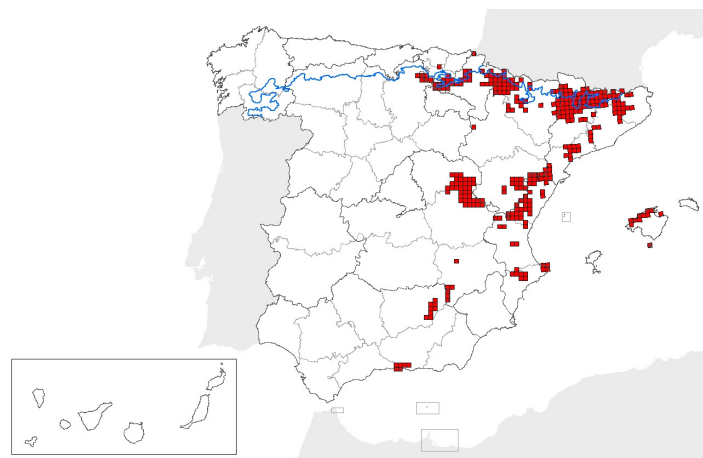


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1. National level

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 : | 6100 |
| 2.3.2 Date of range determination: | 1994-2003 |
| 2.3.3 Quality of data concerning range: | Good e.g based on extensive surveys |
| 2.3.4 Range trend: | Increasing (+) |
| 2.3.5 Range trend magnitude in km ² (optional): | |
| 2.3.6 Range trend period: | 1990-2006 |
| 2.3.7 Reasons for reported trend: | Indirect anthropo(zoo)genic influence Natural processes |

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): | 121,32 |
| 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: | Good e.g based on extensive surveys |
| 2.4.5 Area trend: | Increasing (+) |
| 2.4.6 Area trend magnitude (km ²): | 0 |
| 2.4.7 Area trend period: | 1990-2006 |

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2.4.8 Reasons for reported trend: Indirect anthropo(zoo)genic influence
Natural processes

and/or specify:

2.4.9 Justification of % thresholds for trends (optional):

2.4.10 Main pressures: 141 - abandonment of pastoral systems

2.4.11 Threats 141 - abandonment of pastoral systems

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: *Amelanchier ovalis*, *Arctostaphylos uva-ursi*, *Buxus sempervirens*, *Clematis vitalba*, *Coronilla emerus*, *Crataegus monogyna*, *Cytisophyllum sessilifolium*, *Hepatica nobilis*, *Ligustrum vulgare*, *Lonicera xylosteum*, *Primula veris subsp. Columnae*, *Prunus mahaleb*, *Prunus spinosa*, *Rhamnus saxatilis*, *Rosa canina*, *Rubus ulmifolius*

2.5.4 Typical species assessment: Especies aportadas por Cataluña: seleccionadas a partir

2.5.5 Other relevant information (optional): Aragón: presente en 7 lugares; 56,22 ha 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: | Favourable (FV) | |
| Conclusions: (2.5) Structure and function, including typical species: | Favourable (FV) | |
| Conclusions: Future prospects: | Favourable (FV) | |
| Conclusions: Overall assessment: | Favourable (FV) | |

2.1 Biogeographical region or marine region: ATLANTIC

2.2 Published sources and/or websites:

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

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.

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

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

2.3.1 Surface area of range in km2:

2.3.2 Date of range determination: 2003-2006

2.3.3 Quality of data concerning range: Moderate e.g. based on partial data with some extrapolation

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):

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| | |
|--|--|
| 2.4.2 Date of area estimation: | 2003-2006 |
| 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: | Moderate e.g. based on partial data with some extrapolation |
| 2.4.5 Area trend: | Increasing (+) |
| 2.4.6 Area trend magnitude (km2): | 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: | 180 - Burning 501 - paths, tracks, cycling tracks 623 - motorised vehicles |
| 2.4.11 Threats | 180 - Burning 501 - paths, tracks, cycling tracks 623 - motorised vehicles |

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: | <i>Buxus sempervirens</i> |
| 2.5.4 Typical species assessment: | |
| 2.5.5 Other relevant information (optional): | En el País Vasco el 71% de la superficie de este hábitat está incluida en la Red Na |

| 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:

Llorens, L., Gil, L., Cardona, C., Salas, X., Femenia, M., Galmés, H. & Bardolet, M. (2006) Cartografia dels Hàbitats del Paratge Natural de ls serra de Tramuntana

Llorens, L., Gil, L., Cardona, C., Salas, X., Femenia, M., Galmés, H. & Bardolet, M. (2005-2006) El análisis fitosociológico como instrumento para la definición y evaluación de hábitats. Aplicación en la zonificación del PORN de la Serra Tramuntana.

Llorens, L., Gil, L. (2004) Atlas de los Hábitats Naturales y Seminaturales de España a Escala 1:50.000. (Balears). TRAGSA

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.

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.

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

Ministerio de Medio Ambiente. 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 km2: 2019
- 2.3.2 Date of range determination: 1994-2006
- 2.3.3 Quality of data concerning range: Moderate e.g. based on partial data with some extrapolation
- 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: Climate change
Direct human influence (restoration, deterioration, destruction)
Natural processes

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): 660
- 2.4.2 Date of area estimation: 1997-2007
- 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:
- 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:
- 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: *Amelanchier ovalis*, *Arctostaphylos uva-ursi*, *Buxus balearica*, *Buxus sempervirens*, *Clematis vitalba*, *Cneorum tricocon*, *Cotoneaster tomentosus*, *Crataegus monogyna*, *Ephedra fragilis*, *Genista majorica*, *Hepatica nobilis*, *Iberellus balearicus*, *Juniperus communis* ssp. *hemisphaerica*, *Juniperus phoenicea* ssp. *turbinata*, *Limax majoricensis*, *Lonicera xylosteum*, *Ononis aragonensis*, *Phamnus alpina*, *Phillyrea latifolia*, *Pistacia lentiscus*, *Primula veris* ssp. *Columnae*, *Prunus mahaleb*, *Prunus spinosa*, *Rhamnus saxatilis*, *Rosa canina*, *Rubus ulmifolius*, *Rupestrella moraguesi*, *Smilax aspera* var. *balearica*, *Sylvia cantillans moltonii*
- 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 está presente en 24 Lugares y 56,51 ha de este hábitat están incluídas

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

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| | |
|--|--------------|
| 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) |