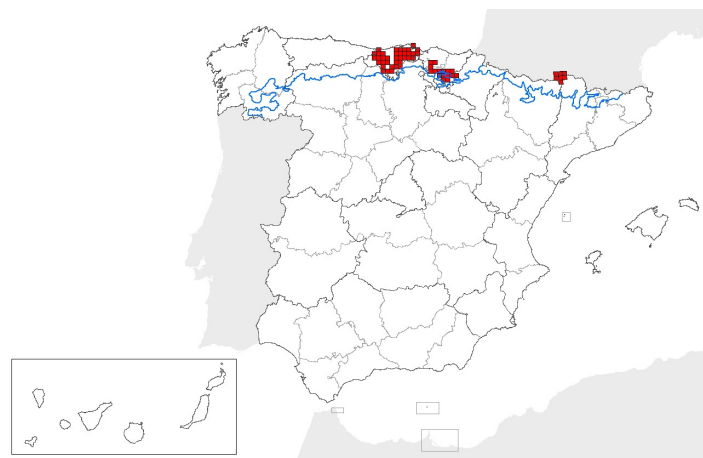


9160 Sub-Atlantic and medio-European oak or oak-hornbeam forests of the Carp

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.

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

- | | |
|--|-------------------------------------|
| 2.3.1 Surface area of range in km ² : | 28,26 |
| 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: | Decreasing (-) |
| 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: | |
| 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): | 27,37 |
| 2.4.2 Date of area estimation: | 1998-2003 |
| 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: | Good e.g based on extensive surveys |
| 2.4.5 Area trend: | Decreasing (-) |
| 2.4.6 Area trend magnitude (km ²): | 0 |
| 2.4.7 Area trend period: | 1990-2006 |
| 2.4.8 Reasons for reported trend: | Direct human influence (restoration, deterioration, destruction) |

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Natural processes

and/or specify:

2.4.9 Justification of % thresholds for trends (optional):

2.4.10 Main pressures: 100 - Cultivation
160 - General Forestry management

2.4.11 Threats 100 - Cultivation

2.5 Complementary information

2.5.1 Favourable reference range (km2): 28,26 Approximately equal to

2.5.2 Favourable reference area (km2): 27,37 Approximately equal to

2.5.3 Typical Species: *Campanula trachelium, Carex sylvatica, Cornus sanguinea, Corylus avellana, Evonymous europaeus, Fraxinus excelsior, Geranium nodosum, Glechoma hederacea, Hedera helix, Isopyrum thalictroides, Lonicera xylosteum, Potentilla sterilis, Prunus avium, Pulmonaria affinis, Quercus robur, Rosa arvensis, Stellaria holostea, Tilia cordata, Ulmus glabra, Viburnum opulus*

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

2.5.5 Other relevant information (optional):

Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
Conclusions: (2.3) Range:	Inadequate (U1)	
Conclusions: (2.4) Area:	Inadequate (U1)	
Conclusions: (2.5) Structure and function, including typical species:	Unknown (XX)	
Conclusions: Future prospects:	Unknown (XX)	
Conclusions: Overall assessment:	Inadequate (U1)	

2.1 Biogeographical region or marine region: ATLANTIC

2.2 Published sources and/or websites:

ALBERDI LÓPEZ, L. & GARCÍA PÉREZ, J. 2005. Asistencia Técnica para la Revisión Cartográfica de los LIC'S Costeros de la Red Natura 2000 en Cantabria. Gobierno de Cantabria. Consejería de Agricultura, Ganadería y Pesca. Dirección General de Montes y Conservación de la Naturaleza. CETYMA, S.L.

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. et al. 2005. Los tipos de hábitat de interés comunitario de España. Dirección General para la Biodiversidad. Ministerio de Medio Ambiente.

European Comission DG Environment. October, 2003. Interpretation Manual of European Union Habitats. EUR 25. NATURA 2000.

GARCÍA PÉREZ, J. 2003. Inventario y Restauración de Valores de Natura 2000 en Cantabria. Gobierno de Cantabria. Consejería de Agricultura, Ganadería y Pesca. Dirección General de Montes y Conservación de la Naturaleza. Tragsa.

HERRERA, M. 1995. Estudio de la Vegetación y Flora Vascular de la Cuenca del Río Asón (Cantabria). GUINEANA, Vol. 1. Universidad del País Vasco.

Ministerio de Medio Ambiente. 1997. Inventario Nacional de Hábitat. Escala 1: 50.000.

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

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- 2.3.1 Surface area of range in km2: 4815
- 2.3.2 Date of range determination: 1995-2006
- 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): 48
- 2.4.2 Date of area estimation: 1995-2006
- 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 (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:
- 102 - mowing / cutting
 - 140 - Grazing
 - 160 - General Forestry management
 - 163 - forest replanting
 - 166 - removal of dead and dying trees
 - 167 - forest exploitation without replanting
 - 170 - Animal breeding
 - 180 - Burning
 - 190 - Agriculture and forestry activities not referred to above
 - 424 - Other discharges
 - 501 - paths, tracks, cycling tracks
 - 600 - Sport and leisure structures
 - 971 - competition
- 2.4.11 Threats
- 102 - mowing / cutting
 - 140 - Grazing
 - 160 - General Forestry management
 - 163 - forest replanting
 - 166 - removal of dead and dying trees
 - 167 - forest exploitation without replanting
 - 170 - Animal breeding
 - 180 - Burning
 - 190 - Agriculture and forestry activities not referred to above
 - 424 - Other discharges
 - 501 - paths, tracks, cycling tracks
 - 600 - Sport and leisure structures
 - 790 - Other pollution or human impacts/activities
 - 971 - competition

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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>Acer campestre</i> , <i>Brachypodium sylvaticum</i> , <i>Clematis vitalba</i> , <i>Corylus avellana</i> , <i>Crataegus monogyna</i> , <i>Dryopteris affinis</i> , <i>Euphorbia amygdaloides</i> , <i>Fraxinus excelsior</i> , <i>Hedera helix</i> , <i>Hypericum androsaemum</i> , <i>Lonicera periclymenum</i> , <i>Polystichum setiferum</i> , <i>Pulmonaria longifolia</i> , <i>Quercus petraea</i> , <i>Quercus robur</i> , <i>Tamus communis</i>
2.5.4 Typical species assessment:	
2.5.5 Other relevant information (optional):	Dentro de esta región biogeográfica y en Castilla y León el hábitat se encuentra p

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)	