

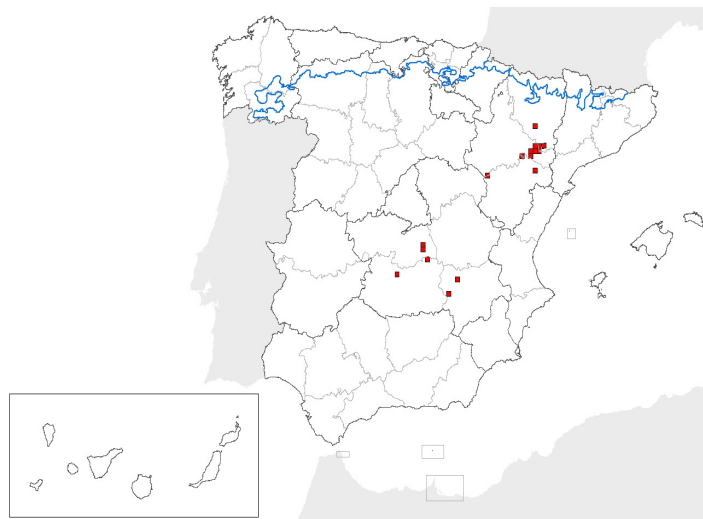
# Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

## Riella helicophylla

### 1. National level

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

map-distribution



### 2. Biogeographical or marine level

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

#### 2.2 Published sources and/or websites:

INFANTE, M. & HERAS, P. (2003) Briofitos (musgos y hepáticas) de Aragón. Lista Roja de los Briofitos de Aragón. Informe inédito para el Gobierno de Aragón.

Cirujano, S., Montes, P., Martino P., Enríquez S. & García Murillo P. Contribución al estudio del género Riella Mont. (Sphaerocarpales, Riellaceae) en España, 1988, Limnetica 4:41-50.

Cirujano, S., Moreno M., El paisaje vegetal de la Laguna Larga de Villacañas (Toledo) y su entorno. Valoración y gestión de la flora y la vegetación. Real Jardín Botánico de Madrid, CSIC.

Cirujano, S., Medina, L., Stübing, Peris, J.B. (Enero 1996). Informe sobre la flora, la vegetación y los enclaves que tienen interés botánico prioritario en Castilla-La Mancha. Real Jardín botánico de Madrid, CSIC, enero 1996.

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

- 2.3.1 Surface area of species range in km2: 1900
- 2.3.2 Date of range determination: 2003
- 2.3.3 Quality of data concerning range: Good e.g based on extensive surveys
- 2.3.4 Range trend: Increasing (+)
- 2.3.5 Range trend magnitude in km2 (optional):
- 2.3.6 Range trend period: 1998-2003
- 2.3.7 Reasons for reported trend: Improved knowledge/more accurate data  
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
19	0	Number of individuals

2.4.2 Date of population estimation: 2003

# Riella helicophylla

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:	Increasing (+)
2.4.6 Population trend magnitude (km2):	
2.4.7 Population trend period:	
2.4.8 Reasons for reported trend:	Improved knowledge/more accurate data
and/or specify:	
2.4.9 Justification of % thresholds for trends (optional):	
2.4.10 Main pressures:	100 Cultivation 140 Grazing 701 - water pollution 810 Drainage 850 Modification of hydrographic functioning, general 890 Other human induced changes in hydraulic conditions
2.4.11 Threats	100 Cultivation 140 Grazing 701 - water pollution 810 Drainage 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:	Forma céspedes laxos en el fondo de aguas salinas someras, hasta 30 cm de profu
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:	IndirectHuman
Other (specify):	

2.6 Future prospects for the species:	Poor prospects - species likely to struggle unless conditions change
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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)	