.view.1508.120)

Kovács T., Ambrus A. és Olajos P. (2017): Lárva és exuvium adatok Magyarország Odonata faunájához IV. – Folia Historico-Naturalia Musei Matraensis, Gyöngyös, 41: 17-23.

[http://www.matramuzeum.hu/e107\\_files/public/docrep/vol.41.\\_2017/017\\_024\\_Kovacs\\_Odonataadatok\\_41.pdf](http://www.matramuzeum.hu/e107_files/public/docrep/vol.41._2017/017_024_Kovacs_Odonataadatok_41.pdf)

## 5. Range

5.1 Surface area	13957
5.2 Short-term trend Period	2007-2018
5.3 Short-term trend Direction	Stable (0)
5.4 Short-term trend Magnitude	a) Minimum                                  b) Maximum
5.5 Short-term trend Method used	Based mainly on extrapolation from a limited amount of data
5.6 Long-term trend Period	
5.7 Long-term trend Direction	
5.8 Long-term trend Magnitude	a) Minimum                                  b) Maximum
5.9 Long-term trend Method used	
5.10 Favourable reference range	a) Area (km <sup>2</sup> ) b) Operator                                  Approximately equal to (≈) c) Unknown d) Method
5.11 Change and reason for change in surface area of range	Improved knowledge/more accurate data The change is mainly due to:      Improved knowledge/more accurate data
5.12 Additional information	

## 6. Population

6.1 Year or period	2013-2018
6.2 Population size (in reporting unit)	a) Unit                                  number of map 1x1 km grid cells (grids1x1) b) Minimum c) Maximum d) Best single value      244
6.3 Type of estimate	Minimum
6.4 Additional population size (using population unit other than reporting unit)	a) Unit b) Minimum c) Maximum d) Best single value
6.5 Type of estimate	
6.6 Population size Method used	Based mainly on extrapolation from a limited amount of data

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6.7 Short-term trend Period	2007-2018	
6.8 Short-term trend Direction	Decreasing (-)	
6.9 Short-term trend Magnitude	a) Minimum b) Maximum c) Confidence interval	
6.10 Short-term trend Method used	Based mainly on extrapolation from a limited amount of data	
6.11 Long-term trend Period		
6.12 Long-term trend Direction		
6.13 Long-term trend Magnitude	a) Minimum b) Maximum c) Confidence interval	
6.14 Long-term trend Method used		
6.15 Favourable reference population (using the unit in 6.2 or 6.4)	a) Population size b) Operator c) Unknown d) Method	More than (>)
6.16 Change and reason for change in population size	Improved knowledge/more accurate data Use of different method The change is mainly due to: Improved knowledge/more accurate data	
6.17 Additional information		

## 7. Habitat for the species

7.1 Sufficiency of area and quality of occupied habitat	a) Are area and quality of occupied habitat sufficient (for long-term survival)?	No
	b) Is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)?	Yes
7.2 Sufficiency of area and quality of occupied habitat Method used	Based mainly on extrapolation from a limited amount of data	
7.3 Short-term trend Period	2007-2018	
7.4 Short-term trend Direction	Uncertain (u)	
7.5 Short-term trend Method used	Based mainly on extrapolation from a limited amount of data	
7.6 Long-term trend Period		
7.7 Long-term trend Direction		
7.8 Long-term trend Method used		
7.9 Additional information		

## 8. Main pressures and threats

### 8.1 Characterisation of pressures/threats

Pressure	Ranking
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or ground waters (A26)

Modification of hydrological flow (K04)	H
Abiotic natural processes (e.g. erosion, silting up, drying out, submersion, salinization) (L01)	M
Droughts and decreases in precipitation due to climate change (N02)	H
Abstraction from groundwater, surface water or mixed water (K01)	M
Physical alteration of water bodies (K05)	M
Natural processes of eutrophication or acidification (L04)	M

Threat	Ranking
Agricultural activities generating diffuse pollution to surface or ground waters (A26)	M
Modification of hydrological flow (K04)	H
Abiotic natural processes (e.g. erosion, silting up, drying out, submersion, salinization) (L01)	M
Droughts and decreases in precipitation due to climate change (N02)	H
Abstraction from groundwater, surface water or mixed water (K01)	M
Physical alteration of water bodies (K05)	M
Natural processes of eutrophication or acidification (L04)	M

## 8.2 Sources of information

## 8.3 Additional information

# 9. Conservation measures

9.1 Status of measures	a) Are measures needed?	Yes
	b) Indicate the status of measures	Measures identified, but none yet taken

## 9.2 Main purpose of the measures taken

## 9.3 Location of the measures taken

9.4 Response to the measures Medium-term results (within the next two reporting periods, 2019-2030)

## 9.5 List of main conservation measures

Management of habitats (others than agriculture and forest) to slow, stop or reverse natural processes (CL01)

Reduce diffuse pollution to surface or ground waters from agricultural activities (CA11)

Manage drainage and irrigation operations and infrastructures in agriculture (CA15)

Reduce impact of multi-purpose hydrological changes (CJ02)

