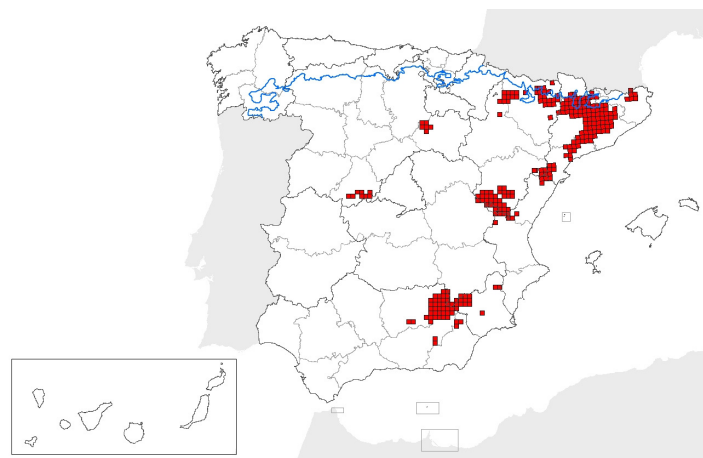


9530 (Sub-) Mediterranean pine forests with endemic black pines

1. National level

Biogeographical regions and/or marine regions concerned within the Member State: **ALP 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 :	2500
2.3.2 Date of range determination:	1994-2003
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

2.4.1 Surface area of the habitat type (km ²):	26,31
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:	Stable (=)
2.4.6 Area trend magnitude (km ²):	0
2.4.7 Area trend period:	1990-2006
2.4.8 Reasons for reported trend:	Other (specify)

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and/or specify: Sin especificar

2.4.9 Justification of % thresholds for trends (optional):

2.4.10 Main pressures: 160 - General Forestry management
948 - fire (natural)

2.4.11 Threats 948 - fire (natural)

2.5 Complementary information

2.5.1 Favourable reference range (km2): 2500 Approximately equal to

2.5.2 Favourable reference area (km2): 26,31 Approximately equal to

2.5.3 Typical Species: *Amelanchier ovalis*, *Buxus sempervirens*, *Lonicera etrusca*, *Lonicera xylosteum*, *Pinus nigra subsp. salzmannii*, *Viola willkommii*

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:

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.

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.

Mapa Forestal de España. Organismo Autónomo de Parques Nacionales. Secretaría General para el Territorio y la Biodiversidad. Ministerio de Medio Ambiente. 2002-2003.

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

2.3.1 Surface area of range in km2: 26606

2.3.2 Date of range determination: 1997-2007

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):

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2.3.6 Range trend period: 1990-2006
2.3.7 Reasons for reported trend: Direct human influence (restoration, deterioration, destruction)
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): 1008,5
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: Good e.g based on extensive surveys
2.4.5 Area trend:
2.4.6 Area trend magnitude (km2): 0
2.4.7 Area trend period: 1990-2006
2.4.8 Reasons for reported trend:
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
170 - Animal breeding
180 - Burning
190 - Agriculture and forestry activities not referred to above
501 - paths, tracks, cycling tracks
948 - fire (natural)
973 - introduction of disease
974 - genetic pollution
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
948 - fire (natural)
973 - introduction of disease
974 - genetic pollution

2.5 Complementary information

2.5.1 Favourable reference range (km2): 724,52
2.5.2 Favourable reference area (km2): 0
2.5.3 Typical Species: *Acer opalus subsp. Granatense*, *Amelanchier ovalis*, *Buxus sempervirens*, *Erinacea anthyllis*, *Genista patens*, *Geum sylvaticum*, *Juniperus communis*, *Juniperus sabina*, *Lonicera etrusca*, *Lonicera xylosteum*, *Paeonia officinalis subsp. microcarpa*, *Pinus nigra subsp. Mauretanica*, *Pinus nigra subsp. salzmannii*, *Quercus faginea*, *Viola willkommii*
2.5.4 Typical species assessment: Evaluación de las especies típicas: seleccionadas a partir del “Manual de los hábit
2.5.5 Other relevant information (optional):

Conclusion

Biogeographical or marine level

Conclusions within Natura 2000 sites (optional)

Conclusions: (2.3) Range: Unknown (XX)

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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)