

# Barbus steindachneri

Region: 1

Taxonomic Authority: Almaça, 1967

Synonyms:

Common Names:

Order: Cypriniformes

Family: Cyprinidae

Notes on taxonomy: According to Doadrio, 1988, this species is not valid and is Barbus comizo.

## General Information

Biome  Terrestrial  Freshwater  Marine

### Geographic Range of species:

Endemic to the Tagus and Guadiana river basins in Spain and Portugal.

### Habitat and Ecology Information:

It is a large size barbel (<500mm). It prefers the middle and lower reaches, in deep and slow waters, with abundant submerged vegetation. It occurs also in reservoirs.

### Conservation Measures:

Listed in the Appendix III of the Bern Convention.

### Threats:

Water pollution and extraction, habitat destruction and introduction of exotic fish predators.

### Species population information:

Not very abundant.

## Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Portugal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spain	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Upper Level Habitat Preferences

Score

## Lower Level Habitat Preferences

Score

- 5.1 Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls) 1
- 12.1 Artificial/Aquatic - Water Storage Areas (over 8ha) 1

## Major threats

Code	Description of threat	Past	Present	Future
1	Habitat Loss/Degradation (human induced)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.3	Extraction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.3.6	Groundwater extraction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.4	Infrastructure development	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.4.6	Dams	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Invasive alien species (directly affecting the species)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.2	Predators	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	Pollution (affecting habitat and/or species)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.3	Water pollution	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	Natural disasters	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.1	Drought	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## Conservation Measures

Code	Conservation measures	In place	Needed
3	Research actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.1	Taxonomy	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.2	Population numbers and range	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.3	Biology and Ecology	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.4	Habitat status	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.5	Threats	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.8	Conservation measures	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.9	Trends/Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## Utilisation of Species

### Purpose/Type of Use

1. Food - human  Subsistence  National  International

Other purpose:

### Primary forms removed from the wild

1. Whole animal/plant  100%  >75%  51-75%  26-50%  <25%

Other forms removed from the wild:

### Source of specimens in commercial trade

100%  >75%  51-75%  26-50%  <25%

Other source of specimens:  
Not traded

Trend in wild offtake/harvest in relation to total wild population numbers over last five years:

Unknown

Trend in offtake/harvest produced through domestication/cultivation over last five years:

Unknown

CITES: Not listed

## Red Listing

Red List Assessment: Vulnerable (VU)

Possibly Extinct

Red List Criteria: A2ce

### Rationale for the Red List Assessment:

Based upon data of introduced species and loss of habitat in the Tagus and Guadiana river basins, it is estimated that B. steindachneri has declined by more than 30% in the past 10 years. (Carmona, J. pers comm).

Current Population Trend: Decreasing

Date of Assessment: 31/10/2004

Assessor(s): A.J. Crivelli

Evaluator: J. Carmona

Notes on Red listing:

## Bibliography

## **Bibliography**

- Doadrio, I., 1988, Sobre la taxonomía de barbus comiza Steindachner, 1865 (Ostariophysis: Cyprinidae)., Donana, Acta Vertebrata, , , 15, 19-28, ,
- Almaça, C. & Banareescu, P.M., 2003, Barbus steindachneri Almaça, 1967, , The Freshwater Fishes of Europe, Banareescu, P.M. & N.G. Bogutskaya, 5/11, 389-395, Aula-Verlag, Wiesbaden, Germany
- Doadrio, I., 2001, , , Atlas y libro rojo de los peces continentales de España, , , 374, MMA, CSIC, Madrid