## 9.6 Additional information

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## 10. Future prospects

10.1 Future prospects of parameters	a) Range	Poor
	b) Population	Poor
	c) Habitat of the species	Poor

10.2 Additional information

## 11. Conclusions

11.1. Range	Favourable (FV)
11.2. Population	Unfavourable - Inadequate (U1)
11.3. Habitat for the species	Unfavourable - Inadequate (U1)
11.4. Future prospects	Unfavourable - Inadequate (U1)
11.5 Overall assessment of Conservation Status	Unfavourable - Inadequate (U1)
11.6 Overall trend in Conservation Status	Unknown (x)
11.7 Change and reasons for change in conservation status and conservation status trend	a) Overall assessment of conservation status No change The change is mainly due to:  b) Overall trend in conservation status Genuine The change is mainly due to: Genuine change
11.8 Additional information	

## 12. Natura 2000 (pSCIs, SCIs and SACs) coverage for Annex II species

12.1 Population size inside the pSCIs, SCIs and SACs network (on the biogeographical/marine level including all sites where the species is present)	a) Unit	number of map 1x1 km grid cells (grids1x1)
	b) Minimum	
	c) Maximum	
	d) Best single value	143
12.2 Type of estimate	Minimum	
12.3 Population size inside the network Method used	Based mainly on extrapolation from a limited amount of data	
12.4 Short-term trend of population size within the network Direction	Decreasing (-)	
12.5 Short-term trend of population size within the network Method used	Based mainly on extrapolation from a limited amount of data	
12.6 Additional information		

## 13. Complementary information

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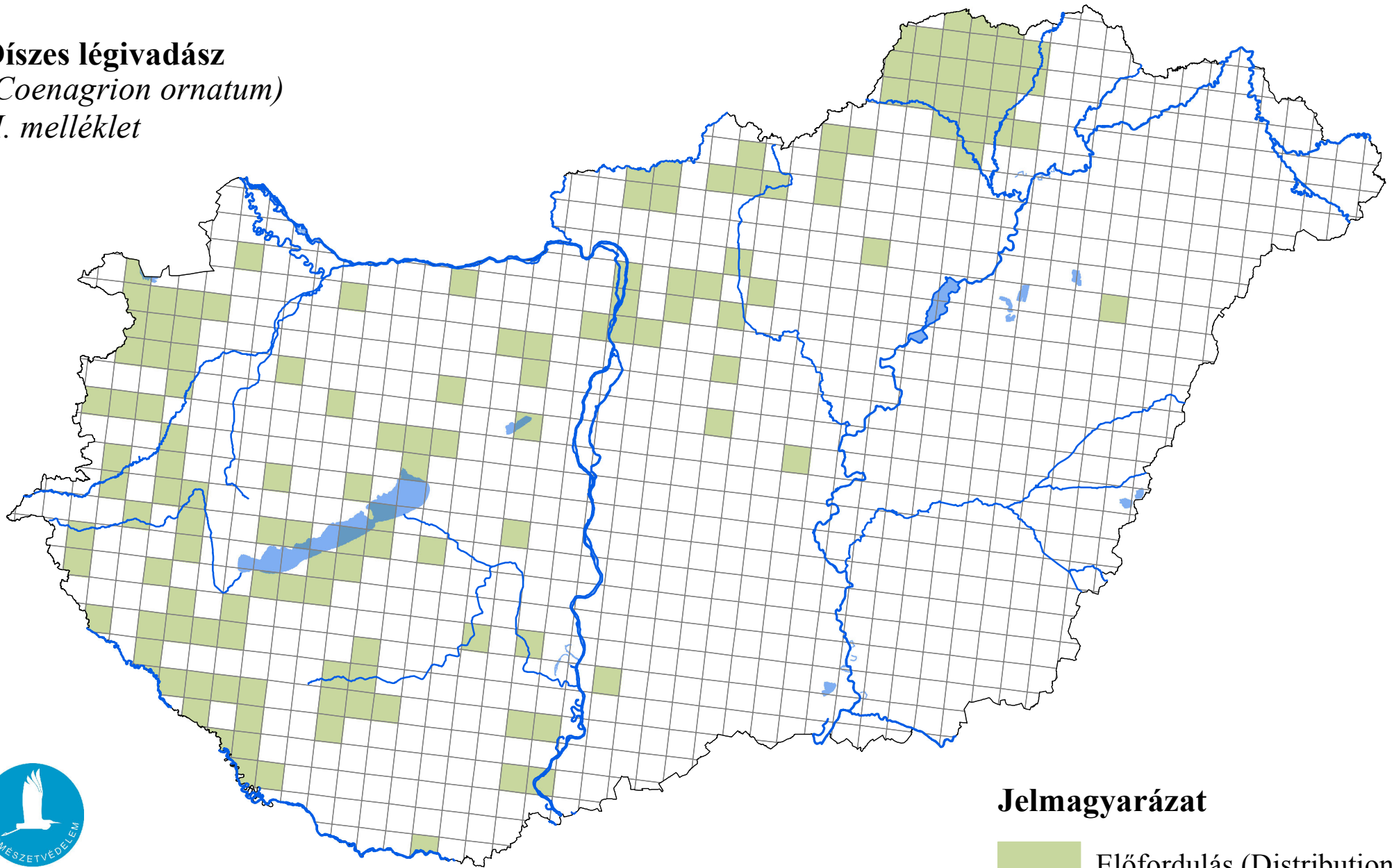
13.1 Justification of % thresholds for trends

13.2 Trans-boundary assessment

13.3 Other relevant Information

# Az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentés 2019

Díszes légivadász  
(*Coenagrion ornatum*)  
II. melléklet



Forrás: Agrárminisztérium,  
Természetmegőrzési Főosztály

## Jelmagyarázat

