

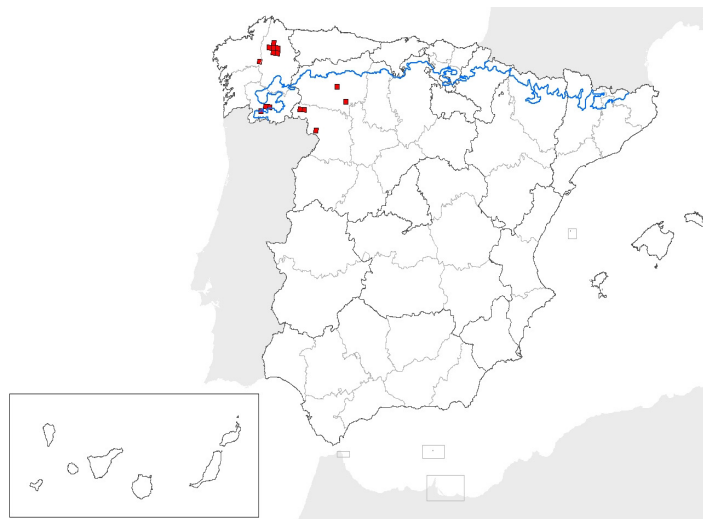
Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

Eryngium viviparum

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:

CMA. (2005). Plan de Ordenación de los Recursos Naturales Espacio Natural Protegido Parga-Ladra-Támoga. Consellería de Medio Ambiente, Santiago de Compostela.

Romero, M.I.; Ramil, P. & Rubinos, M. (2004). Conservation status of *Eryngium viviparum* Gay. Acta botanica gallica, vol. 151, no1, pp. 55-64

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

- | | |
|--|---|
| 2.3.1 Surface area of species range in km2: | 921 |
| 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: | Decreasing (-) |
| 2.3.5 Range trend magnitude in km2 (optional): | |
| 2.3.6 Range trend period: | 1995-2007 |
| 2.3.7 Reasons for reported trend: | Direct human influence (restoration, deterioration, destruction)
Indirect anthropo(zoo)genic influence |

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
10	10	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: | Decreasing (-) |

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2.4.6 Population trend magnitude (km2):	
2.4.7 Population trend period:	1995-2007
2.4.8 Reasons for reported trend:	Direct human influence (restoration, deterioration, destruction) Indirect anthropo(zoo)genic influence
and/or specify:	
2.4.9 Justification of % thresholds for trends (optional):	
2.4.10 Main pressures:	100 Cultivation 163 - forest replanting 810 Drainage 850 Modification of hydrographic functioning, general 954 - invasion by a species
2.4.11 Threats	100 Cultivation 163 - forest replanting 810 Drainage 850 Modification of hydrographic functioning, general 954 - invasion by a species

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

2.5.1 Habitats for the species:	Pequeñas y medianas charcas y aguas inundadas estacionalmente, preferentemen
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:	NotApplicable
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)	

2.1 Biogeographical region or marine region: MEDITERRANEAN

2.2 Published sources and/or websites:

CMA. (2005). Plan de Ordenación de los Recursos Naturales Espacio Natural Protegido Parga-Ladra-Támoga. Consellería de Medio Ambiente, Santiago de Compostela.

Romero, M.I.; Ramil, P. & Rubinos, M. (2004). Conservation status of Eryngium viviparum Gay. Acta botanica gallica, vol. 151,

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no1, pp. 55-64

2002-2007. Catálogo de la Flora Vascular Silvestre de Castilla y León. Consejería de Medio Ambiente de la Junta de Castilla y León.

Castroviejo,S., Nieto Feliner,G., Jury,S.L., Herrero,A., eds.; 2003; Flora iberica. Plantas vasculares de la Península Ibérica e Islas Baleares. Vol. X. Araliaceae-Umbelliferae; Real Jardín Botánico de Madrid. CSIC

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

- 2.3.1 Surface area of species range in km2: 582,6
- 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: 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
6	8	Number of localities
- 2.4.2 Date of population estimation: 2007
- 2.4.3 Methods used for population estimation: Extrapolation from surveys of part of the population or from sampling
- 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
 - 163 - forest replanting
 - 701 - water pollution
 - 720 Trampling, overuse
 - 810 Drainage
 - 850 Modification of hydrographic functioning, general
 - 954 - invasion by a species
- 2.4.11 Threats
 - 100 Cultivation
 - 163 - forest replanting
 - 501 - paths, tracks, cycling tracks
 - 502 - roads, motorways
 - 701 - water pollution
 - 720 Trampling, overuse
 - 810 Drainage
 - 850 Modification of hydrographic functioning, general
 - 954 - invasion by a species

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

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2.5.1 Habitats for the species:	Pequeñas y medianas charcas y aguas inundadas estacionalmente, preferentemen
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:	NotApplicable
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:	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)	