

# Tropidophoxinellus spartiaticus

Taxonomic Authority: (Schmidt-Ries, 1943)

Synonyms:

Region: 1

Common Names:

Order: Cypriniformes

Family: Cyprinidae

Notes on taxonomy:

## General Information

Biome  Terrestrial  Freshwater  Marine

### Geographic Range of species:

Restricted to few small rivers and streams (from Nedas to Evrotas) in southern Peloponnese in Greece.

### Habitat and Ecology Information:

It is a species of small size (< 100 mm) which lives near the river/stream edges avoiding the main stream currents.

### Conservation Measures:

None.

### Threats:

Water extraction, pollution, and drought. Effluent from the olive pressing mills is reported to be discharged into the rivers in the dry season, when fish are in isolated pools, such that the river often runs black.

### Species population information:

Decreasing.

## Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Greece	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Upper Level Habitat Preferences

Score

5.1	Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls)	1
5.2	Wetlands (inland) - Seasonal/Intermittent/Irregular Rivers/Streams/Creeks	1

## Lower Level Habitat Preferences

Score

## 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"/>
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"/>
9.1	Limited dispersal	<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"/>

## Conservation Measures

Code	Conservation measures	In place	Needed
3	Research actions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.1	Taxonomy	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
3.8	Conservation measures	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.9	Trends/Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Habitat and site-based actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.1	Maintenance/Conservation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.2	Restoration	<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 at all.
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,iv,v)+2ab(ii,iii,iv,v)

Rationale for the Red List Assessment: This is a restricted range species (estimated EOO < 5,000 km<sup>2</sup>, estimated AOO < 500 km<sup>2</sup>) found in an estimated 10 locations, where locations are defined on the basis of the main impact which is pollution from olive mills and orange presses. There is ongoing decline in AOO, habitat quality, and the number of subpopulations and mature individuals.

Current Population Trend: Decreasing

Date of Assessment: 31/10/2004

Assessor(s): A.J. Crivelli

Evaluator: Barbieri, R. & Kottelat, M.

Notes on Red listing:

## Bibliography

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.

Economidis, P.S., 1991, , , Check list of freshwater fishes of Greece., , 10-11, Hellenic Society for the Protection of Nature, Athens

Kottelat, M., 1997, European freshwater fishes, Biologia, Bratislava, , , 52/ Supplement 5, 1-271, ,