

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

Boleum asperum

1. National level

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

map-distribution



2. Biogeographical or marine level

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

2.2 Published sources and/or websites:

DOMÍNGUEZ, F., GALICIA, D., MORENO, L., MORENO, J.C. & SAINZ H. (1996) Threatened Plants in Peninsular and Balearic Spain: A Report Based on the EU Habitats Directive. Conservation Biology, 76:123-133.

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.

SAINZ H., FRANCO F. & ARIAS J. (1996) Estrategias para la conservación de la flora amenazada de Aragón. Consejo de Protección de la Naturaleza de Aragón. Zaragoza <http://www.ipe.csic.es/floragon>.

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

- 2.3.1 Surface area of species range in km²: 1936,58
- 2.3.2 Date of range determination: 2006
- 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:
- 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
3123350	3123350	Number of individuals

2.4.2 Date of population estimation: 200

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

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2.4.5 Population trend:	Increasing (+)
2.4.6 Population trend magnitude (km2):	
2.4.7 Population trend period:	1996-2000
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:	150 Restructuring agricultural land holding 502 - roads, motorways 503 - railway lines, TGV
2.4.11 Threats	150 Restructuring agricultural land holding 502 - roads, motorways

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

2.5.1 Habitats for the species:	Crece en dos tipos de ambientes, el primero es un medio no perturbado y formad
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: 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:	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)	