

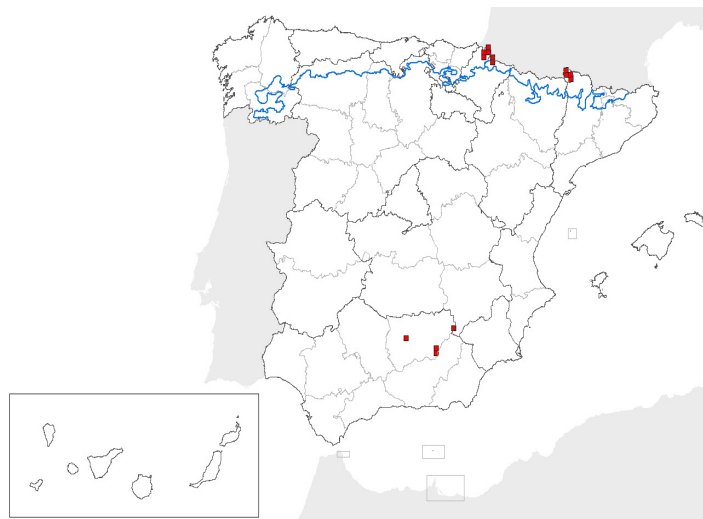
# Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

## Cottus gobio

### 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:

Doadrio, I. (ed.). 2001. Atlas y Libro Rojo de los peces continentales de España.

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

- 2.3.1 Surface area of species range in km<sup>2</sup>: 245,2
- 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 km<sup>2</sup> (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
200	0	

- 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: Unknown (X)
- 2.4.6 Population trend magnitude (km<sup>2</sup>):
- 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:	300 Sand and gravel extraction 701 - water pollution 811 - management of aquatic and bank vegetation for drainage purposes 830 Canalisation 850 Modification of hydrographic functioning, general 852 - modifying structures of inland water courses 853 - management of water levels
2.4.11 Threats	300 Sand and gravel extraction 701 - water pollution 811 - management of aquatic and bank vegetation for drainage purposes 830 Canalisation 850 Modification of hydrographic functioning, general 852 - modifying structures of inland water courses 853 - management of water levels

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

2.5.1 Habitats for the species:	Ríos de agua corriente
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:** 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:	Inadequate (U1)	
Conclusions: Overall assessment:	Inadequate (U1)	

**2.1 Biogeographical region or marine region:** ATLANTIC

### 2.2 Published sources and/or websites:

Doadrio, I. (ed.). 2001. Atlas y Libro Rojo de los peces continentales de España.

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

2.3.1 Surface area of species range in km2:	328,95
2.3.2 Date of range determination:	

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- 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: Unknown  
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     |
|--------------------------------------|--------------------------------------|----------------------|
| 4                                    | 4                                    | Number of localities |
- 2.4.2 Date of population estimation: 2006
- 2.4.3 Methods used for population estimation: Based on expert opinion
- 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: Unknown (X)
- 2.4.6 Population trend magnitude (km2):
- 2.4.7 Population trend period:
- 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:
- 300 Sand and gravel extraction
  - 701 - water pollution
  - 811 - management of aquatic and bank vegetation for drainage purposes
  - 830 Canalisation
  - 850 Modification of hydrographic functioning, general
  - 852 - modifying structures of inland water courses
  - 853 - management of water levels
- 2.4.11 Threats
- 300 Sand and gravel extraction
  - 701 - water pollution
  - 811 - management of aquatic and bank vegetation for drainage purposes
  - 830 Canalisation
  - 850 Modification of hydrographic functioning, general
  - 852 - modifying structures of inland water courses
  - 853 - management of water levels

### 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: Unknown (X)
- 2.5.6 Trend period:
- 2.5.7 Reasons for reported trend: Unknown
- Other (specify):

- 2.6 Future prospects for the species: Unknown

### 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)	

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

2.2 Published sources and/or websites:

Sin especificar

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

2.3.1 Surface area of species range in km2:	366,73
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:	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
	4	4	Number of localities
2.4.2 Date of population estimation:			
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:			
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:	701 - water pollution		
2.4.11 Threats	300 Sand and gravel extraction		
	701 - water pollution		
	850 Modification of hydrographic functioning, general		

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

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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: 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)	