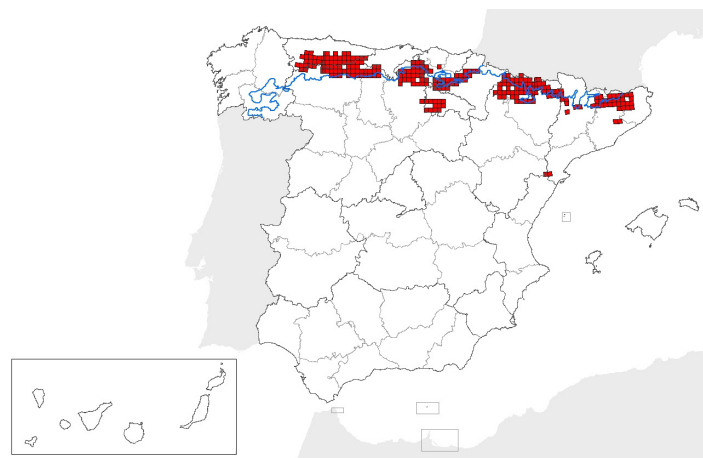


9150 Medio-European limestone beech forests of the Cephalanthero-Fagion

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. 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 hábitats. 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 :	6180
2.3.2 Date of range determination:	1994-2003
2.3.3 Quality of data concerning range:	Moderate e.g. based on partial data with some extrapolation
2.3.4 Range trend:	Stable (=)
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):	154,38
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

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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:	Increasing (+)
2.4.6 Area trend magnitude (km2):	0
2.4.7 Area trend period:	1957-2006
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:	160 - General Forestry management 166 - removal of dead and dying trees 190 - Agriculture and forestry activities not referred to above 501 - paths, tracks, cycling tracks
2.4.11 Threats	160 - General Forestry management 166 - removal of dead and dying trees 190 - Agriculture and forestry activities not referred to above 501 - paths, tracks, cycling tracks

2.5 Complementary information

2.5.1 Favourable reference range (km2):	1800
2.5.2 Favourable reference area (km2):	14,57 Less than
2.5.3 Typical Species:	<i>Acer opalus</i> , <i>Amelanchier ovalis</i> , <i>Buxus sempervirens</i> , <i>Daphne laureola</i> , <i>Fagus sylvatica</i> , <i>Helleborus foetidus</i> , <i>Hepatica nobilis</i> , <i>Primula acaulis</i> , <i>Primula veris</i> subsp. <i>columnae</i> , <i>Quercus pubescens</i> , <i>Sorbus aria</i> , <i>Viburnum lantana</i> , <i>Viola wilkommii</i>
2.5.4 Typical species assessment:	
2.5.5 Other relevant information (optional):	En Aragón presente en 30 Lugares, 77,68 % 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:	Unknown (XX)	

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.

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: 9458

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): 123

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

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
- 160 - General Forestry management
- 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
- 500 - Communication networks
- 501 - paths, tracks, cycling tracks
- 502 - roads, motorways
- 970 - Interspecific floral relations
- 976 - damage by game species

2.4.11 Threats

- 140 - Grazing
- 160 - General Forestry management
- 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
- 500 - Communication networks
- 501 - paths, tracks, cycling tracks
- 502 - roads, motorways
- 790 - Other pollution or human impacts/activities
- 970 - Interspecific floral relations
- 976 - damage by game species

2.5 Complementary information

2.5.1 Favourable reference range (km²): 0

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2.5.2 Favourable reference area (km2): 0

2.5.3 Typical Species: *Buxus sempervirens*, *Carex flacca*, *Cephalanthera damasonium*, *Epipactis helleborine*, *Euphorbia amygdaloides*, *Fagus sylvatica*, *Hepatica nobilis*, *Narcissus pseudonarcissus*, *Primula veris*

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)	

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 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).

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).

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 km2: 10062

2.3.2 Date of range determination: 1994-2004

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 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): 265

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

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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: 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
501 - paths, tracks, cycling tracks

2.4.11 Threats 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
501 - paths, tracks, cycling tracks
790 - Other pollution or human impacts/activities

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: *Acer opalus*, *Amelanchier ovalis*, *Buxus sempervirens*, *Carex flacca*, *Cephalanthera damasonium*, *Cephalanthera rubra*, *Daphne laureola*, *Epipactis helleborine*, *Euphorbia amygdaloides*, *Fagus sylvatica*, *Helleborus foetidus*, *Hepatica nobilis*, *Narcissus pseudonarcissus*, *Primula acaulis*, *Primula veris*, *Primula veris subsp. columnae*, *Quercus pubescens*, *Sorbus aria*, *Viburnum lantana*, *Viola wilkommii*

2.5.4 Typical species assessment: En La Rioja se realizó según datos obtenidos del estudio: ARIZALETA, J.A. Descrip

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)