

Pseudophoxinus syriacus

Region: 1

Taxonomic Authority: (Lortet, 1883)

Synonyms:

Common Names:

Order: Cypriniformes

Family: Cyprinidae

Notes on taxonomy: Initially recorded as Phoxinellus libani. Should be Pseudophoxinus syriacus (N. Bogutskaya, pers. comm.).
NOTE: FishBase record Phoxinellus syriacus as a synonym of Pseudophoxinus kervillei (Pellegrin, 1911).

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

This species is restricted to the Litani river basin in Lebanon.

Habitat and Ecology Information:

Occurs in rivers, but in slow moving or still water.

Conservation Measures:

None known to be in place.

Threats:

Water extraction, and the introduction of exotic fish species (Gambusia and Tilapia) are the main threats. Habitat destruction (canalization). The area is urbanized and the river water is utilised by the human population.

Species population information:

In the late 1980s, the population appeared to be stable.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Lebanon	<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
5.2	Wetlands (inland) - Seasonal/Intermittent/Irregular Rivers/Streams/Creeks	1
5.5	Wetlands (inland) - Permanent Freshwater Lakes (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"/>	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"/>	3.2	Population numbers and range	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.3.6	Groundwater extraction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.3	Biology and Ecology	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Invasive alien species (directly affecting the species)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.4	Habitat status	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.2	Predators	<input checked="" 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"/>
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"/>				

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: Critically Endangered (CR) Possibly Extinct

Red List Criteria: B2ab(iii,v)

Rationale for the Red List Assessment: The species is restricted to one river (Litani River, Ba'albek Valley) in Lebanon. The main threat to the species is human utilization of the river water (pollution, extraction) and alien invasive predatory species. Known area of occupancy is less than 10 km². Assessed as Critically Endangered.

Current Population Trend: Decreasing

Date of Assessment: 16/12/2004

Assessor(s): N. Bogutskaya

Evaluator: M. Goren

Notes on Red listing:

Bibliography

El Zein, G., 2003, L'ichtyofaune du lac de Karaoun dans le bassin supérieur du Litani au Liban., *Cybiu*, , , 27, 74-75, ,