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

0.1 Member State	**IT**
0.2.1 Species code	**1047**
0.2.2 Species name	**Cordulegaster trinacriae**
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	2008-2012
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	The present species assessment (fields 0.1-2.9) has been compiled by Anna Alonzi, Piero Genovesi, Francesca Ronchi (ISPRA - Institute for Environmental Protection and Research). Information, unpublished data and experts' judgments have been provided by: Alex Festi, Cristina Grieco, Sonke Hardersen, Federico Landi e Elisa Riservato (Odonata.it)

F. Mastropasqua et al. Il progetto "atlanti regionali" di Puglia e Basilicata: un esperimento di condivisione online. Atti del I Convegno della Società Italiana per lo studio e la conservazione delle libellule. Govorrano (GR) 9-10/10/2010 dati inediti F. Mastropasqua, C. Liuzzi

dati inediti F. Mastropasqua

AA.VV.2008. Attuazione della Direttiva Habitat e stato di canservazione di habitat e specie in Italia. Ministero dell'Ambiente e della Tutela del Territorio e del Mare. 48pp.

Banca dati Odonata.it (www.odonata.it) |

2.3 Range

2.3.1 Surface area - Range (km²)	14100	
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 based on local surveys
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	81	max 81
2.4.3 Additional information	Definition of locality		
	Conversion method	not available	
	Problems	it is impossible to convert grids into individuals	
2.4.4 Year or period	2008-2012		
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	unknown (x)		
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	Expert opinion	
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	2008-2012
2.5.3 Method used - habitat	Absent data (0)
2.5.4 a) Quality of habitat	Moderate
2.5.4 b) Quality of habitat - method	expert based
2.5.5 Short term trend period	2000-2012
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 (km²)	
2.5.10 Reason for change	Use of different method

2.6 Main Pressures

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Pressure	ranking	pollution qualifier(s)
human induced changes in hydraulic conditions (J02)	high importance (H)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	high importance (H)	N/A
forest exploitation without replanting or natural regrowth (B03)	low importance (L)	N/A

2.6.1 Method used – pressures	mainly based on expert judgement and other data (2)

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
Modification of hydrographic functioning, general (J02.05)	high importance (H)	N/A
small hydropower projects, weirs (J02.05.05)	high importance (H)	N/A
droughts and less precipitations (M01.02)	high importance (H)	N/A
modifying structures of inland water courses (J02.05.02)	high importance (H)	N/A
Canalisation & water deviation (J02.03)	high importance (H)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
fire and fire suppression (J01)	medium importance (M)	N/A
forest exploitation without replanting or natural regrowth (B03)	low importance (L)	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	Very little is known about the habitat requirements of this species and this makes it difficult to define conservation measures. The species seems to be relatively common in Calabria and Basilicata, the centre of its distribution. In Sicily it seems to be very local
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 Unknown (XX)
	qualifiers N/A
2.9.3. Habitat	assessment Favourable (FV)
	qualifiers N/A
2.9.4. Future prospects	assessment Favourable (FV)
	qualifiers N/A
2.9.5 Overall assessment of Conservation Status	Favourable (FV)
2.9.5 Overall trend in Conservation Status	N/A

3. Natura 2000 coverage and conservation measures - Annex II species

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3.1 Population

3.1.1 Population Size	Unit	N/A	
	min		max

3.1.2 Method used	Absent data (0)
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
Measures needed, but not implemented (1.2)		()		

Notes

Species name: Cordulegaster trinacriae (1047) Region code: MED

Field label	Note	User
2.4.14b Favourable reference population - operators	sembrerebbe diminuito in Sicilia sulla base di osservazioni puntuali	ISPRA_AUNA

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