

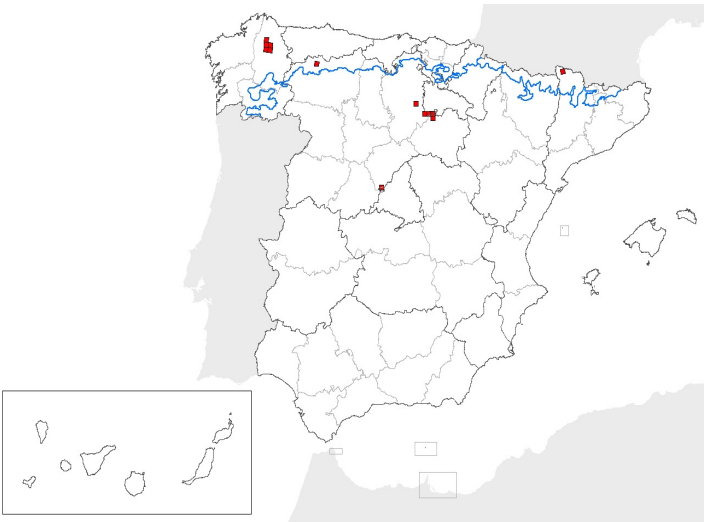
Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

Luronium natans

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:

Atlas y Libro Rojo de la Flora Vascular Amenazada de España. Ministerio de Medio Ambiente. 2003.

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

2.3.1 Surface area of species range in km2: 0

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:

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
800	0	Number of individuals

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:

and/or specify:

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2.4.9 Justification of % thresholds for trends (optional):

2.4.10 Main pressures:

2.4.11 Threats 701 - water pollution

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:

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.

CMA. (2005). Plan de Ordenación de los Recursos Naturales Espacio Natural Protegido Parga-Ladra-Támoga. Consellería de Medio Ambiente, Santiago de Compostela.

Romero, M.I. et al. (2004) Luronium natans, a rare species in the Iberian Peninsula. Belgian Journal of Botany. 137(1), 85-90.

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

2.3.1 Surface area of species range in km2: 601,52

2.3.2 Date of range determination: 2007

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

2.3.4 Range trend: Stable (=)

2.3.5 Range trend magnitude in km2 (optional):

2.3.6 Range trend period: 1995-2007

2.3.7 Reasons for reported trend:

and/or specify

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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
	6	Number of localities

2.4.2 Date of population estimation: 2007

2.4.3 Methods used for population estimation: From comprehensive inventory

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: 1995-2007

2.4.8 Reasons for reported trend:

and/or specify:

2.4.9 Justification of % thresholds for trends (optional):

2.4.10 Main pressures: 803 - infilling of ditches, dykes, ponds, pools, marshes or pits
810 Drainage
850 Modification of hydrographic functioning, general
954 - invasion by a species

2.4.11 Threats 101 - modification of cultivation practices
150 Restructuring agricultural land holding
803 - infilling of ditches, dykes, ponds, pools, marshes or pits
810 Drainage
850 Modification of hydrographic functioning, general
954 - invasion by a species

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

2.5.1 Habitats for the species: Aguas estancadas y de curso lento. Charcas, márgenes de lagunas, canales y curs

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: 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)	

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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: MEDITERRANEAN

2.2 Published sources and/or websites:

UNITED RESEARCH SERVICES ESPAÑA S.L. (URS), 2003. Estudio básico ecológico de los humedales de montaña de tipología glaciar de La Rioja. URS y Gobierno de La Rioja.

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: 630,39

2.3.2 Date of range determination: 2003-2007

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

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
	6	Number of localities

2.4.2 Date of population estimation: 2007

2.4.3 Methods used for population estimation: From comprehensive inventory

2.4.4 Quality of data on area:

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:

- 810 Drainage
- 830 Canalisation
- 850 Modification of hydrographic functioning, general
- 954 - invasion by a species

2.4.11 Threats

- 101 - modification of cultivation practices
- 150 Restructuring agricultural land holding
- 803 - infilling of ditches, dykes, ponds, pools, marshes or pits
- 810 Drainage
- 850 Modification of hydrographic functioning, general
- 954 - invasion by a species

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

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2.5.1 Habitats for the species:	Aguas estancadas y de curso lento.
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

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)	