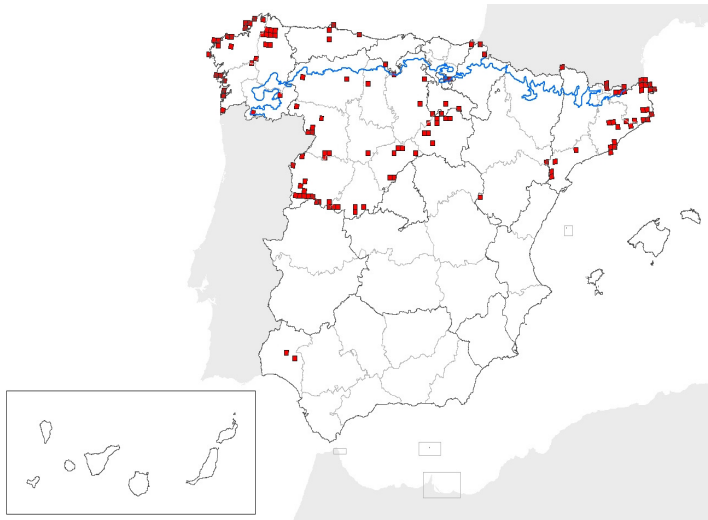


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1. National level

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:

Banc de dades de Biodiversitat de Catalunya

2.3 Range of the species type in the biogeographic region or marine region

2.3.1 Surface area of species range in km2: 600

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: Unknown

and/or specify

2.4 Population of the species in the biogeographic region or marine region

2.4.1 Population size estimation:

Population size estimation (minimum)	Population size estimation (maximum)	Population units
6		Number of localities

2.4.2 Date of population estimation:

2.4.3 Methods used for population estimation:

2.4.4 Quality of data on area:

2.4.5 Population trend: Unknown (X)

2.4.6 Population trend magnitude (km2):

2.4.7 Population trend period:

2.4.8 Reasons for reported trend: Unknown

and/or specify:

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2.4.9 Justification of % thresholds for trends (optional):

2.4.10 Main pressures:

2.4.11 Threats

2,5 Habitat for the species in the biogeographic region or marine region

2.5.1 Habitats for the species:

2.5.2 Area estimation (km2):

2.5.3 Date of estimation:

2.5.4 Quality of the data:

2.5.5 Trend of the habitat:

2.5.6 Trend period:

2.5.7 Reasons for reported trend: NotApplicable

Other (specify):

2.6 Future prospects for the species: Unknown

2.7 Complementary information

2.7.1 Favourable reference range (km2): More than

2.7.2 Favourable reference population:

2.7.3 Suitable habitat for the species (km2):

2.7.4 Other relevant information (optional):

Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
Conclusions: (2.3) Range:	Unknown (XX)	
Conclusions: (2.4) Population:	Unknown (XX)	
Conclusions: (2.5) Habitat for the species:	Unknown (XX)	
Conclusions: (2.6) Future prospects:	Unknown (XX)	
Conclusions: Overall assessment:	Unknown (XX)	

2.1 Biogeographical region or marine region: ATLANTIC

2.2 Published sources and/or websites:

<http://www.anthos.es/> (Proyecto Anthos)

BALDA, A. 2002. Contribuciones al conocimiento de la flora Navarra. Munibe 53: 157-174

2002-2007. Catálogo de la Flora Vascular Silvestre de Castilla y León. Consejería de Medio Ambiente de la Junta de Castilla y León.

Cortizo, C. & Sahuquillo, E. (1998). La familia Orchidaceae en Galicia (N.O. Península Ibérica). Nova Acta Científica Compostelana (Biología) 9: 125-158

Lago, E. & Castroviejo, S. (1992). Estudio Citotaxonómico de la Flora de las Costas Gallegas. Cadernos da área de Ciencias Biolóxicas 3, Publicacións do Seminario de Estudos Galegos. 215

Zonas húmedas de trasduna, turberas, brezales húmedos

Dunas costeras fijas con vegetación herbácea ("dunas grises"). Nat-2000 2130*

Depresiones intradunales húmedas. Nat-2000 2190

Zonas subestépicas de gramíneas y anuales del Thero-Brachypodietea. Nat-2000 6220*

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Prados con molinias sobre sustratos calcáreos, turbosos o arcillo-limónicos (Molinion caeruleae). Nat-2000 6410

Turberas bajas alcalinas. Nat-2000 7230

2.3 Range of the species type in the biogeographic region or marine region

- 2.3.1 Surface area of species range in km2: 2576,4
- 2.3.2 Date of range determination: 2002-2007
- 2.3.3 Quality of data concerning range: Good e.g based on extensive surveys
- 2.3.4 Range trend: Stable (=)
- 2.3.5 Range trend magnitude in km2 (optional):
- 2.3.6 Range trend period: 1995-2007
- 2.3.7 Reasons for reported trend: Direct human influence (restoration, deterioration, destruction)
and/or specify

2.4 Population of the species in the biogeographic region or marine region

2.4.1 Population size estimation:

Population size estimation (minimum)	Population size estimation (maximum)	Population units
64		Number of localities

