

Pseudophoxinus battalgili

Taxonomic Authority: Bogutskaya, 1997

Synonyms:

Region: 1

Common Names:

Order: Cypriniformes

Family: Cyprinidae

Notes on taxonomy:

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

This species is restricted to the Lake Beysehir, in Central Anatolia, Turkey.

Habitat and Ecology Information:

A lacustrine species, but currently mainly occurs in springs rather than in the lake itself.

Conservation Measures:

Occurs in a protected area.

Threats:

In Beysehir Lake, the water is not polluted. However, there are introduced *Stizostedion lucioperca* in the lake and associated tributaries. Sander is a predatory fish.

Species population information:

No data available on population size. However, predation from introduced Zander is a problem and if the species does still occur in the lake the population is likely to be small and declining.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Turkey	<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
2	Invasive alien species (directly affecting the species)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.2	Predators	<input checked="" type="checkbox"/>	<input checked="" 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"/>
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: Endangered (EN) Possibly Extinct

Red List Criteria: B2ab(ii,v)

Rationale for the Red List Assessment: Restricted to the Lake Beysehir area. The total area of the lake is 718 km², however, the species occurs only in tributaries around the lake. Therefore, area of occupancy is estimated at less than 500 km². The main threat to the species is predation from the introduced Zander. No data available on population size, but population is believed to be declining because of predation pressure from this species. Assessed as Endangered.

Current Population Trend: Decreasing

Date of Assessment: 16/12/2004

Assessor(s): A.J. Crivelli

Evaluator: F. Erk'akan & A. Karatash

Notes on Red listing:

Bibliography

- Bogutskaya, N.G., 1997, Contribution to the knowledge of leuciscine fishes of Asia Minor. Part. 2. An annotated check-list of leuciscine fishes (Leuciscinae, Cyprinidae) of Turkey, with descriptions of a new species and two new subspecies., Mitt. Hamb. Zool. Mus. Inst., , 94, 161-186, ,
- Hrbek, T., Stölting, K.N., Bardakci, F., Küçük, F., Wildekamp, R.H. & Meyer, A., 2004, Plate tectonics and biogeographical patterns of the Pseudophoxinus (Pisces: Cypriniformes) species complex of central Anatolia, Turkey., Molecular Phylogenetics and Evolution, , 32, 297-308, ,