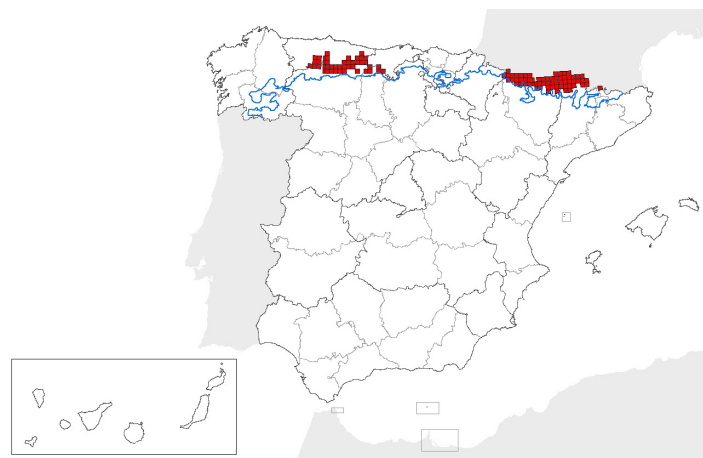


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1. National level

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



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

Bartolomé, C., Álvarez, J., Vaquero, J., Costa, M., Casermeiro, M.A., Giraldo, J. & Zamora, J. 2005. Los tipos de hábitat de interés comunitario de España. Guía básica.

Dirección General para la Biodiversidad, Ministerio de Medio Ambiente.

Inventario Nacional de hábitat. Ministerio Medio Ambiente. 1997.

Cartografía y bases de datos. Ministerio de Medio Ambiente. 2003.

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

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

- | | |
|--|--|
| 2.3.1 Surface area of range in km ² : | 6390,71 |
| 2.3.2 Date of range determination: | 1994-2006 |
| 2.3.3 Quality of data concerning range: | Poor e.g. based on very incomplete data or on expert judgement |
| 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

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2.4.1 Surface area of the habitat type (km2):	590,07
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:	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:	Not applicable
and/or specify:	
2.4.9 Justification of % thresholds for trends (optional):	
2.4.10 Main pressures:	140 - Grazing 141 - abandonment of pastoral systems 180 - Burning
2.4.11 Threats	140 - Grazing 141 - abandonment of pastoral systems 180 - Burning 602 - skiing complex

2.5 Complementary information

2.5.1 Favourable reference range (km2):	0	Approximately equal to
2.5.2 Favourable reference area (km2):	0	Approximately equal to
2.5.3 Typical Species:	<i>Campanula scheuchzeri</i> , <i>Conopodium majus</i> , <i>Festuca eskia</i> , <i>Meum athamanticum</i> , <i>Nardus stricta</i> , <i>Ranunculus pyrenaicus</i> , <i>Selinum pyrenaicum</i> , <i>Trifolium alpinum</i>	
2.5.4 Typical species assessment:	Seleccionadas a partir del "Manual de los hábitats de Catalunya"	
2.5.5 Other relevant information (optional):	En Aragón presente en 21 lugares 62,12 % del hábitat incluido en LIC	

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:	Bad but improving (U2+)	

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).

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.

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

2.3.1 Surface area of range in km ² :	2906,5
2.3.2 Date of range determination:	2003
2.3.3 Quality of data concerning range:	Moderate e.g. based on partial data with some extrapolation
2.3.4 Range trend:	
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):	105,78
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:	Moderate e.g. based on partial data with some extrapolation
2.4.5 Area trend:	Stable (=)
2.4.6 Area trend magnitude (km ²):	0
2.4.7 Area trend period:	1998-2003
2.4.8 Reasons for reported trend:	Improved knowledge/more accurate data
and/or specify:	
2.4.9 Justification of % thresholds for trends (optional):	
2.4.10 Main pressures:	141 - abandonment of pastoral systems 180 - Burning 501 - paths, tracks, cycling tracks 602 - skiing complex 623 - motorised vehicles 720 - Trampling, overuse 950 - Biocenotic evolution
2.4.11 Threats	141 - abandonment of pastoral systems 180 - Burning 501 - paths, tracks, cycling tracks 602 - skiing complex 623 - motorised vehicles 702 - air pollution 720 - Trampling, overuse 790 - Other pollution or human impacts/activities 900 - Erosion 950 - Biocenotic evolution

2.5 Complementary information

2.5.1 Favourable reference range (km ²):	0
2.5.2 Favourable reference area (km ²):	0
2.5.3 Typical Species:	<i>Festuca eskia</i> , <i>Juncus trifidus</i> , <i>Luzula caespitosa</i> , <i>Oreochloa blanka</i> , <i>Polygala edmundi</i> , <i>T. alpinum</i> , <i>Trifolium thalii</i>
2.5.4 Typical species assessment:	
2.5.5 Other relevant information (optional):	

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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)	