

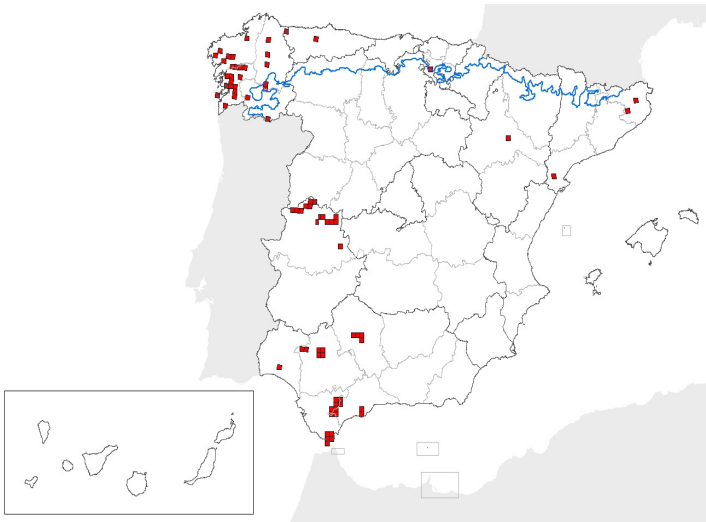
Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

Oxygastra curtisii

1. National level

Biogeographical regions and/or marine regions concerned within the Member State: ATL MED

map-distribution



2. Biogeographical or marine level

2.1 Biogeographical region or marine region: ATLANTIC

2.2 Published sources and/or websites:

Azpilicueta, M. (2002) La fauna de Odonatos en Galicia: Distribución, diversidad y conservación de especies amenazadas. Tesis de Licenciatura Universidad de Vigo. Vigo.

Galante, E. & Verdú, J.R. (2000). Los Artrópodos de la "Directiva Hábitat" en España. Ed. Organismo Autónomo Parques Nacionales, Ministerio de Medio Ambiente. Madrid, 247

Verdú, J. R. & E. Galante (Eds.) (2006). Libro rojo de los invertebrados de España. Dirección General para la Conservación de la Naturaleza

Nores, C. & P. García-Rovés (Coord.) (2007). Libro Rojo de la fauna del Principado de Asturias. Consejería de Medio Ambiente Ordenación del Territorio e Infraestructuras del Principado de Asturias.

Ocharan, R. y Ocharan, F.J. 2002. Odonatos del valle de Cuartango (Álava). Boletín de la Asociación Española de Entomología, 26: 97-110.

2.3 Range of the species type in the biogeographic region or marine region

- 2.3.1 Surface area of species range in km2: 2662,68
- 2.3.2 Date of range determination: 1994-2007
- 2.3.3 Quality of data concerning range: Good e.g based on extensive surveys
- 2.3.4 Range trend: Stable (=)
- 2.3.5 Range trend magnitude in km2 (optional):
- 2.3.6 Range trend period: 1995-2007
- 2.3.7 Reasons for reported trend: Unknown

and/or specify

2.4 Population of the species in the biogeographic region or marine region

2.4.1 Population size estimation:

Population size estimation (minimum)	Population size estimation (maximum)	Population units
28	31	Number of localities

# Oxygastra curtisii

2.4.2 Date of population estimation:	2007
2.4.3 Methods used for population estimation:	From comprehensive inventory
2.4.4 Quality of data on area:	Good e.g based on extensive surveys
2.4.5 Population trend:	Stable (=)
2.4.6 Population trend magnitude (km2):	
2.4.7 Population trend period:	1995-2007
2.4.8 Reasons for reported trend:	Unknown
and/or specify:	
2.4.9 Justification of % thresholds for trends (optional):	
2.4.10 Main pressures:	100 Cultivation 700 Pollution 701 - water pollution 850 Modification of hydrographic functioning, general 852 - modifying structures of inland water courses 853 - management of water levels 890 Other human induced changes in hydraulic conditions
2.4.11 Threats	100 Cultivation 700 Pollution 701 - water pollution 850 Modification of hydrographic functioning, general 852 - modifying structures of inland water courses 853 - management of water levels 890 Other human induced changes in hydraulic conditions

## 2,5 Habitat for the species in the biogeographic region or marine region

2.5.1 Habitats for the species:	Zonas remansadas de ríos relativamente grandes con fondos de barro, tramos sole
2.5.2 Area estimation (km2):	
2.5.3 Date of estimation:	
2.5.4 Quality of the data:	
2.5.5 Trend of the habitat:	
2.5.6 Trend period:	
2.5.7 Reasons for reported trend:	
Other (specify):	

2.6 Future prospects for the species:	Good prospects - species expected to survive and prosper
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## 2.7 Complementary information

2.7.1 Favourable reference range (km2):	
2.7.2 Favourable reference population:	
2.7.3 Suitable habitat for the species (km2):	
2.7.4 Other relevant information (optional):	

Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
Conclusions: (2.3) Range:	Unknown (XX)	
Conclusions: (2.4) Population:	Unknown (XX)	
Conclusions: (2.5) Habitat for the species:	Unknown (XX)	

# Oxygastra curtisii

Conclusions: (2.6) Future prospects:	Unknown (XX)
Conclusions: Overall assessment:	Unknown (XX)

## 2.1 Biogeographical region or marine region: **MEDITERRANEAN**

### 2.2 Published sources and/or websites:

Azpilicueta, M. (2002) La fauna de Odonatos en Galicia: Distribución, diversidad y conservación de especies amenazadas. Tesis de Licenciatura Universidad de Vigo. Vigo.

