

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

Marsilea quadrifolia

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:

Bañares, A., G. Blanca, J. Güemes, J.C. Moreno & S. Ortiz, eds. (2004). Atlas y libro rojo de la flora vascular amenazada de España. Dirección General para la Biodiversidad, Publicaciones del O.A.P.N. Madrid.
http://www.mma.es/portal/secciones/biodiversidad/inventarios/inb/flora_vascular/pdf/902.pdf

Ibars, A.M., J.J. Herrero-Borgoñon, E. Estrelles & I. Martínez (1999) Helechos de la Comunidad Valenciana. Colección Biodiversidad, 6. Generalitat Valenciana.

Estrelles, E., A.M. Ibars & J.J. Herrero-Borgoñon (2001) Situación de las poblaciones valencianas del género Marsilea: Medidas para su conservación. Botanica Complutensis, 25: 241-249.

<http://www.ucm.es/BUCM/revistas/bio/02144565/articulos/BOCM0101110241A.PDF>

Projecte de conservació de les falgueres del gènere Marsilea a Catalunya: Marsilea quadrifolia i Marsilea strigosa a les comarques gironines. J.Font. 2000.

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

2.3.1 Surface area of species range in km2: 0,02

2.3.2 Date of range determination: 2000

2.3.3 Quality of data concerning range:

2.3.4 Range trend:

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
0	0	

Marsilea quadrifolia

- 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:
- 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:
- 2.4.11 Threats

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

- 2.5.1 Habitats for the species: Comunidades acuáticas de lugares más o menos encharcados o cursos de agua con
- 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:

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): La especie se considera extinta en la naturaleza. Una de las principales causas de

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)	