

# Pseudophoxinus epiroticus

Region: 1

Taxonomic Authority: (Steindachner, 1895)

## Synonyms:

Paraphoxinus epiroticus Steindachner, 1896  
Phoxinellus epiroticus Steindachner, 1896

## Common Names:

Order: Cypriniformes

Family: Cyprinidae

## Notes on taxonomy:

## General Information

Biome  Terrestrial  Freshwater  Marine

### Geographic Range of species:

Restricted to the Lake Pamvotis in Epiros District in Western Greece. Its presence in the Louros river is very doubtful.

### Habitat and Ecology Information:

It is a lacustrine species.

### Conservation Measures:

None.

### Threats:

Water pollution, overfishing (bycatch), and the introduction of alien species (main cause of decline).

### Species population information:

The population has been dramatically crashing since the early 1990's.

## 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

5.5 Wetlands (inland) - Permanent Freshwater Lakes (over 8ha) 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"/>
6.3.1	Agriculture	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.3.2	Domestic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.3.8	Sewage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	Natural disasters	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.1	Drought	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9	Intrinsic factors	<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 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"/>
4.2	Restoration	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## Utilisation of Species

### Purpose/Type of Use

Subsistence

National

International

Other purpose:

Not used at all. Caught as bycatch. Previously subject to a major fishery.

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: Critically Endangered (CR)

Possibly Extinct

Red List Criteria: A2be; B1ab(v)

### Rationale for the Red List Assessment:

The species is suffering a continuing decline and has lost an estimated 90% of the population since 1995. The level of decline has been estimated from fishery statistics (CPUE) with the main impact thought to be from introduced alien species. This is also a restricted range species with an estimated EOO<100km<sup>2</sup>.

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

Kottelat, M. & Barbieri, R., 2004, *Pseudophoxinus laconicus*, a new species of minnow from Peloponnese, Greece, with comments on the West Balkan *Pseudophoxinus* species (Teleostei: Cyprinidae), *Ichthyol. Explor. Freshwaters*, , , 15, 147-160, ,

Perdikaris, K., Nathanailides, K., Gouva, E., Karipoglou, K., Leonardos, I. & Pashos, I., 2003, Population collapse of *Phoxinellus epiroticus* (Cyprinidae) in Lake Pamvotis, 11th Panell. Congr. Of Ichthyol, , , , 269-272, ,

Leonardos, I., Pashos, I. & Prassa, M., 2005, Threatened fishes of the world: *Phoxinellus epiroticus* (Steindachner, 1895) (Cyprinidae), *Envir. Biol. Fish.*, , , 72, 250, ,