

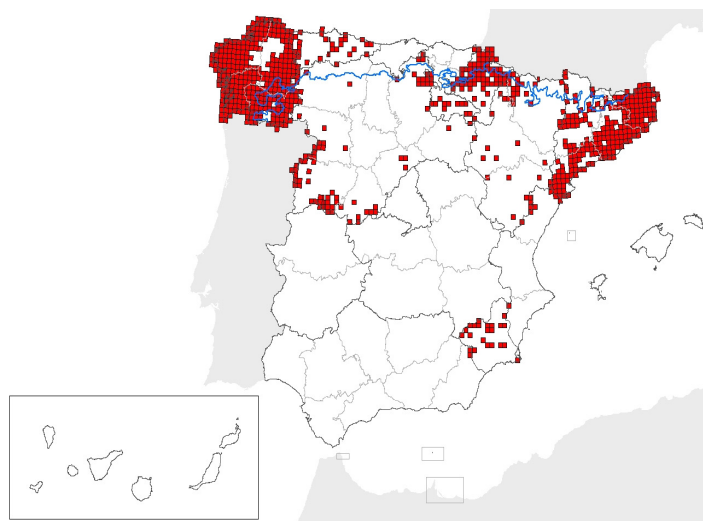
Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

Ruscus aculeatus

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.

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: 3900

2.3.2 Date of range determination:

2.3.3 Quality of data concerning range:

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
39	39	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:

2.4.6 Population trend magnitude (km2):

2.4.7 Population trend period:

2.4.8 Reasons for reported trend: Not applicable

Ruscus aculeatus

and/or specify:

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:

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: ATLANTIC

2.2 Published sources and/or websites:

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: 7071,94

2.3.2 Date of range determination: 2006-2007

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: Stable (=)

2.3.5 Range trend magnitude in km2 (optional):

2.3.6 Range trend period: 1957-2007

2.3.7 Reasons for reported trend:

and/or specify

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

Ruscus aculeatus

2.4.1 Population size estimation:

Population size estimation (minimum)	Population size estimation (maximum)	Population units
354		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: 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: 1950-2007

2.4.8 Reasons for reported trend:

and/or specify:

2.4.9 Justification of % thresholds for trends (optional):

2.4.10 Main pressures: 160 General Forestry management
162 - artificial planting
180 Burning
250 Taking / Removal of flora, general
500 Communication networks

2.4.11 Threats 160 General Forestry management
162 - artificial planting
180 Burning
250 Taking / Removal of flora, general
500 Communication networks

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

2.5.1 Habitats for the species: HÁBITAT PRINCIPAL: Bosques o matorrales algo frescos y sombríos, principalment

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:

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)	

Ruscus aculeatus

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:

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

Carrión M. A. “Las especies de flora de interés comunitario de la comarca del noroeste: estado actual y necesidades de conservación y gestión”. En: JORNADAS SOBRE LA RED NATURA 2000 EN LA COMARCA DEL NOROESTE. SITUACIÓN ACTUAL Y PERSPECTIVAS DE FUTURO: Caravaca de la Cruz. Murcia. 24-25 de Enero de 2006. Dirección General de Medio Natural, 2007. P.81-95.

Iriondo, J. M. (coord.) 2004. Manual de Metodología de trabajo corológico y demográfico. En: Bañares, A., G. Blanca, J. Güemes, J.C. Moreno & S. Ortiz. Atlas y Libro Rojo de la Flora Vascular Amenazada de España. MMA-Tragsa.

Sánchez, P., J. Guerra, J. Güemes, J. García, A. Hernández, A.F. Carrillo & M.Á. Carrión. 1998. Flora murciana de interés nacional y europeo. Protección y legislación. Universidad de Murcia. Fundación Séneca. Consejería de Medio Ambiente y Agua. Dirección General del Medio Natural. Murcia.

Sánchez P., M. Á. Carrión, A. Hernández & J. Guerra. 2002. Libro rojo de la flora silvestre protegida de la Región de Murcia. 2 vols. Universidad de Murcia, Consejería de Agricultura, Agua y Medio Ambiente. Murcia.

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.

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: 45288
2.3.2 Date of range determination: 2000-2007
2.3.3 Quality of data concerning range:
2.3.4 Range trend:
2.3.5 Range trend magnitude in km2 (optional):
2.3.6 Range trend period: 1957-2007
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
468	0	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:
2.4.5 Population trend:
2.4.6 Population trend magnitude (km2):
2.4.7 Population trend period: 1957-2007
2.4.8 Reasons for reported trend:
and/or specify:

Ruscus aculeatus

2.4.9 Justification of % thresholds for trends (optional):

2.4.10 Main pressures:

- 160 General Forestry management
- 162 - artificial planting
- 180 Burning
- 250 Taking / Removal of flora, general
- 500 Communication networks

2.4.11 Threats

- 160 General Forestry management
- 162 - artificial planting
- 180 Burning
- 250 Taking / Removal of flora, general
- 500 Communication networks

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

2.5.1 Habitats for the species: Carrascales, quejigales y pinares, así como en sus matorrales secundarios. No sue

2.5.2 Area estimation (km2):

2.5.3 Date of estimation: 2005-2006

2.5.4 Quality of the data:

2.5.5 Trend of the habitat:

2.5.6 Trend period: 1957-2006

2.5.7 Reasons for reported trend:

Other (specify):

2.6 Future prospects for the species: Good prospects - species expected to survive and prosper

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)	