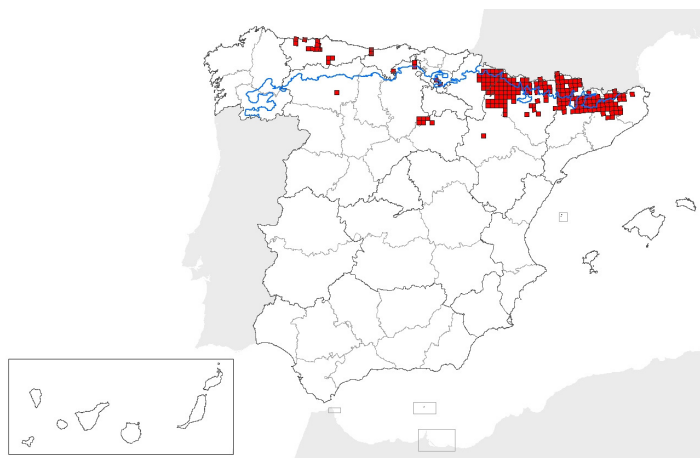


3240 Alpine rivers and their ligneous vegetation with *Salix elaeagnos*

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.

Bartolomé, C., Álvarez, J., Vaquero, Jj., 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 habitats. 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 km2: | 849066 |
| 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 km2 (optional): | |
| 2.3.6 Range trend period: | |
| 2.3.7 Reasons for reported trend: | Unknown |
| 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): | 8,87 |
| 2.4.2 Date of area estimation: | 1998-2003 |

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| | |
|--|--|
| 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 (km2): | |
| 2.4.7 Area trend period: | 1990-2006 |
| 2.4.8 Reasons for reported trend: | Direct human influence (restoration, deterioration, destruction) Indirect anthropo(zoo)genic influence Natural processes |
| and/or specify: | |
| 2.4.9 Justification of % thresholds for trends (optional): | |
| 2.4.10 Main pressures: | 130 - Irrigation 151 - removal of hedges and copses 160 - General Forestry management 302 - removal of beach materials 400 - Urbanised areas, human habitation 811 - management of aquatic and bank vegetation for drainage purposes 830 - Canalisation 850 - Modification of hydrographic functioning, general |
| 2.4.11 Threats | 130 - Irrigation 151 - removal of hedges and copses 160 - General Forestry management 302 - removal of beach materials 400 - Urbanised areas, human habitation 811 - management of aquatic and bank vegetation for drainage purposes 830 - Canalisation 850 - Modification of hydrographic functioning, general |

2.5 Complementary information

| | |
|--|---|
| 2.5.1 Favourable reference range (km2): | |
| 2.5.2 Favourable reference area (km2): | |
| 2.5.3 Typical Species: | <i>Rubus caesius</i> <i>Salix atrocinerea</i> <i>Salix caprea</i> <i>Salix daphnoides</i> <i>Salix elaeagnos</i> <i>Salix purpurea</i> <i>Saponaria officinalis</i> <i>Solanum dulcamara</i> , <i>Salix atrocinerea</i> , <i>Salix caprea</i> , <i>Salix daphnoides</i> , <i>Salix elaeagnos</i> , <i>Salix purpurea</i> , <i>Saponaria officinalis</i> , <i>Solanum dulcamara</i> |
| 2.5.4 Typical species assessment: | Sin evaluar |
| 2.5.5 Other relevant information (optional): | En Aragón presente en 24 Lugares (87,92 % del hábitat conocido) |

| 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) | |

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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.

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: | 1590,51 |
| 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: | Unknown (X) |
| 2.3.5 Range trend magnitude in km2 (optional): | |
| 2.3.6 Range trend period: | |
| 2.3.7 Reasons for reported trend: | Unknown |
| 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): | 3,65 |
| 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 (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: | 120 - Fertilisation 151 - removal of hedges and copses 330 - Mines 701 - water pollution 830 - Canalisation 853 - management of water levels 890 - Other human induced changes in hydraulic conditions |
| 2.4.11 Threats | 120 - Fertilisation 151 - removal of hedges and copses 330 - Mines 701 - water pollution 830 - Canalisation 853 - management of water levels 890 - Other human induced changes in hydraulic conditions |

2.5 Complementary information

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- 2.5.1 Favourable reference range (km2): 0
- 2.5.2 Favourable reference area (km2): 0
- 2.5.3 Typical Species: *S. purpurea* subsp. *Lambertiana*, *Salix eleagnos* subsp. *Angustifolia*
- 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:

Inventario Nacional de habitats. 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.

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

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: 12023
- 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 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): 30
- 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

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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:

130 - Irrigation
151 - removal of hedges and copses
160 - General Forestry management
302 - removal of beach materials
330 - Mines
400 - Urbanised areas, human habitation
811 - management of aquatic and bank vegetation for drainage purposes
830 - Canalisation
850 - Modification of hydrographic functioning, general
853 - management of water levels
890 - Other human induced changes in hydraulic conditions

2.4.11 Threats

130 - Irrigation
151 - removal of hedges and copses
160 - General Forestry management
302 - removal of beach materials
330 - Mines
400 - Urbanised areas, human habitation
811 - management of aquatic and bank vegetation for drainage purposes
830 - Canalisation
850 - Modification of hydrographic functioning, general
853 - management of water levels
890 - Other human induced changes in hydraulic conditions

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:

Rubus caesius, *Salix atrocinerea*, *Salix caprea*, *Salix elaeagnos*, *Salix eleagnos* subsp. *angustifolia*, *Salix purpurea*, *Salix purpurea* subsp. *lambertiana*, *Saponaria officinalis*, *Solanum dulcamara*

2.5.4 Typical species assessment:

2.5.5 Other relevant information (optional):

En Aragón está presente en 31 Lugares y el 53,33 % del hábitat conocido está incl

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)