

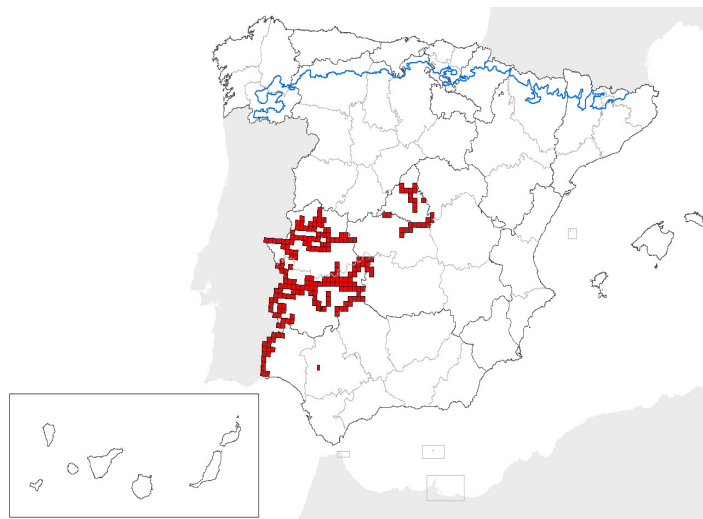
# Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

## Barbus comizo

### 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:

Doadrio, I.; Garzón, P.; Álvarez, J. & P. Barrachina. 1987. La distribución del *Barbus bocagei* Steindachner, 1865 (Ostariophysi, Cyprinidae) en la Península Ibérica. Doñana, Acta Vertebrata, 14: 125-131.

Doadrio, I. 1988. Sobre la taxonomía de *Barbus comiza* Steindachner 1865 (Ostariophysi: Cyprinidae). Doñana, Acta Vertebrata, 15(1): 19-28.

Doadrio, I. 1990. Phylogenetics relationships and classification of western palearctic species of the genus *Barbus* (Osteichthyes, Cyprinidae). Aquatic Living Resources, 3: 265-282.

Encina, L. & C. Granado. 1990. Morfoecología trófica en el género *Barbus* (Pisces, Cyprinidae). Limnetica 6:35-46.

Doadrio, I.; Elvira, B. y Bernat, Y. 1991. Peces continentales españoles: Inventario y clasificación de zonas fluviales. ([http://www.mma.es/portal/secciones/biodiversidad/especies\\_amenazadas/vertebrados/peces/peces\\_continentales/peces\\_continentales.htm](http://www.mma.es/portal/secciones/biodiversidad/especies_amenazadas/vertebrados/peces/peces_continentales/peces_continentales.htm)).

Doadrio, I. (Dtor.). 2000. Atlas de los peces continentales españoles. Convenio Ministerio de Medio Ambiente-Consejo Superior de Investigaciones Científicas. Informe Inédito. ([http://www.mma.es/portal/secciones/biodiversidad/inventarios/inb/atlas\\_Peces/indice.htm](http://www.mma.es/portal/secciones/biodiversidad/inventarios/inb/atlas_Peces/indice.htm)).

#### 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>: 19848,25
- 2.3.2 Date of range determination: 2006-2006
- 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: Unknown
- and/or specify

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

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### 2.4.1 Population size estimation:

Population size estimation (minimum)	Population size estimation (maximum)	Population units
212		Number of localities

### 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: 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:	110 Use of pesticides 120 Fertilisation 290 Hunting, fishing or collecting activities not referred to above 300 Sand and gravel extraction 301 - quarries 701 - water pollution 850 Modification of hydrographic functioning, general 852 - modifying structures of inland water courses 952 - eutrophication 954 - invasion by a species
2.4.11 Threats	110 Use of pesticides 120 Fertilisation 290 Hunting, fishing or collecting activities not referred to above 300 Sand and gravel extraction 301 - quarries 701 - water pollution 850 Modification of hydrographic functioning, general 952 - eutrophication 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: El barbo comizo prefiere ríos profundos, con poca velocidad de corriente. Por est

### 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):

**Barbus comizo**

2.7.4 Other relevant information (optional):

Conclusion	Biogeographical or marine level	Conclusions within Natura 2000 sites (optional)
Conclusions: (2.3) Range:	Bad but improving (U2+)	
Conclusions: (2.4) Population:	Bad but improving (U2+)	
Conclusions: (2.5) Habitat for the species:	Bad but improving (U2+)	
Conclusions: (2.6) Future prospects:	Bad but improving (U2+)	
Conclusions: Overall assessment:	Bad but improving (U2+)	