

# 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	1039
0.2.2 Species name	<b>Sympecma braueri</b>
0.2.3 Alternative species scientific name	Sympecma paedisca
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	1986-2012
1.1.4 Additional map	No
1.1.5 Range map	Yes

## 2. Biogeographical Or Marine Level

### 2.1 Biogeographical Region

### 2.2 Published sources

#### Continental (CON)

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 Information, unpublished data and experts' judgments have been provided by: Alex Festi, Cristina Grieco, Sonke Hardersen, Federico Landi e Elisa Riservato (Odonata.it)

Banche Dati Naturalistiche Regionali Piemonte + Banca Dati IPLA

Conci C., Galvagni O., 1944 - Alcune interessanti catture di Odonati in Liguria e Venezia Tridentina. Memorie della Società Entomologica Italiana, 23: 71-73.  
Conci C., Galvagni O., 1946 - Osservazioni su alcune specie di Odonati della Venezia Tridentina. Pubblicazioni dei Musei Civici di Rovereto, 68: 3-6.  
Conci C., Nielsen C., 1956 - Odonata. Ed. Calderini, Bologna, 7-295 pp.

AA.VV.2008. Attuazione della Direttiva Habitat e stato di conservazione 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](http://www.odonata.it))

### 2.3 Range

2.3.1 Surface area - Range (km <sup>2</sup> )	1800
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	2000-2012
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	1986-2012
2.3.7 Long-term trend direction	decrease (-)
2.3.8 Long-term trend magnitude	min max
2.3.9 Favourable reference range	area (km <sup>2</sup> )

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	operator	more than (>)
	unknown	No
	method	Expert opinion based on historical data and recent surveys
2.3.10 Reason for change	Improved knowledge/more accurate data	Use 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	12	max	12
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	1985-2012			
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	1986-2012			
2.4.11 Long term trend direction	decrease (-)			
2.4.12 Long-term trend magnitude	min	max	confidence interval	
2.4.13 Long-term trend method	Estimate based on partial data with some extrapolation and/or modelling (2)			
2.4.14 Favourable reference population	number			
	operator	more than (>)		
	unknown	No		
	method	Expert based on recent surveys in historical localities (Piedmont)		
2.4.15 Reason for change	Improved knowledge/more accurate data			

## 2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km <sup>2</sup> )	
2.5.2 Year or period	
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	decrease (-)
2.5.7 Long-term trend period	1986-2012
2.5.8 Long term trend direction	decrease (-)
2.5.9 Area of suitable habitat (km <sup>2</sup> )	
2.5.10 Reason for change	Improved knowledge/more accurate data

## 2.6 Main Pressures

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Pressure	ranking	pollution qualifier(s)
modification of cultivation practices (A02)	high importance (H)	N/A
human induced changes in hydraulic conditions (J02)	high importance (H)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	high importance (H)	toxic inorganic chemicals ( T) Mixed pollutants ( X)
invasive non-native species (I01)	high importance (H)	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)
modification of cultivation practices (A02)	high importance (H)	N/A
human induced changes in hydraulic conditions (J02)	high importance (H)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	high importance (H)	toxic inorganic chemicals ( T) Mixed pollutants ( X)
invasive non-native species (I01)	high importance (H)	N/A
forest exploitation without replanting or natural regrowth (B03)	medium importance (M)	N/A
Structures, buildings in the landscape (E04)	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 Inadequate (U1) qualifiers declining (-)
2.9.2. Population	assessment Unknown (XX) qualifiers N/A
2.9.3. Habitat	assessment Inadequate (U1) qualifiers declining (-)
2.9.4. Future prospects	assessment Bad (U2) qualifiers declining (-)
2.9.5 Overall assessment of Conservation Status	Bad (U2)
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	N/A
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	min	max
3.1.2 Method used	N/A	
3.1.3 Trend of population size within	N/A	
3.2 Conversation Measures		