

# Cobitis stephanidisi

Taxonomic Authority: Economidis, 1992

Synonyms:

Region: 1

Common Names:

Order: Cypriniformes

Family: Cobitidae

Notes on taxonomy:

## General Information

Biome  Terrestrial  Freshwater  Marine

### Geographic Range of species:

It is extirpated from its original range in the Kefalovriso karstic spring in Velestino village within the former Lake Karla basin in central Greece. Recent survey of the springs and streams of the Pinios and the previous Lake Karla basins has found it in the Chasambali spring (Economidis & Bobori 2003).

### Habitat and Ecology Information:

It lives in springs.

### Conservation Measures:

None

### Threats:

Water extraction and pollution. Drought.

### Species population information:

No data

## 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

## Lower Level Habitat Preferences

Score

5.9 Wetlands (inland) - Freshwater Springs and Oases

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"/>
7	Natural disasters	<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 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"/>
4	Habitat and site-based actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.1	Maintenance/Conservation	<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: Critically Endangered (CR)  Possibly Extinct

Red List Criteria: B1ab(i,ii,iii,v)+2ab(i,ii,iii,v)

Rationale for the Red List Assessment: This species has a highly restricted range being limited to a single spring (EOO < 100 km<sup>2</sup>, and AOO < 10 km<sup>2</sup>). It is assessed as Critically Endangered on account of this restricted range, that it has been extirpated from its original range in the Kefalovriso karstic spring and a reported decline in habitat quality and availability due to agricultural pollution and water extraction.

Current Population Trend: Unknown

Date of Assessment: 31/10/2004

Assessor(s): A.J. Crivelli

Evaluator: Barbieri, R. & Kottelat, M.

Notes on Red listing:

## Bibliography

Economidis, P.S. & Nalbant, T.T., 1996, A study of the loaches of the genera Cobitis and Sabanejewia (Pisces, Cobitidae) of Greece, with description of six new taxa., Trav. Mus. Natl. Hist. Nat. 'Grigore Antipa', , , 36, 295-347, ,  
Economidis, P.S. & Bobori, 2003, Ichthyological study of the area of ex-Karla Lake - Final Technical Report, , , , , ,