

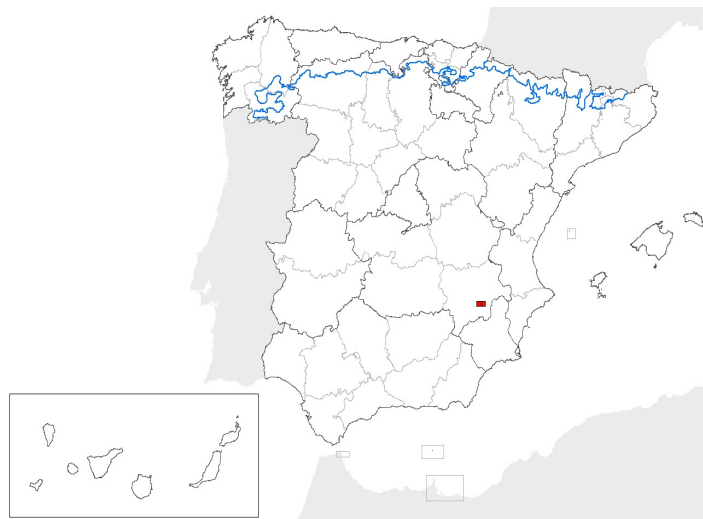
# Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

## Sideritis serrata

### 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:

Bañares, A. G. Blanca, J. Güemes, J.,C: Moreno & S. Ortiz, eds (2004). Atlas y libro rojo de flora vascular amenazada de España. Dirección General para la Biodiversidad, Publicaciones del O.A.P.N. Madrid.  
[http://www.mma.es/portal/secciones/biodiversidad/inventarios/inb/flora\\_vascular.pdf](http://www.mma.es/portal/secciones/biodiversidad/inventarios/inb/flora_vascular.pdf)

Rivera, D. & Obón (1990). Hybridization between *Sideritis serrata* LAg. And *Sideritis bourgeana* Boiss. (Lamiaceae) in their hybrid zone in Spain. *Annals of Botany* 66:147-154.

José M<sup>a</sup> Herranz, Miguel A. Copote, P. Ferrandis & María José Martínez Lirola, 2004. Manual de Gestión de la especie de flora amenazada *Sideritis serrata* Lag,

Cirujano, S., Medina, L., Stübing, Peris, J.B. (enero 1996).Informe sobre la flora, la vegetación y los enclaves que tienen interés botánico prioritario en Castilla-La Mancha. Real Jardín botánico de Madrid, CSIC.

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

2.3.1 Surface area of species range in km2: 14,3

2.3.2 Date of range determination:

2.3.3 Quality of data concerning range: Good e.g based on extensive surveys

2.3.4 Range trend:

2.3.5 Range trend magnitude in km2 (optional):

2.3.6 Range trend period: 1980-2001

2.3.7 Reasons for reported trend: Direct human influence (restoration, deterioration, destruction)  
Indirect anthropo(zoo)genic influence  
Natural processes

and/or specify

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

2.4.1 Population size estimation:

## Sideritis serrata

	Population size estimation (minimum)	Population size estimation (maximum)	Population units
	150000	0	Number of individuals
2.4.2 Date of population estimation:	2001		
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		
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:	100 Cultivation 160 General Forestry management 974 - genetic pollution		
2.4.11 Threats	100 Cultivation 160 General Forestry management 331 - open cast mining 974 - genetic pollution 990 Other natural processes		
2,5 Habitat for the species in the biogeographic region or marine region			
2.5.1 Habitats for the species:	Hábitat: Romeral - Tomillar mixto sobre suelo pedregoso calcáreo. Acompañada e		
2.5.2 Area estimation (km2):	301		
2.5.3 Date of estimation:	1999-2002		
2.5.4 Quality of the data:	Good e.g based on extensive surveys		
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:	Bad prospects - species likely to be become extinct in the biogeographical region		
2.7 Complementary information			
2.7.1 Favourable reference range (km2):	4550	More than	
2.7.2 Favourable reference population:	301	Less than	
2.7.3 Suitable habitat for the species (km2):			
2.7.4 Other relevant information (optional):	El Plan de Recuperación de esta especie se aprobó por el Decreto 234/1999, de 1		
Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)	
Conclusions: (2.3) Range:	Bad and deteriorating (U2-)		
Conclusions: (2.4) Population:	Unknown (XX)		
Conclusions: (2.5) Habitat for the species:	Inadequate and deteriorating (U1- )		
Conclusions: (2.6) Future prospects:	Bad and deteriorating (U2-)		
Conclusions: Overall assessment:	Bad (U2)		