

# Ladigesocypris ghigii

Taxonomic Authority: (Gianferrari, 1927)

Synonyms:

Order: Cypriniformes

Notes on taxonomy:

Region: 1

Common Names:

Gizani

Greek

Family: Cyprinidae

## General Information

Biome  Terrestrial

Freshwater

Marine

Geographic Range of species:

It is restricted to streams on Rhodes Island.

Habitat and Ecology Information:

Inhabits most of the island's freshwater systems, including streams, springs, reservoirs, and pools.

Conservation Measures:

Listed in the Annex II of the Habitats Directive of EU and is protected by a Presidential Decree No 67/1981 of the Greek State. It has been the focus of an EU Life Project (<http://www.life-gizani.gr>).

Threats:

Water extraction and summertime drought.

Species population information:

The population is generally stable but fluctuates in the short-term, depending on levels of rainfall.

## Country Distribution

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

## Upper Level Habitat Preferences

Score

## Lower 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
5.7	Wetlands (inland) - Permanent Freshwater Marshes/Pools (under 8ha)	1
5.9	Wetlands (inland) - Freshwater Springs and Oases	1
12.1	Artificial/Aquatic - Water Storage Areas (over 8ha)	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"/>	1	Policy-based actions	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.3	Extraction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2	Legislation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.3.6	Groundwater extraction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.1	Development	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.4	Infrastructure development	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.1.1	International level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.4.6	Dams	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.2	Implementation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Natural disasters	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.2.1	International level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.1	Drought	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	Research actions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9	Intrinsic factors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.1	Taxonomy	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9.1	Limited dispersal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.2	Population numbers and range	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9.9	Restricted range	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.3	Biology and Ecology	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					3.4	Habitat status	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					3.5	Threats	<input checked="" type="checkbox"/>	<input 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%	Other forms removed from the wild:
Source of specimens in commercial trade	100%	>75%	51-75%	26-50%	<25%	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: D2

Rationale for the Red List Assessment: This species' abundance depends heavily on rainfall levels and water management. When the year

is dry, the population declines, and when it is wet the species thrives. An EU Life project has helped to ensure the future survival of this species but it still remains vulnerable due to its restricted range. More details can be found on the EU Life project website: <http://www.life-gizani.gr>

**Current Population Trend:** Stable

**Date of Assessment:** 31/10/2004

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

**Evaluator:** Barbieri, R. & Kottelat, M.

**Notes on Red listing:**

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**Bibliography**

Economidis, P.S., 1995, Endangered freshwater fishes of Greece., *Biological Conservation*, , 72, 201-211, ,

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