

Barbus ksibi

Taxonomic Authority: Boulenger, 1905

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 of this group is set in this country.

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

It is restricted to the Wadi Ksob in Morocco.

Habitat and Ecology Information:

No data.

Conservation Measures:

None.

Threats:

Climate change is thought to be leading to drought to all rivers south of Oum Er Rbia in Morocco (Azeroual, A. pers comm). Urbanisation and ground water extraction. (Diadrio, I. pers comm)

Species population information:

Locally abundant. (Azeroual, A. 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"/> |
| 1.4 | Infrastructure development | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 1.4.2 | Human settlement | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7 | Natural disasters | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7.1 | Drought | <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: B1ab(ii,iii); D2

Rationale for the Red List Assessment:

Climate change is thought to be causing drought in all rivers south of the Oum Er Rbia (Azeroual, A. pers comm.) This along with habitat destruction for urbanisation is affecting the entire distribution of B. ksibi in the wadi Ksob. The EOO of B. ksibi is less than 20,000 km² and is declining in habitat quality and area due to urbanisation and groundwater extraction.

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., Crivelli, A.J., Yahyaoui, A. & Dakki, M., 2000, L'ichtyofaune des eaux continentales du Maroc., Cybium, , , 24 (Suppl), 17-22, ,

Azeroual, A., 2003, , , Monographie des poissons des eaux continentales du Maroc: systématique, distribution et ecologie., , , PhD , University Mohammed V, Rabat, Morocco