

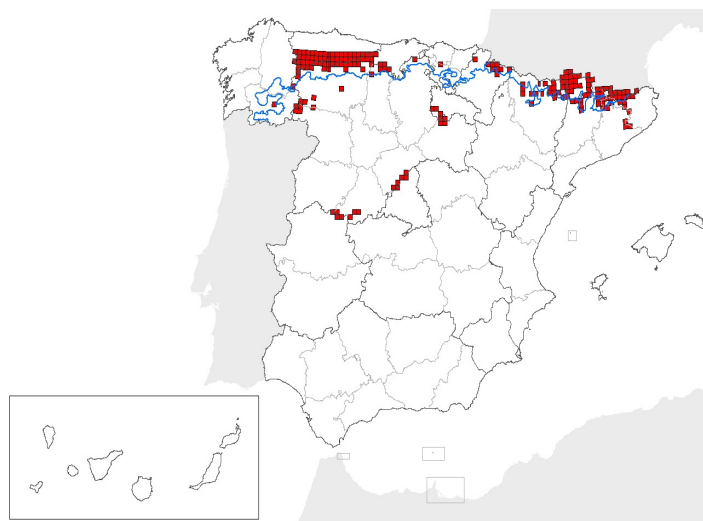
Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

Gentiana lutea

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:

LORDA, M. 2001. Flora del Pirineo navarro. Guineana 7: 1-557. <http://www.ipe.csic.es/floragonBanc> 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: 7700
- 2.3.2 Date of range determination: 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 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
8	8	Number of localities

- 2.4.2 Date of population estimation: 2006
- 2.4.3 Methods used for population estimation: 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:
- 2.4.8 Reasons for reported trend:

Gentiana lutea

and/or specify:

2.4.9 Justification of % thresholds for trends (optional):

2.4.10 Main pressures:

140 Grazing
250 Taking / Removal of flora, general
602 - skiing complex

2.4.11 Threats

140 Grazing
190 Agriculture and forestry activities not referred to above
250 Taking / Removal of flora, general
602 - skiing complex

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

2.5.1 Habitats for the species:

Crece en claros de pinar musgoso, pastos pedregosos sombreados, e incluso en gl

2.5.2 Area estimation (km2):

50,96

2.5.3 Date of estimation:

2006

2.5.4 Quality of the data:

Moderate e.g. based on partial data with some extrapolation

2.5.5 Trend of the habitat:

Unknown (X)

2.5.6 Trend period:

2.5.7 Reasons for reported trend:

Other (specify):

2.6 Future prospects for the species:

2.7 Complementary information

2.7.1 Favourable reference range (km2):

Approximately equal to

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:

Díaz González, T. E., Fernández Prieto, J. A., Nava Fernández, H. S. y Bueno Sánchez, A. (2003). Flora en Peligro. Asturnatura, 19.

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:

28614,43

2.3.2 Date of range determination:

2007

2.3.3 Quality of data concerning range:

Good e.g based on extensive surveys

2.3.4 Range trend:

Gentiana lutea

2.3.5 Range trend magnitude in km2 (optional):

2.3.6 Range trend period:

2.3.7 Reasons for reported trend: Not applicable
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
71	73	Number of localities

2.4.2 Date of population estimation: 2007

2.4.3 Methods used for population estimation: Extrapolation from surveys of part of the population or from sampling

2.4.4 Quality of data on area: Good e.g based on extensive surveys

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: Not applicable
and/or specify:

2.4.9 Justification of % thresholds for trends (optional):

2.4.10 Main pressures:

- 130 Irrigation
- 140 Grazing
- 180 Burning
- 250 Taking / Removal of flora, general
- 330 Mines
- 602 - skiing complex
- 606 - attraction park

2.4.11 Threats

- 130 Irrigation
- 140 Grazing
- 180 Burning
- 190 Agriculture and forestry activities not referred to above
- 250 Taking / Removal of flora, general
- 330 Mines
- 602 - skiing complex
- 606 - attraction park

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

2.5.1 Habitats for the species: Prados, cervunales o piornales. Brezales secos europeos.Brezales alpinos y boreal

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:

2.7 Complementary information

2.7.1 Favourable reference range (km2):

Gentiana lutea

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:

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.

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:	3937,29
2.3.2 Date of range determination:	2000-2007
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:	
2.3.7 Reasons for reported trend:	Not applicable
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
41	41	Number of localities

2.4.2 Date of population estimation:

2.4.3 Methods used for population estimation: Extrapolation from surveys of part of the population or from sampling

2.4.4 Quality of data on area: Good e.g based on extensive surveys

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: Not applicable
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
602 - skiing complex

Gentiana lutea

2.4.11 Threats

180 Burning
250 Taking / Removal of flora, general
602 - skiing complex

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

2.5.1 Habitats for the species: Prados, cervunales o piornalesBrezales secos europeos. Brezales alpinos y boreale

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:

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)	