Barbus albanicus

Region: 1

Taxonomic Authority: Steindachner, 1870

Synonyms:

Common Names:

Albanian barbel English

Order: Cypriniformes **Family:** Cyprinidae

Notes on taxonomy:

General Information

Biome ☐ Terrestrial ☑ Freshwater ☐ Marine

Geographic Range of species:

Endemic to western Greece from Peleponnesus to Epirus.

Habitat and Ecology Information:

It lives in rivers, but can be found also in lakes and reservoirs. Reproduction occurs from May to July. It is a small size barbel (<300mm). Its age can be up to 10 years old. Growth is slow. It feeds mainly on benthic organisms.

Conservation Measures:

Protected by a special Greek law but this is not implemented.

Threats:

Fragmentation of its habitat (dam construction), water pollution and extraction, uncontrolled fishing (commercial and angling).

Species population information:

Still quite abundant.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Greece	☑	☐	☐	☐	☐	☐

Upper 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
12.1	Artificial/Aquatic - Water Storage Areas (over 8ha)	1

Lower Level Habitat Preferences

Score

Major threats

Code	Description of threat	Past	Present	Future
1	Habitat Loss/Degradation (human induced)	☑	☑	☑
1.3	Extraction	☑	☑	☑
1.3.2	Fisheries	☑	☑	☑
1.3.2.2	Artisinal/small-scale	☑	☑	☑
1.3.6	Groundwater extraction	☐	☑	☑
1.4	Infrastructure development	☑	☑	☑
1.4.6	Dams	☑	☑	☑
6	Pollution (affecting habitat and/or species)	☑	☑	☑
6.3	Water pollution	☑	☑	☑
6.3.1	Agriculture	☑	☑	☑
6.3.2	Domestic	☑	☑	☑
6.3.3	Commercial/Industrial	☑	☑	☑
6.3.8	Sewage	☑	☑	☑
7	Natural disasters	☐	☑	☑
7.1	Drought	☐	☑	☑

Conservation Measures

Code	Conservation measures	In place	Needed
1	Policy-based actions	☐	☑
1.2	Legislation	☐	☑
1.2.1	Development	☐	☑
1.2.1.1	International level	☐	☑
1.2.2	Implementation	☐	☑
1.2.2.1	International level	☐	☑
1.2.2.2	National level	☐	☑
3	Research actions	☑	☑
3.1	Taxonomy	☑	☐
3.2	Population numbers and range	☑	☐
3.3	Biology and Ecology	☑	☐
3.4	Habitat status	☑	☐
3.9	Trends/Monitoring	☐	☑
5	Species-based actions	☐	☑
5.3	Sustainable use	☐	☑
5.3.1	Harvest management	☐	☑

Utilisation of Species

Purpose/Type of Use	Subsistence	National	International	*Other purpose:*
1. Food - human	☑	☐	☐	

	100%	>75%	51-75%	26-50%	<25%	
Primary forms removed from the wild						***Other forms removed from the wild:***
Source of specimens in commercial trade						***Other source of specimens:***

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

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

CITES: Not listed

Red Listing

Red List Assessment: Least Concern (LC) ☐ Possibly Extinct

Red List Criteria:

Rationale for the Red List Assessment: This species is still widespread (estimated EOO > 20,000 km2) and abundant, although it has suffered locally severe declines (e.g. Lake Ionnina) due to eutrophication and habitat alteration in spawning areas. It is assessed as Least Concern.

Current Population Trend: Stable **Date of Assessment:** 31/10/2004

Assessor(s): A.J. Crivelli

Evaluator: Barbieri, R., & Kottelat, M.

Notes on Red listing:

Bibliography

Daoulas, C. & Economidis, P.S., 1989, Age, growth and feeding of Barbus albanicus Steindachner in the Kremasta reservoir, Greece., Archives für Hydrobiologie, , , 114, 591-601, ,

Economidis, P.S. & Herzig-Straschil, B., 2003, Barbus albanicus Steindachner, 1870, , The Freshwater Fishes of Europe, P. Banarescu & N. G. Bogutskaya, 5/II, 23-41, Aula Verlag, Wiesbaden, Germany

Barbieri, R., Economou, A.N., Stoumboudi, M. Th. & Economidis, P.S., 2002, Freshwater fishes of Peloponnese (Greece): distribution, ecology and threats., , Conservation of Freshwater Fishes: Options for the Future., Collares-Pereira, M.J., Cowx, I.G. & Coelho, M.M., , 55-64, Fishing News Book, Oxford, U.K.