Galante, E. & Verdú, J.R. (2000). Los Artrópodos de la "Directiva Hábitat" en España. Ed. Organismo Autónomo Parques Nacionales, Ministerio de Medio Ambiente. Madrid, 247

Baixeras, J. 2006.Les Libèl·lules dela Comunitat Valenciana. Conselleria de Territori I Habitatge. Generalitat Valenciana.

Rosas, G., Ramos, M.A. y García, A. 1991. Invertebrados españoles protegidos por convenios internacionales. Memoria final convenio de cooperación entre ICONA y CSIC. Departamento de Biodiversidad. Museo de Ciencias Naturales, CSIC, Madrid.

Murria, E. 2001. Determinación de las poblaciones de insectos amenazados en Aragón. Gobierno de Aragón. Dirección General del Medio Natural. Servicio de Conservación de la Biodiversidad.

Murria, E. 2002. Determinación del estado y distribución de insectos de interés comunitario y especial el Aragón. Gobierno de Aragón. Dirección General del Medio Natural. Servicio de Conservación de la Biodiversidad.

Especies protegidas de Extremadura: Fauna 1  
Colección medio ambiente. Dirección general de Medio Ambiente. Junta de Extremadura.  
En Estudio. LIFE: 2003/NAT/E/00057

### 2.3 Range of the species type in the biogeographic region or marine region

2.3.1 Surface area of species range in km2:	4490,12
2.3.2 Date of range determination:	2001-2007
2.3.3 Quality of data concerning range:	Poor e.g. based on very incomplete data or on expert judgement
2.3.4 Range trend:	Unknown (X)
2.3.5 Range trend magnitude in km2 (optional):	
2.3.6 Range trend period:	
2.3.7 Reasons for reported trend:	Unknown
and/or specify	

### 2.4 Population of the species in the biogeographic region or marine region

2.4.1 Population size estimation:			
	Population size estimation (minimum)	Population size estimation (maximum)	Population units
	46	47	Number of localities
2.4.2 Date of population estimation:		2006-2007	
2.4.3 Methods used for population estimation:		From comprehensive inventory	
2.4.4 Quality of data on area:		Good e.g based on extensive surveys	
2.4.5 Population trend:		Unknown (X)	
2.4.6 Population trend magnitude (km2):			
2.4.7 Population trend period:			
2.4.8 Reasons for reported trend:		Unknown	
and/or specify:			
2.4.9 Justification of % thresholds for trends (optional):			
2.4.10 Main pressures:		100 Cultivation	
		101 - modification of cultivation practices	

# Oxygastra curtisii

- 120 Fertilisation
- 240 Taking / Removal of fauna, general
- 241 - collection (insects, reptiles, amphibians.....)
- 300 Sand and gravel extraction
- 301 - quarries
- 400 Urbanised areas, human habitation
- 401 - continuous urbanisation
- 402 - discontinuous urbanisation
- 403 - dispersed habitation
- 500 Communication networks
- 700 Pollution
- 701 - water pollution
- 720 Trampling, overuse
- 800 Landfill, land reclamation and drying out, general
- 803 - infilling of ditches, dykes, ponds, pools, marshes or pits
- 811 - management of aquatic and bank vegetation for drainage purposes
- 820 Removal of sediments (mud...)
- 830 Canalisation
- 850 Modification of hydrographic functioning, general
- 852 - modifying structures of inland water courses
- 853 - management of water levels
- 870 Dykes, embankments, artificial beaches, general
- 890 Other human induced changes in hydraulic conditions
- 920 Drying out
- 954 - invasion by a species

## 2.4.11 Threats

- 100 Cultivation
- 101 - modification of cultivation practices
- 110 Use of pesticides
- 120 Fertilisation
- 240 Taking / Removal of fauna, general
- 241 - collection (insects, reptiles, amphibians.....)
- 300 Sand and gravel extraction
- 301 - quarries
- 400 Urbanised areas, human habitation
- 401 - continuous urbanisation
- 402 - discontinuous urbanisation
- 403 - dispersed habitation
- 500 Communication networks
- 700 Pollution
- 701 - water pollution
- 720 Trampling, overuse
- 800 Landfill, land reclamation and drying out, general
- 803 - infilling of ditches, dykes, ponds, pools, marshes or pits
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- 850 Modification of hydrographic functioning, general
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- 870 Dykes, embankments, artificial beaches, general
- 890 Other human induced changes in hydraulic conditions
- 920 Drying out
- 954 - invasion by a species

## 2,5 Habitat for the species in the biogeographic region or marine region

## Oxygastra curtisii

2.5.1 Habitats for the species:	Zonas remansadas de ríos relativamente grandes con fondos de barro, tramos sole
2.5.2 Area estimation (km2):	
2.5.3 Date of estimation:	
2.5.4 Quality of the data:	
2.5.5 Trend of the habitat:	Unknown (X)
2.5.6 Trend period:	
2.5.7 Reasons for reported trend:	ClimateChange DirectHuman ImprovedKnowledge IndirectHuman

Other (specify):

2.6 Future prospects for the species:	Unknown
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### 2.7 Complementary information

2.7.1 Favourable reference range (km2):	
2.7.2 Favourable reference population:	
2.7.3 Suitable habitat for the species (km2):	
2.7.4 Other relevant information (optional):	

Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
Conclusions: (2.3) Range:	Bad (U2)	
Conclusions: (2.4) Population:	Bad (U2)	
Conclusions: (2.5) Habitat for the species:	Bad (U2)	
Conclusions: (2.6) Future prospects:	Bad (U2)	
Conclusions: Overall assessment:	Bad (U2)	