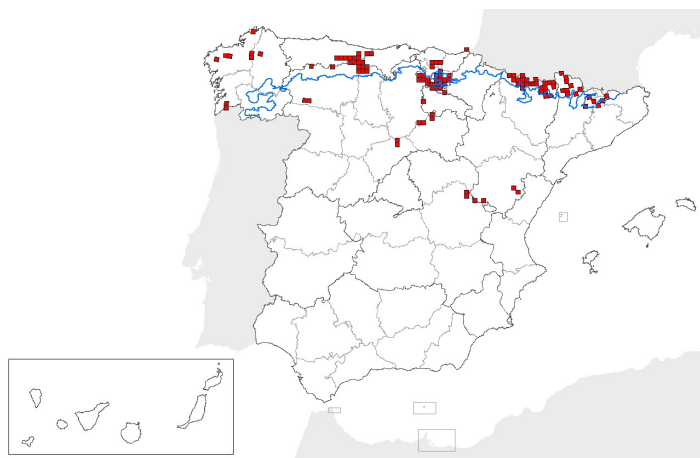


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1. National level

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



map-distribution

2. Biogeographical or marine level

2.1 Biogeographical region or marine region: **ALPINE**

2.2 Published sources and/or websites:

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. Volumes I a VII. Departament de Medi Ambient i Habitatge. Generalitat de Catalunya. 2005-2008.

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

2.3.1 Surface area of range in km ² :	3460,41
2.3.2 Date of range determination:	1998-2003
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 km ² (optional):	
2.3.6 Range trend period:	
2.3.7 Reasons for reported trend:	Not applicable
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 ²):	2,94
2.4.2 Date of area estimation:	1998-2007
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:	Moderate e.g. based on partial data with some extrapolation
2.4.5 Area trend:	Decreasing (-)
2.4.6 Area trend magnitude (km ²):	0
2.4.7 Area trend period:	
2.4.8 Reasons for reported trend:	Not applicable

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and/or specify:

2.4.9 Justification of % thresholds for trends (optional):

2.4.10 Main pressures: 710 - Noise nuisance
810 - Drainage
850 - Modification of hydrographic functioning, general

2.4.11 Threats 710 - Noise nuisance
810 - Drainage
850 - Modification of hydrographic functioning, general

2.5 Complementary information

2.5.1 Favourable reference range (km²): 1240

2.5.2 Favourable reference area (km²): 130 Much more than

2.5.3 Typical Species: *Carex davalliana*, *Carex lepidocarpa*, *Carex nigra*, *Carex paniculata*, *Drepanocladus intermedius*, *Eleocharis quinqueflora*, *Eriophorum latifolium*, *Juncus triglumis*, *Orchis latifolia*, *Parnassia palustris*, *Pinguicula vulgaris*, *Primula farinosa*, *Swertia perennis*, *Tofieldia calyculata*

2.5.4 Typical species assessment: seleccionadas a partir del “Manual de los hábitats de Catalunya”

2.5.5 Other relevant information (optional): En la Comunidad Autónoma de Aragón está presente en 22 Lugares y el 81,78% de

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: ATLANTIC

2.2 Published sources and/or websites:

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

2.3.1 Surface area of range in km²: 0

2.3.2 Date of range determination:

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

2.4.1 Surface area of the habitat type (km²): 0

2.4.2 Date of area estimation:

2.4.3 Method used for area estimation:

2.4.4 Quality of data on area:

2.4.5 Area trend:

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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:

2.4.11 Threats

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:

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.

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).

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.

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

Arizaleta, J.A., García Baquero, G., Medrano, L.M. Inventario de hábitats naturales en los Lugares de Importancia Comunitaria de La Rioja (2003) Dirección General de Medio Natural. Gobierno de La Rioja (Estudio inédito)

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

2.3.1 Surface area of range in km²: 2971

2.3.2 Date of range determination:

2.3.3 Quality of data concerning range:

2.3.4 Range trend: Unknown (X)

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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): 8

2.4.2 Date of area estimation: 1996-2007

2.4.3 Method used for area estimation: Based on remote sensing data (possibly including an element of ground truthing)

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:

- 140 - Grazing
- 161 - forest planting
- 310 - Peat extraction
- 501 - paths, tracks, cycling tracks
- 720 - Trampling, overuse
- 810 - Drainage
- 830 - Canalisation
- 890 - Other human induced changes in hydraulic conditions
- 952 - eutrophication

2.4.11 Threats

- 140 - Grazing
- 160 - General Forestry management
- 161 - forest planting
- 300 - Sand and gravel extraction
- 310 - Peat extraction
- 501 - paths, tracks, cycling tracks
- 720 - Trampling, overuse
- 810 - Drainage
- 830 - Canalisation
- 890 - Other human induced changes in hydraulic conditions
- 952 - eutrophication
- 990 - Other natural processes

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: *Carex davalliana*, *Carex lepidocarpa*, *Carex mairii*, *Eleocharis quinqueflora*, *Eriophorum latifolium*, *Juncus pyrenaeus*, *Parnassia palustris*, *Pinguicula vulgaris*, *Primula farinosa*, *Schoenus nigricans*, *Swertia perennis*, *Triglochin palustris*

2.5.4 Typical species assessment: En Castilla- La Mancha las especies típicas fueron seleccionadas a partir de la pub

2.5.5 Other relevant information (optional): En Aragón Presente en 9 Lugares y el 33,94% del hábitat incluido en LIC.

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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)	