

# Phoxinellus alepidotus

Taxonomic Authority: Heckel, 1843

Synonyms:

Region: 1

Common Names:

Order: Cypriniformes

Family: Cyprinidae

Notes on taxonomy:

## General Information

Biome  Terrestrial  Freshwater  Marine

### Geographic Range of species:

It is known only from the Cetina river basin and to the Livanjsko, Glamocko, and Grahovo Polje karsts in Croatia and Bosnia-Herzegovina. It is possibly absent in the Cetina river basin (Mrakovcic, M. pers comm).

### Habitat and Ecology Information:

It lives in streams in the Karst region.

### Conservation Measures:

None.

### Threats:

Water extraction, drought, water pollution from intensive agriculture (fertilizers and pesticides), dam construction and introduced fish species.

### Species population information:

Declining (Mrakovcic, M. pers comm)

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Bosnia and Herzegovina	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Croatia	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Country Distribution

## Upper Level Habitat Preferences

Score

## Lower Level Habitat Preferences

Score

5.1 Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls)	1
5.18 Wetlands (inland) - Karst and Other Subterranean Hydrological Systems (inland)	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"/>	3	Research actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.3	Extraction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.1	Taxonomy	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.3.6	Groundwater extraction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.2	Population numbers and range	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.4	Infrastructure development	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.3	Biology and Ecology	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.4.6	Dams	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.4	Habitat status	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Invasive alien species (directly affecting the species)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.5	Threats	<input 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"/>	3.8	Conservation measures	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.3	Water pollution	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.9	Trends/Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.3.1	Agriculture	<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"/>				
9.1	Limited dispersal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
9.10	Other	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				

## Utilisation of Species

### Purpose/Type of Use

1. Food - human  Subsistence  National  International

Other purpose:

### Primary forms removed from the wild

1. Whole animal/plant  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:

Not traded

Trend in wild offtake/harvest in relation to total wild population numbers over last five years:

Unknown

Trend in offtake/harvest produced through domestication/cultivation over last five years:

Unknown

CITES: Not listed

## Red Listing

Red List Assessment: Endangered (EN)

Possibly Extinct

Red List Criteria: B2ab(ii,iii,iv)

### Rationale for the Red List Assessment:

P. alepidotus is found at three, possibly four locations (Cetina river basin and to the Livanjsko, Glamocko, and Grahovo Polje karsts), with a continuing decline in AOO due to water extraction, habitat quality due to agricultural pollution and introduced species and a decline in the number of

sub populations as the population in the Cetina river basin is thought to be now extinct.

**Current Population Trend:** Unknown

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

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

**Evaluator:** M. Mrakovcic & J. Freyhof

**Notes on Red listing:**

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### **Bibliography**

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