

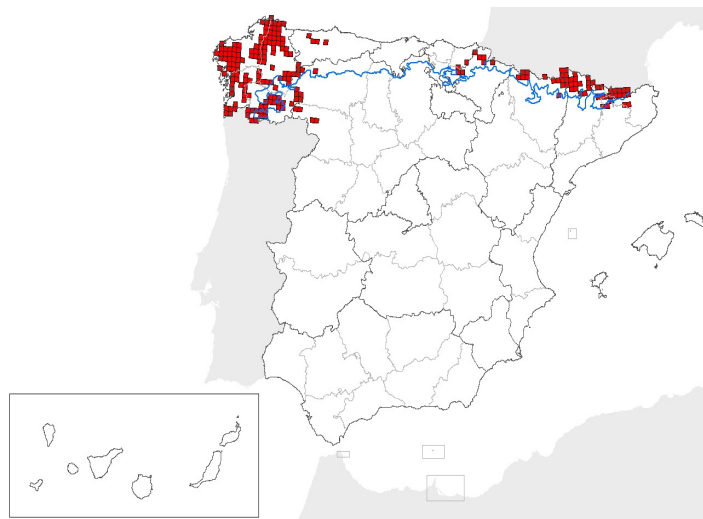
Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

Arnica montana

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:

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

Banc de dades de Biodiversitat de Catalunya

LORDA, M. 2001. Flora del Pirineo navarro. Guineana 7: 1-557.

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

2.3.1 Surface area of species range in km2: 4800

2.3.2 Date of range determination: 2006

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 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
48	0	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):

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

2.4.11 Threats 165 - removal of forest undergthreatth
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: Hábitat: Pastos vivaces y matorrales subalpinos sobre sustratos silíceos en ambien

2.5.2 Area estimation (km2): 3616,02

2.5.3 Date of estimation:

2.5.4 Quality of the data:

2.5.5 Trend of the habitat: Unknown (X)

2.5.6 Trend period:

2.5.7 Reasons for reported trend: Unknown

Other (specify):

2.6 Future prospects for the species: Unknown

2.7 Complementary information

2.7.1 Favourable reference range (km2): 5200 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:

Ramil, P. & Izco, J. (2002). Inventario de los Humedales de Galicia. Xunta de Galicia. Consellería de Medio Ambiente. Dirección Xeral de Conservación da Natureza. Santiago.

Proyecto Anthos v2.1 http://www.anthos.es/intro_v2.html (fecha de consulta 19-XII-07).

2000-2007. “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: 13472,17

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- 2.3.2 Date of range determination: 2006-2007
- 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: 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 |
|--------------------------------------|--------------------------------------|----------------------|
| 133 | 146 | Number of localities |
- 2.4.2 Date of population estimation: 2006-2007
- 2.4.3 Methods used for population estimation: From comprehensive inventory
- 2.4.4 Quality of data on area: Good e.g based on extensive surveys
- 2.4.5 Population trend: Stable (=)
- 2.4.6 Population trend magnitude (km²):
- 2.4.7 Population trend period: 1995-2007
- 2.4.8 Reasons for reported trend: Unknown
and/or specify:
- 2.4.9 Justification of % thresholds for trends (optional):
- 2.4.10 Main pressures:
- 140 Grazing
 - 160 General Forestry management
 - 161 - forest planting
 - 162 - artificial planting
 - 163 - forest replanting
 - 180 Burning
 - 250 Taking / Removal of flora, general
- 2.4.11 Threats
- 165 - removal of forest undergthreatth
 - 190 Agriculture and forestry activities not referred to above
 - 250 Taking / Removal of flora, general

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

- 2.5.1 Habitats for the species: Brezales húmedos atlánticos de zonas templadas de Erica ciliaris y Erica tetralix.
- 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: Unknown (X)
- 2.5.6 Trend period:
- 2.5.7 Reasons for reported trend: Unknown
- Other (specify):

- 2.6 Future prospects for the species: Unknown

2.7 Complementary information

- 2.7.1 Favourable reference range (km²):
- 2.7.2 Favourable reference population:

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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:

Ramil, P. & Izco, J. (2002). Inventario de los Humedales de Galicia. Xunta de Galicia. Consellería de Medio Ambiente. Dirección Xeral de Conservación da Natureza. Santiago.

2000-2007. “Catálogo de la Flora Vascular Silvestre de Castilla y León”. Consejería de Medio Ambiente de la Junta de Castilla y León.

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:	2293,13
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:	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:	
	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
	25	36	Number of localities
2.4.2 Date of population estimation:	2007		
2.4.3 Methods used for population estimation:	From comprehensive inventory		
2.4.4 Quality of data on area:	Good e.g based on extensive surveys		
2.4.5 Population trend:	Stable (=)		
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:	250 Taking / Removal of flora, general		
2.4.11 Threats	250 Taking / Removal of flora, general		

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

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2.5.1 Habitats for the species:	Brezales húmedos atlánticos de zonas templadas de Erica ciliaris y Erica tetralix.
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)	