

# Knipowitschia milleri

Taxonomic Authority: (Ahnelt & Bianco, 1990)

Synonyms:

Region: 1

Common Names:

Order: Perciformes

Family: Gobiidae

Notes on taxonomy:

## General Information

Biome  Terrestrial  Freshwater  Marine

### Geographic Range of species:

Restricted to the River Acheron delta in western Greece.

### Habitat and Ecology Information:

It is found in fresh and brackish waters, often with abundant vegetation, and sand or mud substrates.

### Conservation Measures:

This is a Natura 2000 Site which is apparently providing no effective protection as there are plans to drain part of the area.

### Threats:

Land reclamation - local authorities are planning to reclaim approximately 50% of the swamp. Water pollution - in particular from the local village.

### Species population information:

Declining and the local people have been draining the area.

## 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

- 5.1 Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls) 1
- 5.13 Wetlands (inland) - Permanent Inland Deltas 1

## Major threats

Code	Description of threat	Past	Present	Future
12	Unknown	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## Conservation Measures

Code	Conservation measures	In place	Needed
1	Policy-based actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.2	Legislation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.2.1	Development	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.2.1.1	International level	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.2.2	Implementation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.2.2.1	International level	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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 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% Not used
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)+2ab(i,ii,iii)

Rationale for the Red List Assessment: This is a restricted range species, with an estimated EOO < 100km<sup>2</sup>, and AOO < 10 km<sup>2</sup>, which is only known from a single location, the River Acheron Delta. Ongoing land reclamation within the delta is causing a decline in EOO and AOO, and the quality of habitat is declining due to water pollution and dumping of waste.

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**

- Ahnelt, H. & Bianco, P.G., 1990, *Orinigobius milleri* n. sp., a new species of freshwater goby from W-Greece (Pisces: Gobiidae), *Ann. Naturhist. Mus. Wien*, , 91, 1-6, ,
- Economidis, P.S., 1991, , Check list of freshwater fishes of Greece., , 10-11, Hellenic Society for the Protection of Nature, Athens