

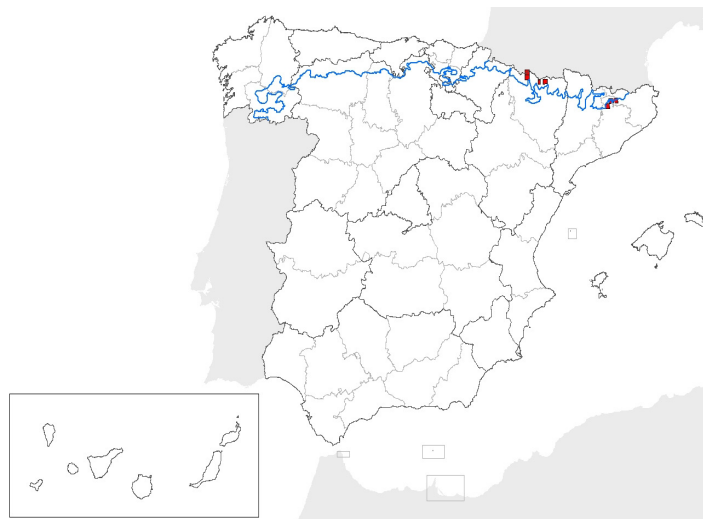
Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

Cypripedium calceolus

1. National level

Biogeographical regions and/or marine regions concerned within the Member State: **ALP MED**

map-distribution



2. Biogeographical or marine level

2.1 Biogeographical region or marine region: **ALPINE**

2.2 Published sources and/or websites:

PERE AYMERICH. Estatus de l'orquídia Cypripedium calceolus a Catalunya. Setembre 1999.

GUZMÁN D., GOÑI D. & GARCÍA M.B. (2000) Estudio y conservación de seis especies de flora amenazada en Aragón. LIFE Flora amenazada, 1997-2000. Informe inédito para el Gobierno de Aragón.

GUZMÁN D. & GOÑI D. (2003b) Cypripedium calceolus L., pp. 664-665. En: Bañares A., Blanca G., Güemes J., Moreno J.C. y Ortiz S. -Eds.- Atlas y libro rojo de la flora vascular amenazada de España. Ministerio de Medio Ambiente. Madrid.

GOÑI, D. 2006. Flora amenazada en Aragón durante 2006: acciones relativas a los planes de recuperación de Borderea chouardii y Cypripedium calceolus. Informe inédito para el Gobierno de Aragón.

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

- 2.3.1 Surface area of species range in km²: 14
- 2.3.2 Date of range determination: 2000-2004
- 2.3.3 Quality of data concerning range: Good e.g based on extensive surveys
- 2.3.4 Range trend: Increasing (+)
- 2.3.5 Range trend magnitude in km² (optional):
- 2.3.6 Range trend period: 1997-2006
- 2.3.7 Reasons for reported trend: Improved knowledge/more accurate data
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
1296	0	Number of flowering stems

2.4.2 Date of population estimation: 2000-2004

2.4.3 Methods used for population estimation: From comprehensive inventory

Cypripedium calceolus

2.4.4 Quality of data on area:	Good e.g based on extensive surveys
2.4.5 Population trend:	Increasing (+)
2.4.6 Population trend magnitude (km2):	
2.4.7 Population trend period:	2000-2004
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:	251 - pillaging of floristic stations 976 - damage by game species
2.4.11 Threats	251 - pillaging of floristic stations 501 - paths, tracks, cycling tracks 502 - roads, motorways 610 Interpretative centres 622 - walking, horseriding and non-motorised vehicles 943 - collapse of terrain, landslide 965 - predation 990 Other natural processes

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

2.5.1 Habitats for the species:	Crecen en zonas con clima eurosiberiano. Se encuentran en bosques (hayedo y bo
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:	
Other (specify):	

2.6 Future prospects for the species:	Unknown
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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):	En la Comunidad de Aragón una población se encuentra en el P. Nacional de Orde

Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
Conclusions: (2.3) Range:	Inadequate (U1)	
Conclusions: (2.4) Population:	Unknown (XX)	
Conclusions: (2.5) Habitat for the species:	Unknown (XX)	
Conclusions: (2.6) Future prospects:	Inadequate (U1)	
Conclusions: Overall assessment:	Inadequate (U1)	

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

2.2 Published sources and/or websites:

Estatus de l'orquídia Cypripedium calceolus a Catalunya. Pere Aymerich. Setembre 1999

Cypripedium calceolus

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

- 2.3.1 Surface area of species range in km2: 8
- 2.3.2 Date of range determination: 1999
- 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 |
|--------------------------------------|--------------------------------------|-----------------------|
| 1526 | 243 | Number of individuals |
- 2.4.2 Date of population estimation: 1999
- 2.4.3 Methods used for population estimation:
- 2.4.4 Quality of data on area:
- 2.4.5 Population trend: Increasing (+)
- 2.4.6 Population trend magnitude (km2):
- 2.4.7 Population trend period: 1997-1999
- 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: 790 Other pollution or human impacts/activities
- 2.4.11 Threats: 790 Other pollution or human impacts/activities

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): 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)
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Cypripedium calceolus

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:	Bad but improving (U2+)
Conclusions: Overall assessment:	Unknown (XX)