

# Telestes turskyi

Region: 1

Taxonomic Authority: (Heckel, 1843)

Synonyms:

Common Names:

Order: Cypriniformes

Family: Cyprinidae

Notes on taxonomy: Genus change to Telestes from Leuciscus. (Ketmaier et al 2004)

## General Information

Biome  Terrestrial  Freshwater  Marine

### Geographic Range of species:

It is restricted to the Cikola river with extremely limited distribution. The Cikola is a tributary of the Krka river in Croatia.

### Habitat and Ecology Information:

Slow and stagnant water (Bogutskaya, N. pers comm).

### Conservation Measures:

Listed in the Appendix III of the Bern Convention.

### Threats:

Drought, water extraction and pollution. (Bogutskaya, N. pers comm).

### Species population information:

No data. Was thought to be extinct but has recently been found in May 2002 by Freyhof and Bogutskaya (Freyhof and Bogutskaya pers comm).

## Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Croatia	<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
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"/>
1.4.6	Dams	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Invasive alien species (directly affecting the species)	<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"/>
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"/>
9	Intrinsic factors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9.2	Poor recruitment/reproduction/regeneration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9.9	Restricted range	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
12	Unknown	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Conservation Measures

Code	Conservation measures	In place	Needed
1	Policy-based actions	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2	Legislation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.1	Development	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.1.1	International level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.2	Implementation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.2.1	International level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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%
Source of specimens in commercial trade	100%	>75%	51-75%	26-50% <25%

Other purpose: Not used at all.  
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(ii)+2ab(ii)

Rationale for the Red List Assessment: T. turskyi has an extremely limited distribution. It was thought to be extinct but has recently been found in May 2002 by Freyhof and Bogutskaya (Freyhof, J. & Bogutskaya, N. pers comm). It has an EOO<100km2 and AOO<10km2 and survives at one location, the Cikola river. There is a continuing decline of area of occupancy due to water extraction and drought.

Current Population Trend: Unknown

Date of Assessment: 31/10/2004

Assessor(s): A.J. Crivelli

Evaluator: Freyhof, Bogutskaya

Notes on Red listing:

## **Bibliography**

- Mrakovcic, M., Misetic, S. & Povz, M., 1995, Status of freshwater fish in Croatian Adriatic river systems, *Biological Conservation*, , , 72, 179-185, ,
- Povz, M., Leiner, S., Mrakovcic, M. & Popovic, J., 1990, Rare and endangered fishes from Yugoslavian Adriatic rivers., *Journal of Fish Biology*, , , 37 (Supplement A), 247-249, ,
- Ketmaier, V., Bianco, P.G., Cobolli, M., Krivokapic, M., Caniglia, R. & Elvira, DeM., 2004, Molecular phylogeny of two lineages of leuciscinae cyprinids (*Telestes* and *Acardinius*) from the peri-Mediterranean area based on cytochrome b data., *Molecular phylogenetics and evolution*, , , 32, 1061-1071, ,