

Barbus chantrei

Taxonomic Authority: (Sauvage, 1882)

Synonyms:

Region: 1

Common Names:

Order: Cypriniformes

Family: Cyprinidae

Notes on taxonomy: This species has to be regarded with caution, and further investigations, among them genetic should be undertaken. It is often described as *Tor canis*.

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

Endemic to the Orontes River basin in Syria and Turkey.

Habitat and Ecology Information:

It is large size barbel (> 500 mm)

Conservation Measures:

None known to be in place.

Threats:

Water extraction, pollution and drought are the main threats.

Species population information:

No published information on population size and trends. However, the population is thought to be declining as a result of pollution, water extraction, dam construction and drought.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Syrian Arab Republic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Turkey	<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
- 5.5 Wetlands (inland) - Permanent Freshwater Lakes (over 8ha) 1

Major threats

Conservation Measures

Code	Description of threat	Past	Present	Future	Code	Conservation measures	In place	Needed
1	Habitat Loss/Degradation (human induced)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	Research actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.3	Extraction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.1	Taxonomy	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.3.6	Groundwater extraction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.2	Population numbers and range	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.4	Infrastructure development	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.3	Biology and Ecology	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.4.6	Dams	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.4	Habitat status	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	Pollution (affecting habitat and/or species)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.5	Threats	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.3	Water pollution	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.6	Uses and harvest levels	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.3.1	Agriculture	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.8	Conservation measures	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.3.8	Sewage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.9	Trends/Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	Natural disasters	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4	Habitat and site-based actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.1	Drought	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4.1	Maintenance/Conservation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
					5	Species-based actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
					5.3	Sustainable use	<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

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:

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: Endangered (EN)

Possibly Extinct

Red List Criteria: B1ab(ii,iii)

Rationale for the Red List Assessment:

The species is endemic to the Orontes River basin. In Turkey, the population is declining as a result of habitat degradation (F. Erk'akan, pers. comm.). In Syria, trend is not known but the population is thought to be facing the same threats here and is presumably declining. Extent of occurrence estimated at less than 5,000 km² and thought to occur in less than five locations. Assessed as Endangered.

Current Population Trend: Decreasing

Date of Assessment: 14/12/2004

Assessor(s): A.J. Crivelli

Evaluator: A. Karataş, F. Erk'akan, M. Goren & N. Bogutskaya

Notes on Red listing:

Bibliography

- Krupp, F., 1985, *Barbus chantrei* (Sauvage, 1882), a valid species of cyprinid fish from the northern Levant., *Senckenbergiana biol.*, , 66, 17-25,
- Balik, S., 1995, Freshwater fish in Anatolia, Turkey., *Biological Conservation*, , 72, 213-223, ,