

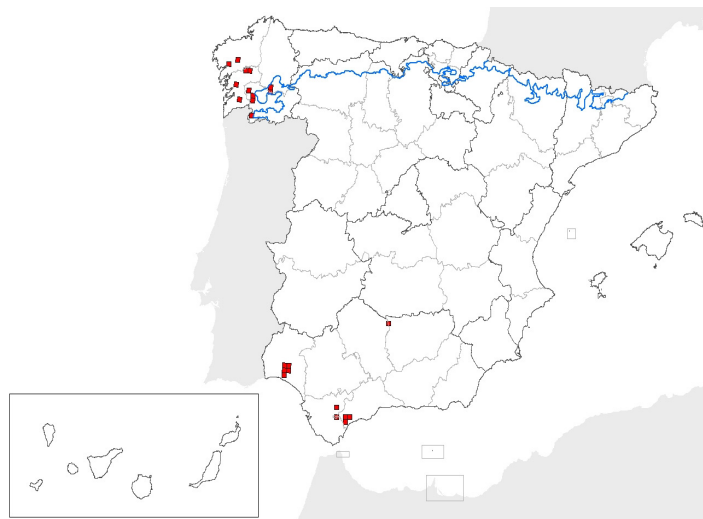
# Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

## Macromia splendens

### 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

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

- 2.3.1 Surface area of species range in km2: 1266
- 2.3.2 Date of range determination: 2000-2007
- 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:  
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
12		Number of localities

- 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):

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2.4.7 Population trend period:	1995-2007
2.4.8 Reasons for reported trend:	
and/or specify:	
2.4.9 Justification of % thresholds for trends (optional):	
2.4.10 Main pressures:	701 - water pollution 850 Modification of hydrographic functioning, general 890 Other human induced changes in hydraulic conditions
2.4.11 Threats	701 - water pollution 850 Modification of hydrographic functioning, general 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:	Aguas lentas profundas y soleadas con abundante vegetación
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:	
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)	
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

Datos aún no publicados del proyecto LIFE 2003/NAT/E/000057 “Conservación de artrópodos Amenazados de Extremadura”.

“Especies Protegidas de Extremadura” Dirección General de Medio ambiente, Junta de Extremadura. 2005

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

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

- 2.3.1 Surface area of species range in km2: 1787
- 2.3.2 Date of range determination: 2007
- 2.3.3 Quality of data concerning range: Good e.g based on extensive surveys
- 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:  
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
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- 2.4.2 Date of population estimation:
- 2.4.3 Methods used for population estimation:
- 2.4.4 Quality of data on area:
- 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:  
and/or specify:
- 2.4.9 Justification of % thresholds for trends (optional):
- 2.4.10 Main pressures:
  - 101 - modification of cultivation practices
  - 110 Use of pesticides
  - 120 Fertilisation
  - 130 Irrigation
  - 151 - removal of hedges and copses
  - 165 - removal of forest undergrowth
  - 167 - forest exploitation without replanting
  - 241 - collection (insects, reptiles, amphibians.....)
  - 690 Other leisure and tourism impacts not referred to above
  - 701 - water pollution
  - 703 - soil pollution
  - 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
  - 900 Erosion
  - 910 Silting up
  - 920 Drying out
  - 943 - collapse of terrain, landslide
  - 948 - fire (natural)
  - 952 - eutrophication
  - 953 - acidification

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## 2.4.11 Threats

- 101 - modification of cultivation practices
- 110 Use of pesticides
- 120 Fertilisation
- 130 Irrigation
- 151 - removal of hedges and copses
- 165 - removal of forest undergthreath
- 167 - forest exploitation without replanting
- 241 - collection (insects, reptiles, amphibians.....)
- 500 Communication networks
- 690 Other leisure and tourism impacts not referred to above
- 700 Pollution
- 701 - water pollution
- 703 - soil pollution
- 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
- 900 Erosion
- 910 Silting up
- 920 Drying out
- 943 - collapse of terrain, landslide
- 948 - fire (natural)
- 952 - eutrophication
- 953 - acidification

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

- 2.5.1 Habitats for the species: Aguas lentas profundas y soleadas con abundante vegetación.
- 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:
- Other (specify):

## 2.6 Future prospects for the species: Unknown

## 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)	

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