

# Telestes polylepis

Region: 1

Taxonomic Authority: (Steindachner, 1866)

Synonyms:

Common Names:

Order: Cypriniformes

Family: Cyprinidae

Notes on taxonomy: New genus Telestes from Leuciscus (Banarescin, 1998)

## General Information

Biome  Terrestrial  Freshwater  Marine

### Geographic Range of species:

It is only found at a very small karstic stream, Stanicka Jaruga in Croatia. There are historical records from Zagorska Dreznica, Dobra and Mreznica drainages (not confirmed) (Mrakovcic, M. pers comm).

### Habitat and Ecology Information:

Lives in karstic streams.

### Conservation Measures:

Listed in the Appendix III of the Bern Convention.

### Threats:

Water extraction, introduced species (trout).

### Species population information:

No data.

## 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

## Conservation Measures

Code	Description of threat	Past	Present	Future	Code	Conservation measures	In place	Needed
1	Habitat Loss/Degradation (human induced)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	Research actions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.3	Extraction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.1	Taxonomy	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.3.6	Groundwater extraction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.2	Population numbers and range	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.4	Infrastructure development	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.3	Biology and Ecology	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.4.6	Dams	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.4	Habitat status	<input 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"/>	3.5	Threats	<input 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"/>	3.8	Conservation measures	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	Natural disasters	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3.9	Trends/Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.1	Drought	<input type="checkbox"/>	<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%

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,iii,v)+2ab(ii,iii,v)

Rationale for the Red List Assessment: T. polylepis is only found in one location, Stanicka Jaruga, a stream 1 metre wide and 2 km long (AOO<10km2 & EOO<100km2). There is also a continuing decline of AOO, habitat quality and mature individuals due to water extraction and introduced trout species.

Current Population Trend: Unknown

Date of Assessment: 31/10/2004

Assessor(s): A.J. Crivelli

Evaluator: J. Freyhof & N. Bogutskaya

Notes on Red listing:

## Bibliography

- 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, ,
- Mrakovcic, M., Misetec, S. & Povz, M., 1995, Status of freshwater fish in Croatian Adriatic river systems., Biological Conservation, , 72, 179-185, ,
- Banarescin, P. & Hertzog-Straschil, B., 1998, , Ann. Naturalhist. Mus. Wien., , 100, 405-424, ,