

Barbus massaensis

Region: 1

Taxonomic Authority: Pellegrin, 1922

Synonyms:

Barbus capito massaensis Pellegrin, 1922

Common Names:

Order: Cypriniformes

Family: Cyprinidae

Notes on taxonomy: The taxonomy of barbels from Morocco is still uncertain and more work is needed before a definitive taxonomy is set for this group in this country.

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

It is restricted to the wadi Sous and Massa basins in Morocco.

Habitat and Ecology Information:

No data.

Conservation Measures:

None.

Threats:

Ground water extraction. Water pollution from agricultural sources.

Species population information:

Locally abundant (Doadrio, I. pers comm).

Country Distribution

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

Upper Level Habitat Preferences

5.9 Wetlands (inland) - Freshwater Springs and Oases

Score

1

Lower Level Habitat Preferences

Score

Major threats

Code	Description of threat	Past	Present	Future
1	Habitat Loss/Degradation (human induced)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.3	Extraction	<input 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"/>
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"/>
6.3.1	Agriculture	<input type="checkbox"/>	<input checked="" 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	Subsistence	National	International	Other purpose:	
				Not used	
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:

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

CITES:

Red Listing

Red List Assessment: Least Concern (LC) Possibly Extinct

Red List Criteria:

Rationale for the Red List Assessment: B. massaensis is locally abundant and the threats are not widespread.

Current Population Trend: Unknown

Date of Assessment: 31/10/2004

Assessor(s): A.J. Crivelli

Evaluator: A. Azeroual

Notes on Red listing:

Bibliography

- Azeroual, A., 2003, , Monographie des poissons des eaux continentales du Maroc: systématique, distribution et ecologie., , , PhD , University Mohammed V, Rabat, Morocco
- Azeroual, A., Crivelli, A.J., Yahyaoui, A. & Dakki, M., 2000, L'ichtyofaune des eaux continentales du Maroc., Cybium, , , 24 (Suppl.), 17-22, ,
- Doadrio, I., Bouhadad, R. & Machordom, A., 1998, Genetic differentiation and biogeography in saharan populations of the genus Barbus (Osteichthyes, Cyprinidae)., Folia Zoologica, , , 47 (Suppl. 1), 7-20, ,