

# Barbus paytonii

Taxonomic Authority: (Boulenger, 1911)

Synonyms:

Region: 1

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 Oum Er Rbia river in Morocco. Specimens have been found in this river in surveys over the last 10 years (Doadrio, I. pers com).

### Habitat and Ecology Information:

No data.

### Conservation Measures:

None.

### Threats:

Agricultural pollution is affecting the species in the lower reaches of the river (Azeroual, A. pers comm).

### Species population information:

No data.

## 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

Score

## Lower Level Habitat Preferences

Score

5.1 Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls)

1

## Major threats

Code	Description of threat	Past	Present	Future
6	Pollution (affecting habitat and/or species)	<input checked="" 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:	
Primary forms removed from the wild	100%	>75%	51-75%	26-50% <25%	Not used
Source of specimens in commercial trade	100%	>75%	51-75%	26-50% <25%	Other forms removed from the wild:
					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: Vulnerable (VU)  Possibly Extinct

Red List Criteria: B2ab(iii)

Rationale for the Red List Assessment: The AOO of B. paytoni in the Oum er Rbia river is estimated to be 1,200km<sup>2</sup> (<2,000km<sup>2</sup>). Agricultural pollution is having a negative impact upon the species habitat in the lower reaches of the river. This species occurs in less than 10 locations (with the lower river being one location due to the nature of the threat).

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, ,