

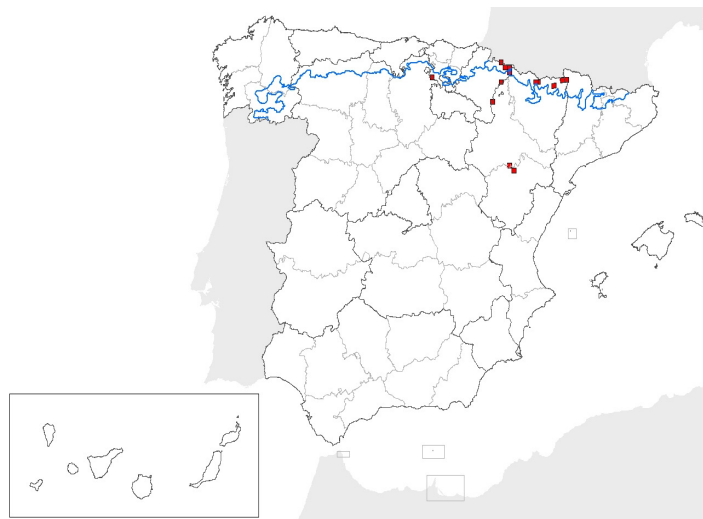
# Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

## Buxbaumia viridis

### 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:

ALLORGE, P. 1941. Muscinées du Pays basque. Bull. Soc. Bot. France 88: 210-219. ALLORGE, V. 1955. Catalogue préliminaire des Muscinées du Pays basque français et espagnol. Rev. Bryol Lichénol 24: 96-131, 248-333.

ALLORGE, V. & CASAS DE PUIG, C. 1962. Au sujet des Bryophytes récoltés au tours de l'excursion de l'Association Internationale de Phytosociologie dans les Pyrénées franco-espagnoles (22-29 mai 1960). Rev. Bryol. Lichénol 31: 213-238.

INFANTE, M. & HERAS, P. 1998. Notas sobre la presencia del género Buxbaumia (Musci) en la Península Ibérica. Est. Mus. Cienc. Nat. De Alava 13: 35-38.

LL. SÁEZ, 1996.

INFANTE, M. & HERAS, P. (2003) Briofitos (musgos y hepáticas) de Aragón. Lista Roja de los Briofitos de Aragón. 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: 750
- 2.3.2 Date of range determination: 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: 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
103	103	Number of localities

2.4.2 Date of population estimation: 1996-2006

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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:	Moderate e.g. based on partial data with some extrapolation
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:	
and/or specify:	
2.4.9 Justification of % thresholds for trends (optional):	
2.4.10 Main pressures:	160 General Forestry management 166 - removal of dead and dying trees
2.4.11 Threats	160 General Forestry management 166 - removal of dead and dying trees 241 - collection (insects, reptiles, amphibians.....) 501 - paths, tracks, cycling tracks 948 - fire (natural)

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

2.5.1 Habitats for the species:	Lignícola en grandes troncos caídos en el suelo y en avanzado estado de descomp
2.5.2 Area estimation (km2):	0,15
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:	
2.5.6 Trend period:	
2.5.7 Reasons for reported trend:	
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:	Bad (U2)	
Conclusions: (2.4) Population:	Unknown (XX)	
Conclusions: (2.5) Habitat for the species:	Unknown (XX)	
Conclusions: (2.6) Future prospects:	Bad (U2)	
Conclusions: Overall assessment:	Bad (U2)	

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

## 2.2 Published sources and/or websites:

CASAS, 1977. Zur Moosflora von Navarra (Nord-Ost-Spanien) 7.Mitteilung: Sierra Leire. Herzogia 4: 345-350. INFANTE SÁNCHEZ & HERAS PÉREZ. 1998. Notas sobre la presencia del género Buxbaumia (Musci) en la Península Ibérica. Est. Mus. Cienc. Nat. De Álava, 13:35-38.

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INFANTE, M. & HERAS, P. (2003) Briofitos (musgos y hepáticas) de Aragón. Lista Roja de los Briofitos de Aragón. 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:	270
2.3.2 Date of range determination:	2006
2.3.3 Quality of data concerning range:	Moderate e.g. based on partial data with some extrapolation
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:	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
	3	3	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:			
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:	160 General Forestry management 166 - removal of dead and dying trees		
2.4.11 Threats	160 General Forestry management 166 - removal of dead and dying trees 250 Taking / Removal of flora, general 501 - paths, tracks, cycling tracks 948 - fire (natural)		

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

2.5.1 Habitats for the species:	Lignícola en grandes troncos caídos en el suelo y en avanzado estado de descomp
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:	NotApplicable
Other (specify):	

## 2.6 Future prospects for the species:

## 2.7 Complementary information

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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)	