



## Cordulegaster heros

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<b>Annex</b>	II, IV
<b>Priority</b>	No
<b>Species group</b>	Arthropods
<b>Regions</b>	Alpine, Continental, Mediterranean, Pannonian

The Balkan golden-ringed dragonfly is endemic to south-east Europe, Balkan countries and north to Slovakia and Romania. It lives along streams along hillsides and mountains. It is red listed as Near threatened (NT) in Europe.

The conservation status is "Favourable" in Alpine and Continental region, "Unfavourable Inadequate" in Pannonian and "Unknown" in Mediterranean region. Most memberstate have reported "Favorable" over all conservation status and for most parameters.

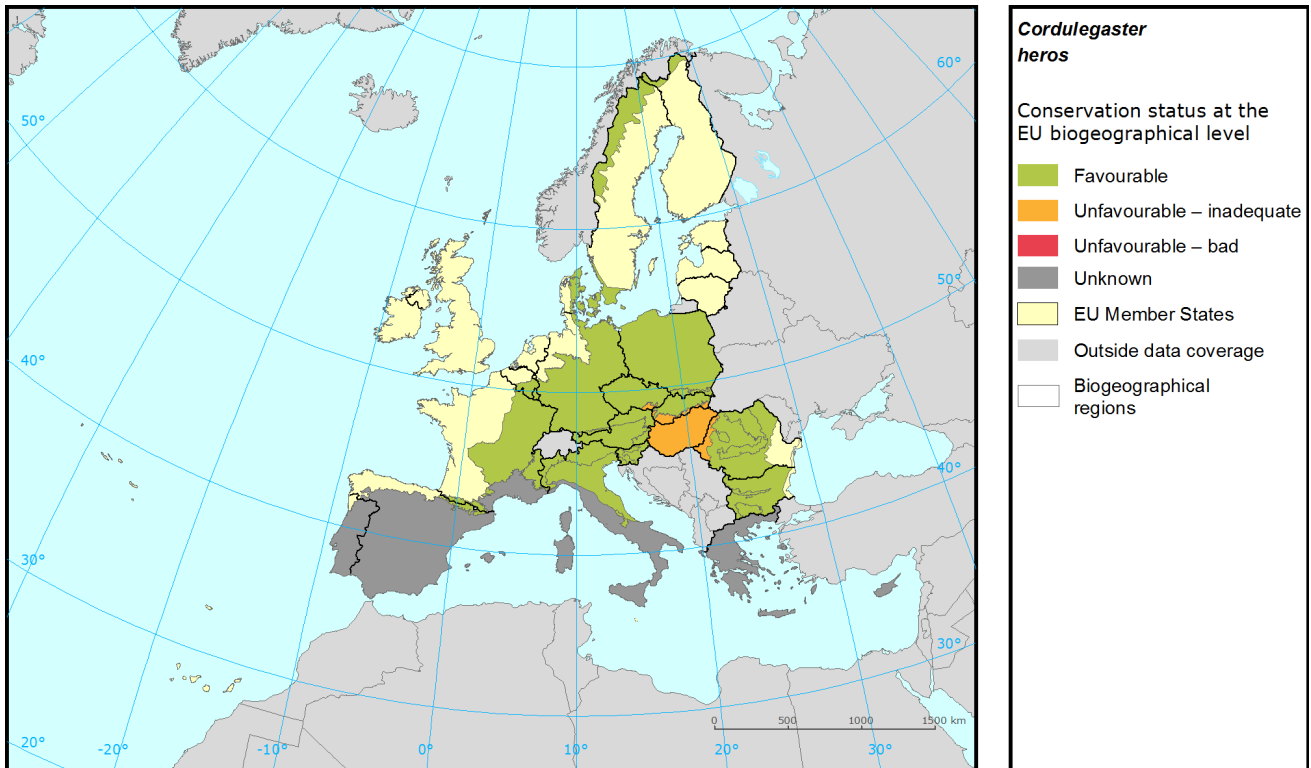
Main threats are destruction of watercourses and drought because of climate change.

No changes in overall conservation status between 2001-06 and 2007-12 reports. Except in Pannonian region, but that change in overall conservation status between 2001-06 and 2007-12 report are mostly caused by different methodical approach and better data rather than real change in conservation status.

Better data is needed from Czech republic, Italy, Greece and Slovakia.

Species: *Cordulegaster heros*  
Report under the Article 17 of the Habitats Directive

## Assessment of conservation status at the European biogeographical level



Region	Conservation status (CS) of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
	Range	Population	Habitat	Future prospects					
ALP	<span style="background-color: green; color: white;">FV</span>	<span style="background-color: green; color: white;">FV</span>	<span style="background-color: green; color: white;">FV</span>	<span style="background-color: green; color: white;">FV</span>	<span style="background-color: green; color: white;">FV</span>		21	<span style="background-color: green; color: white;">FV</span>	
CON	<span style="background-color: green; color: white;">FV</span>	<span style="background-color: green; color: white;">FV</span>	<span style="background-color: green; color: white;">FV</span>	<span style="background-color: green; color: white;">FV</span>	<span style="background-color: green; color: white;">FV</span>		54	<span style="background-color: green; color: white;">FV</span>	
MED	<span style="background-color: grey; color: white;">XX</span>	<span style="background-color: grey; color: white;">XX</span>	<span style="background-color: grey; color: white;">XX</span>	<span style="background-color: grey; color: white;">XX</span>	<span style="background-color: grey; color: white;">XX</span>		22	<span style="background-color: grey; color: white;">XX</span>	
PAN	<span style="background-color: green; color: white;">FV</span>	<span style="background-color: grey; color: white;">XX</span>	<span style="background-color: green; color: white;">FV</span>	<span style="background-color: orange; color: white;">U1</span>	<span style="background-color: orange; color: white;">U1</span>	=	3	<span style="background-color: green; color: white;">FV</span>	Not genuine

See the endnote for more information<sup>i</sup>

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Assessment of conservation status at the Member State level



***Cordulegaster heros***

Distribution and conservation status at the Member State level

- |                           |                        |
|---------------------------|------------------------|
| Favourable                | EU Member States       |
| Unfavourable – inadequate | Outside data coverage  |
| Unfavourable – bad        | Biogeographical region |
| Unknown                   |                        |

The map shows both Conservation Status and distribution using a 10 km x 10 km grid. Conservation status is assessed at biogeographical level. Therefore the representation in each grid cell is only illustrative.

