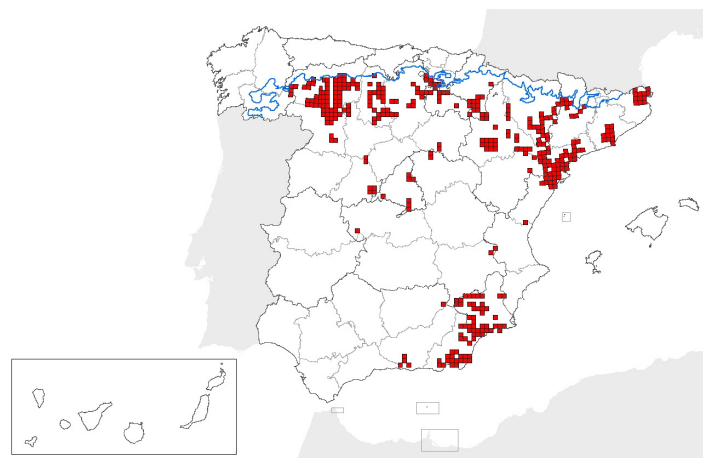


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1. National level

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:

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.

Escudero, A., J.M. Olano, R. García, P. Bariego, I. Molina & J.A. Arranz (2007). Guía básica para la interpretación de los hábitats de interés comunitario en la Comunidad de Castilla y León. Junta de Castilla y León. Consejería de Medio Ambiente (en prensa).

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

- 2.3.1 Surface area of range in km²: 10
- 2.3.2 Date of range determination:
- 2.3.3 Quality of data concerning range:
- 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 Area covered by habitat type in the biogeographical region or marine region

- 2.4.1 Surface area of the habitat type (km²): 1
- 2.4.2 Date of area estimation: 2003
- 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: Poor e.g. based on very incomplete data or on expert judgement

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- 2.4.5 Area trend: Unknown (X)
- 2.4.6 Area trend magnitude (km²): 0
- 2.4.7 Area 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: 330 - Mines
830 - Canalisation
853 - management of water levels
- 2.4.11 Threats 330 - Mines
830 - Canalisation
853 - management of water levels

2.5 Complementary information

- 2.5.1 Favourable reference range (km²): 0
- 2.5.2 Favourable reference area (km²): 0
- 2.5.3 Typical Species: *Andryala ragusina*, *Erucastrum nasturtiifolium*, *Eupatorium cannabinum*, *Lactuca chondriifolia*, *Mercurialis tomentosa*, *Scrophularia canina*
- 2.5.4 Typical species assessment:
- 2.5.5 Other relevant information (optional):

Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
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)	

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

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

Inventario Nacional de hábitats. Ministerio Medio Ambiente. 1997. Cartografía y bases de datos.

Inventario Nacional de Hábitat (1996). Dirección General para la Biodiversidad, Ministerio de Medio Ambiente

Cuevas, J.A. (2003). Inventario y descripción de los hábitats incluidos en la Directiva 92/43/CEE presentes en la Comunidad de Madrid. Serie Documentos, nº 40. Edt. Centro de Investigaciones Ambientales de la Comunidad de Madrid Fernando González Bernáldez. Soto del Real. Madrid. 59pp.

Rivas-Martínez, S. T.E. Díaz, F. Fernández-González, J. Izco, J. Loidi, M. Lousa & A. Penas (2002). Vascular plant communities of Spain and Portugal. Addenda to the syntaxonomical checklist of 2001. *Itinera Geobotanica* 15(2): 433-922.

Escudero, A., J.M. Olano, R. García, P. Bariego, I. Molina & J.A. Arranz (2007). Guía básica para la interpretación de los hábitats de interés comunitario en la Comunidad de Castilla y León. Junta de Castilla y León. Consejería de Medio Ambiente (en prensa).

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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.

Martín, J.; Cirujano, S.; Moreno, M.; Bautista, J.; Stübing, G. La vegetación protegida en Castilla-La Mancha. Descripción, ecología y conservación de los hábitat de protección especial. Dirección General del Medio Natural. Consejería de Agricultura y Medio Ambiente. Junta de Comunidades de Castilla-La Mancha. 2003.

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

2.3.1 Surface area of range in km²: 33844

2.3.2 Date of range determination:

2.3.3 Quality of data concerning range:

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

2.4.1 Surface area of the habitat type (km²): 174

2.4.2 Date of area estimation: 1993-2007

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: Poor e.g. based on very incomplete data or on expert judgement

2.4.5 Area trend: Unknown (X)

2.4.6 Area trend magnitude (km²): 0

2.4.7 Area 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:

- 100 - Cultivation
- 110 - Use of pesticides
- 120 - Fertilisation
- 130 - Irrigation
- 300 - Sand and gravel extraction
- 301 - quarries
- 302 - removal of beach materials
- 330 - Mines
- 400 - Urbanised areas, human habitation
- 410 - Industrial or commercial areas
- 420 - Discharges
- 500 - Communication networks
- 701 - water pollution
- 811 - management of aquatic and bank vegetation for drainage purposes
- 830 - Canalisation
- 850 - Modification of hydrographic functioning, general
- 853 - management of water levels
- 890 - Other human induced changes in hydraulic conditions
- 952 - eutrophication

2.4.11 Threats 100 - Cultivation

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110 - Use of pesticides
 120 - Fertilisation
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 830 - Canalisation
 850 - Modification of hydrographic functioning, general
 853 - management of water levels
 890 - Other human induced changes in hydraulic conditions
 952 - eutrophication

2.5 Complementary information

2.5.1 Favourable reference range (km2):

0

2.5.2 Favourable reference area (km2):

0

2.5.3 Typical Species:

Ambrosia coronopifolia, *Andryala ragusina*, *Erucastrum nasturtiifolium*, *Eupatorium cannabinum*, *Glaucium flavum*, *Lactuca chondriifolia*, *Lactuca viminea*, *Mercurialis tormentosa*, *Ononis natrix*, *Plantago sempervirens*, *Ruta montana*, *Santolina rosmarinifolia*, *Scrophularia canina*, *Scrophularia crithmifolia*

2.5.4 Typical species assessment:

En La Rioja, la selección de las especies típicas se realizó a partir de los datos ob

2.5.5 Other relevant information (optional):

En Aragón, este hábitat está presente en 20 Lugares, y el 80,75 % del hábitat con

Conclusion

Biogeographical or marine level

Conclusions within Natura 2000 sites (optional)

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)