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0.1 Member State	**GR**
0.2.1 Species code	**4046**
0.2.2 Species name	**Cordulegaster heros**
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	N/A

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

Mediterranean (MED)

2.2 Published sources

Combination of sampling data (2014) with data reported in (1) Stobbe 1977, (2) Theischinger 1979, (3) Kappes and Kappes 1995, (4) van Pelt 1999, (5) Lopau 1999c, (6) Lopau 1999d, (7) Lopau 2000, (8) Lopau 2005.

Kappes E, Kappes W. 1995. Zusammenstellung der Libelle-Beobachtungen in Norden Griechenland. Naturkundliche Reiseberichten 1: 1-126.

Lopau W. 1999c. Die Libellenfauna der Insel Evvia (Euböa), Griechenland. Libellula Supplement 2: 67-76.

Lopau W. 1999d. Bisher unveröffentlichte Lebellenbeobachtungen aus Griechenland. Libellula Supplement 2: 91-131.

Lopau W. 2000. Bisher unveröffentlichte Lebellenbeobachtungen aus Griechenland II (Odonata). Libellula Supplement 3: 81-112.

Lopau W. 2005. Bisher unveröffenlichte Libellenbeobachtungen aus Griechenland III (Odonata). Libellula Supplement 6: 49-84.

Stobbe H (Ed). 1977. Beitrag zur Kenntnis der Odonatenfauna Griechenlands. Hamburg.

Theischinger G. 1979. Cordulegaster heros sp. nov. und Cordulegaster heros pelionensis ssp. nov., zwei neue taxa des Cordulegaster boltoni (Donovan)-Complexe aus Europa (Anisoptera: Cordulegasteridae). Odonatologica 8: 23-38.

Van Pelt G. 1999. On dragonflies from Greece in the RMNH collection, Leiden, The Netherlands. Libellula Supplement 2: 77-90.

2.3 Range

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2.3.1 Surface area - Range (km²)	3927
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 (km²) operator: approximately equal to (≈) unkown: No method: Expert opinion-No extinction is officially reported for the species at 10km grid scale. Therefore the FVR is considered to be similar with the current range
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: 18 max: 42
2.4.3 Additional information	Definition of locality Conversion method Problems: Sampling localities were visited only once in 2014. Time series data and exact population data are missing. Therefore, we used grid cell 10x10km as the population unit as a safe alternative. Minimum population size equals the number of grid cells resulting from its distribution, while the maximum population size equals the number of grid cells resulting from its range.
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	decrease (-)
2.4.8 Short-term trend magnitude	min max confidence interval
2.4.9 Short-term trend method	Estimate based on expert opinion with no or minimal sampling (1)
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: Expert opinion-Reference population is greater than actual size, after comparing the minimum estimated population sizes (unit: number of 10x10 grid cells) in the assessed populations with the recent documented historical records (using the same unit -10x10

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	grid cells)
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 (km²)	
2.5.2 Year or period	2007-2012
2.5.3 Method used - habitat	Absent data (0)
2.5.4 a) Quality of habitat	Unknown
2.5.4 b) Quality of habitat - method	Absent data
2.5.5 Short term trend period	2001-2012
2.5.6 Short term trend direction	unknown (x)
2.5.7 Long-term trend period	
2.5.8 Long term trend direction	N/A
2.5.9 Area of suitable habitat (km²)	0
2.5.10 Reason for change	

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Landfill, land reclamation and drying out, general (J02.01)	high importance (H)	N/A
Water abstractions from surface waters (J02.06)	high importance (H)	N/A
diffuse pollution to surface waters due to agricultural and forestry activities (H01.05)	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 othe

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
Landfill, land reclamation and drying out, general (J02.01)	high importance (H)	N/A
Water abstractions from surface waters (J02.06)	high importance (H)	N/A
diffuse pollution to surface waters due to agricultural and forestry activities (H01.05)	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	declining (-)
2.9.3. Habitat	assessment	Unknown (XX)
	qualifiers	N/A

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2.9.4. Future prospects	assessment Inadequate (U1) qualifiers declining (-)
2.9.5 Overall assessment of Conservation Status	Inadequate (U1)
2.9.5 Overall trend in Conservation Status	declining (-)

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	13	max	30
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	unknown (x)			

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
Establish protected areas/sites (6.1)	Legal One-off	medium importance (M)	Inside	Enhance Long term