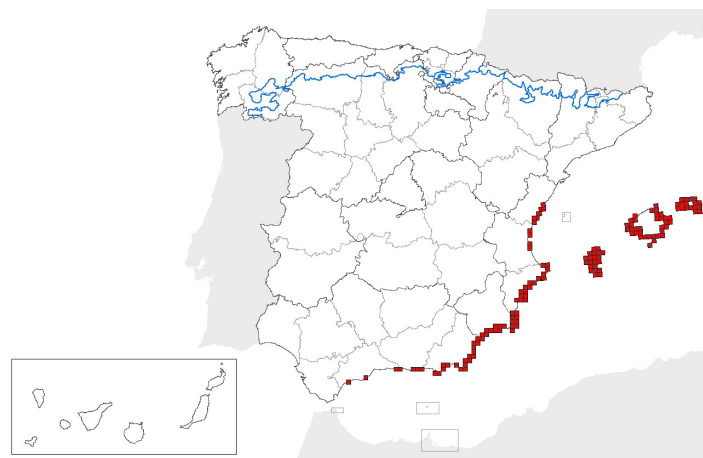


## 1120 Posidonia beds (Posidonion oceanicae)

### 1. National level

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



map-distribution

### 2. Biogeographical or marine level

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

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

Bartolomé, C., J. Álvarez, J. Vaquero, M. Costa, M.A. Casermeiro, J. Giraldo & J. Zamora (2005). Los tipos de hábitat de interés comunitario de España. Guía básica. Dirección General para la Biodiversidad, Ministerio de Medio Ambiente.

Ministerio de Medio Ambiente. (2003). Atlas y manual de los hábitat de España. Dirección General de Conservación de la Naturaleza, Ministerio de Medio Ambiente.

Vigo, J.; Carreras, J. & Ferré, A. (eds.). Manual dels Hàbitats de Catalunya: catàleg dels hàbitats naturals reconeguts en el territori català d'acord amb els criteris establerts pel CORINE biotopes manual de la Unió Europea. Vols I a VII. Departament de Medi Ambient i Habitatge. Generalitat de Catalunya. 2005-2008.

Llorens, L., Gil, L. (2004). Atlas de los Hábitats.

Marbà, N., Duarte, C., Tovar, A. (2007), Estudi d'implementació de la directiva marc de l'aigua a Balears: Avaluació de la qualitat ambiental de les masses d'aigua costaneres utilitzant indicadors i índex biològics. Element biològic de qualitat: Posidonia oceànica.

Proyecto LIFE Posidonia. Accion F3: Modelización de la demografía de la Posidonia oceanica.

Inventario, evaluación y programa de mantenimiento; conservación de hábitats de interés prioritario del litoral de Almería; praderas de Poseidonia oceanica.

#### 2.3 Range of the habitat type in the biogeographical region or marine region

- |  |   |
|--|---|
| 2.3.1 Surface area of range in km <sup>2</sup> :           | 7300,45   |
| 2.3.2 Date of range determination:                         | 1995-2005   |
| 2.3.3 Quality of data concerning range:                    | Moderate e.g. based on partial data with some extrapolation |
| 2.3.4 Range trend:   | Decreasing (-)  |
| 2.3.5 Range trend magnitude in km <sup>2</sup> (optional): |   |
| 2.3.6 Range trend period:                                  | 1990-2006   |

# 1120 Posidonia beds (*Posidonia oceanica*)

2.3.7 Reasons for reported trend: Direct human influence (restoration, deterioration, destruction)  
Indirect anthropo(zoo)genic influence  
and/or specify

## 2.4 Area covered by habitat type in the biogeographical region or marine region

2.4.1 Surface area of the habitat type (km<sup>2</sup>): 66,12  
2.4.2 Date of area estimation: 1995-2004  
2.4.3 Method used for area estimation: Ground based survey (based on field mapping, possibly using stratified random sa  
2.4.4 Quality of data on area: Moderate e.g. based on partial data with some extrapolation  
2.4.5 Area trend: Unknown (X)  
2.4.6 Area trend magnitude (km<sup>2</sup>):  
2.4.7 Area 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: 120 - Fertilisation  
212 - trawling  
300 - Sand and gravel extraction  
302 - removal of beach materials  
701 - water pollution  
820 - Removal of sediments (mud...)  
850 - Modification of hydrographic functioning, general  
851 - modification of marine currents  
870 - Dykes, embankments, artificial beaches, general  
954 - invasion by a species  
2.4.11 Threats 212 - trawling  
220 - Leisure fishing  
300 - Sand and gravel extraction  
302 - removal of beach materials  
701 - water pollution  
850 - Modification of hydrographic functioning, general  
851 - modification of marine currents  
870 - Dykes, embankments, artificial beaches, general  
954 - invasion by a species

## 2.5 Complementary information

2.5.1 Favourable reference range (km<sup>2</sup>):  
2.5.2 Favourable reference area (km<sup>2</sup>):  
2.5.3 Typical Species: *Alvania spp*, *Campanularia assymetrica*, *Cladosiphon cylindricus*, *Coris julis*, *Dictyota linearis*, *Diplodus annularis*, *Electra posidoniae*, *Falbelia petiolata*, *Gibbula umbilicaris*, *Giraudia sphacelarioidies*, *Halimeda tuna*, *Hippocampus spp*, *Labrus viridis*, *Lichenopora radiata*, *Miniacina miniacea*, *Peyssonnelia squamaria*, *Pinna nobilis*, *Plumularia obliqua f. Posidoniae*, *Posidonia oceanica*, *Risso spp*, *Sarpa sarpa*, *Sertularia perpusilla*, *Smaragdia viridis*, *Spicara smar*, *Spirorbis spp.*, *Symphodus dodderleini*, *Syngnathus typle*, *Tricholia spp*  
2.5.4 Typical species assessment: Sin evaluar  
2.5.5 Other relevant information (optional):

Conclusion

Biogeographical or  
marine level

Conclusions within Natura 2000  
sites (optional)

1120 Posidonia beds (Posidonion oceanicae)

Conclusions: (2.3) Range:	Unknown (XX)
Conclusions: (2.4) Area:	Unknown (XX)
Conclusions: (2.5) Structure and function, including typical species:	Unknown (XX)
Conclusions: Future prospects:	Unknown (XX)
Conclusions: Overall assessment:	Unknown (XX)