

# Barbatula eregliensis

Region: 1

**Taxonomic Authority:** (Banarescu & Nalbant, 1978)

**Synonyms:**

Noemacheilus angorae Hanko, 1924  
Orthrias angorae eregliensis Banarescu & Nalbant, 1978

**Common Names:**

**Order:** Cypriniformes

**Family:** Balitoridae

**Notes on taxonomy:** The taxonomy of Barbatula is in need of revision.

## General Information

**Biome**  Terrestrial  Freshwater  Marine

**Geographic Range of species:**

Restricted to the Akgol-Eregli marshes in Central Anatolia, Turkey.  
Extent of occurrence is estimated as less than 100 km<sup>2</sup>.

**Habitat and Ecology Information:**

Known from Akgol-Eregli marshes. No other data are available at present.

**Conservation Measures:**

None known to be in place.

**Threats:**

Habitat loss as a result of the water supply to the marsh being restricted by the construction of a dam across the stream inlet. The marsh has been partly drained and water is extracted from the marsh for agricultural purposes. The marshes are also sometimes burned.

**Species population information:**

No published data on population size or trend. However it is believed to be declining as a result of anthropogenic factors.

## Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
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

- 5.4 Wetlands (inland) - Bogs, Marshes, Swamps, Fens, Peatlands 1
- 5.5 Wetlands (inland) - Permanent Freshwater Lakes (over 8ha) 1

## Major threats

Code	Description of threat	Past	Present	Future
1	Habitat Loss/Degradation (human induced)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.3	Extraction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.3.6	Groundwater extraction	<input checked="" type="checkbox"/>	<input checked="" 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"/>
6.3	Water pollution	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.3.1	Agriculture	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.3.2	Domestic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.3.3	Commercial/Industrial	<input checked="" 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:** Critically Endangered (CR)  Possibly Extinct

**Red List Criteria:** B1ab(iii)

**Rationale for the Red List Assessment:** This species is currently known only from Eregli marsh which has been partly drained and water flow to the area is restricted. In addition, the habitat is threatened by pollution (agricultural, industrial and domestic pollution). The total marsh area is less than 100 km<sup>2</sup>. The species is assessed as Critically Endangered based on restricted range and continuing decline in habitat quality.

**Current Population Trend:** Decreasing

**Date of Assessment:** 14/12/2004

**Assessor(s):** A.J. Crivelli

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

**Notes on Red listing:**

## Bibliography

Banarescu, P.M., Nalbant, T.T. & Balik, S., 1978, Süßwasserfische der Türkei. 11. Teil. Die gattung Orthrias in der Türkei und in Südbulgarien (Pisces, Cobitidae, Noemacheilinae), Mitt. Hamb. Zool. Mus. Inst., , 75, 255-266, ,