- 2.4.2 Date of population estimation: 2006-2007
- 2.4.3 Methods used for population estimation: From comprehensive inventory
Extrapolation from surveys of part of the population or from sampling
- 2.4.4 Quality of data on area: Poor e.g. based on very incomplete data or on expert judgement
- 2.4.5 Population trend: Unknown (X)
- 2.4.6 Population trend magnitude (km2):
- 2.4.7 Population trend period: 1995-2007
- 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
170 Animal breeding
180 Burning
400 Urbanised areas, human habitation
501 - paths, tracks, cycling tracks
620 Outdoor sports and leisure activities
623 - motorised vehicles
720 Trampling, overuse
800 Landfill, land reclamation and drying out, general
810 Drainage
850 Modification of hydrographic functioning, general
920 Drying out
- 2.4.11 Threats 140 Grazing
180 Burning
400 Urbanised areas, human habitation
620 Outdoor sports and leisure activities
623 - motorised vehicles
720 Trampling, overuse
800 Landfill, land reclamation and drying out, general
810 Drainage

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850 Modification of hydrographic functioning, general
920 Drying out

2,5 Habitat for the species in the biogeographic region or marine region

2.5.1 Habitats for the species: A plena luz, en substratos húmedos, de poco ácidos a neutros, oligotrofos o meso

2.5.2 Area estimation (km2):

2.5.3 Date of estimation:

2.5.4 Quality of the data: Poor e.g. based on very incomplete data or on expert judgement

2.5.5 Trend of the habitat: Unknown (X)

2.5.6 Trend period: 1957-2006

2.5.7 Reasons for reported trend: DirectHuman

Other (specify):

2.6 Future prospects for the species: Poor prospects - species likely to struggle unless conditions change

2.7 Complementary information

2.7.1 Favourable reference range (km2):

2.7.2 Favourable reference population:

2.7.3 Suitable habitat for the species (km2):

2.7.4 Other relevant information (optional):

Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
Conclusions: (2.3) Range:	Unknown (XX)	
Conclusions: (2.4) Population:	Unknown (XX)	
Conclusions: (2.5) Habitat for the species:	Unknown (XX)	
Conclusions: (2.6) Future prospects:	Unknown (XX)	
Conclusions: Overall assessment:	Unknown (XX)	

2.1 Biogeographical region or marine region: **MEDITERRANEAN**

2.2 Published sources and/or websites:

Banc de dades de Biodiversitat de Catalunya

<http://www.ipe.csic.es/floragon>

Cortizo, C. & Sahuquillo, E. (1998). La familia Orchidaceae en Galicia (N.O. Península Ibérica). Nova Acta Científica Compostelana (Biología) 9: 125-158

Lago, E. & Castroviejo, S. (1992). Estudio Citotaxonómico de la Flora de las Costas Gallegas. Cuadernos da área de Ciencias Biolóxicas 3, Publicacións do Seminario de Estudos Galegos. 215

ARIZALETA, J., MEDRANO, L.M., BENITO, J., ALEJANDRE, J.A., 2000. Inventario Flora Vascular Silvestre de La Rioja. Dirección General de Medio Natural. Gobierno de La Rioja.

ARIZALETA, J., MEDRANO, L.M., BENITO, J., ALEJANDRE, J.A., 2000. Libro Rojo de la Flora Silvestre Amenazada de La Rioja. Dirección General de Medio Natural. Gobierno de La Rioja.

2002-2007. Catálogo de la Flora Vascular Silvestre de Castilla y León. Consejería de Medio Ambiente de la Junta de Castilla y León.

2.3 Range of the species type in the biogeographic region or marine region

2.3.1 Surface area of species range in km2: 7512,66

2.3.2 Date of range determination: 1976-2007

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- 2.3.3 Quality of data concerning range: Good e.g based on extensive surveys
- 2.3.4 Range trend:
- 2.3.5 Range trend magnitude in km2 (optional):
- 2.3.6 Range trend period: 1995-2007
- 2.3.7 Reasons for reported trend:
and/or specify

2.4 Population of the species in the biogeographic region or marine region

- 2.4.1 Population size estimation:

Population size estimation (minimum)	Population size estimation (maximum)	Population units
81	0	Number of localities
- 2.4.2 Date of population estimation: 2004-2007
- 2.4.3 Methods used for population estimation: From comprehensive inventory
Extrapolation from surveys of part of the population or from sampling
- 2.4.4 Quality of data on area:
- 2.4.5 Population trend:
- 2.4.6 Population trend magnitude (km2):
- 2.4.7 Population 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: 180 Burning
250 Taking / Removal of flora, general
400 Urbanised areas, human habitation
501 - paths, tracks, cycling tracks
623 - motorised vehicles
720 Trampling, overuse
940 Natural catastrophes
- 2.4.11 Threats 180 Burning
250 Taking / Removal of flora, general
400 Urbanised areas, human habitation
501 - paths, tracks, cycling tracks
623 - motorised vehicles
720 Trampling, overuse
940 Natural catastrophes

2,5 Habitat for the species in the biogeographic region or marine region

- 2.5.1 Habitats for the species: Turberas y brezales húmedos
- 2.5.2 Area estimation (km2):
- 2.5.3 Date of estimation:
- 2.5.4 Quality of the data:
- 2.5.5 Trend of the habitat:
- 2.5.6 Trend period:
- 2.5.7 Reasons for reported trend:
- Other (specify):

2.6 Future prospects for the species:

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2.7 Complementary information

2.7.1 Favourable reference range (km2):

2.7.2 Favourable reference population:

2.7.3 Suitable habitat for the species (km2):

2.7.4 Other relevant information (optional):

Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
Conclusions: (2.3) Range:	Unknown (XX)	
Conclusions: (2.4) Population:	Unknown (XX)	
Conclusions: (2.5) Habitat for the species:	Unknown (XX)	
Conclusions: (2.6) Future prospects:	Unknown (XX)	
Conclusions: Overall assessment:	Unknown (XX)	