# Species: *Cordulegaster heros*

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MS Region	Conservation status of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
	Range	Population	Habitat	Future prospects					
AT ALP	FV	FV	FV	FV	FV		6.3		
BG ALP	FV	FV	FV	FV	FV		76.4		
RO ALP	FV	U1	U1	U1	U1		3.4		
SI ALP	FV	FV	FV	FV	FV		10.1	FV	
SK ALP	FV	FV	FV	FV	FV		3.8	U2	Better data
AT CON	FV	FV	FV	FV	FV		3.9		
BG CON	FV	FV	FV	FV	FV		78.5		
CZ CON	XX	XX	U1	FV	U1	+	0.5		Genuine
IT CON	XX	XX	XX	XX	XX		0.7		
RO CON	FV	U1	U1	U1	U1		1.6		
SI CON	FV	FV	FV	FV	FV		14.8	FV	
GR MED	XX	XX	XX	XX	XX		100.0	XX	
HU PAN	FV	FV	FV	FV	FV		70.0	FV	
SK PAN	FV	XX	FV	U1	U1	=	30.0	U2	Better data

Knowing that not all changes in conservation status between the reporting periods were genuine, Member States were asked to give the reasons for changes in conservation status. Bulgaria and Romania only joined the EU in 2007 and Greece did not report for 2007-12 so no reason is given for change for these countries. Greek data shown above is from 2001-06.

## Main pressures and threats reported by Member States

Member States were asked to report the 20 most important threats and pressures using an agreed hierarchical list which can be found on the [Article 17 Reference Portal](#). Pressures are activities which are currently having an impact on the species and threats are activities expected to have an impact in the near future. Pressures and threats were ranked in three classes 'high, medium and low importance'; the tables below only show threats and pressures classed as 'high', for some species there were less than ten threats or pressures reported as highly important.

### Ten most frequently reported 'highly important' pressures

Code	Activity	Frequency
J02	Changes in water bodies conditions	29
H01	Pollution to surface waters	24
B02	Forest and plantation management & use	12
E01	Urbanisation and human habitation	12
F01	Marine and freshwater aquaculture	12
J03	Other changes to ecosystems	12

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## Ten most frequently reported 'highly important' threats

Code	Activity	Frequency
H01	Pollution to surface waters	25
J02	Changes in water bodies conditions	25
B02	Forest and plantation management & use	13
E01	Urbanisation and human habitation	13
F01	Marine and freshwater aquaculture	13
J03	Other changes to ecosystems	13

## Proportion of population covered by the Natura 2000 network

For species listed in the Annex II of the Directive Member States were asked to report the population size within the Natura 2000 network. The percentage of species population covered by the network was estimated by comparing the population size within the network and the total population size in the biogeographical/marine region.

### Percentage of coverage by Natura 2000 sites in biogeographical/marine region

	ALP	CON	PAN
AT	59	41	
BG	50	30	
CZ		0	
HU			88
IT		x	
RO	100	100	
SI	41	31	
SK	71		50

See the endnotes for more information<sup>ii</sup>

## Most frequently reported conservation measures

For species listed in the Annex II of the Directive Member States were asked to report up to 20 conservation measures being implemented for this species using an agreed list which can be found on the Article 17 Reference Portal. Member States were further requested to highlight up to five most important ('highly important') measures; the table below only shows measures classed as 'high', for many species there were less than ten measures reported as highly important.

### Ten most frequently reported 'highly important' conservation measures

Code	Measure	Frequency
6.1	Establish protected areas/sites	33
6.3	Legal protection of habitats and species	33
4.2	Restoring/improving the hydrological regime	17
9.1	Regulating/Management exploitation of natural resources on land	17

This information is derived from the Member State national reports submitted to the European Commission under Article 17 of the Habitats Directive in 2013 and covering the period 2007-2012. More detailed information, including the MS reports, is available at:

<http://bd.eionet.europa.eu/article17/reports2012/species/summary/?group=Arthropods&period=3&subject=Cordulegaster+heros>

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**i Assessment of conservation status at the European biogeographical level:** Current Conservation Status (Current CS) shows the status for the reporting period 2007-2012, Previous Conservation Status (Previous CS) for the reporting period 2000-2006. Reason for change in conservation status between the reporting periods indicates whether the changes in the status were genuine or not genuine. Previous Conservation Status was not assessed for Steppic, Black Sea and Marine Black Sea regions. For these regions the Previous status is therefore considered as 'unknown'. The percentage of the species population occurring within the biogeographical/marine region (% in region) is calculated based on the area of GIS distribution.

**ii Percentage of coverage by Natura 2000 sites in biogeographical/marine region:** In some cases the population size within the Natura 2000 network has been estimated using a different methodology to the estimate of overall population size and this can lead to percentage covers greater than 100%. In such case the value has been given as 100% and highlighted with an asterisk (\*). The value 'x' indicates that the Member State has not reported the species population and/or the coverage by Natura 2000. No information is available for Greece. The values are only provided for regions, in which the occurrence of the species has been reported by the Member States.