

# Nemacheilus pantheroides

Region: 1

Taxonomic Authority: Banarescu, Nalbent & Goren, 1982

Synonyms:

Common Names:

Order: Cypriniformes

Family: Balitoridae

Notes on taxonomy: Initially included in Nemacheilus insignis, but valid as a separate species (M. Goren, pers. comm.).

## General Information

Biome  Terrestrial  Freshwater  Marine

### Geographic Range of species:

Restricted to the Jordan river basin. Only known from one area: Golan and upper Galilee.

### Habitat and Ecology Information:

A riverine species occurring on stony and soft bed substrates.

### Conservation Measures:

None known to be in place.

### Threats:

Pollution, water extraction, and habitat destruction are the main threats.

### Species population information:

Decreasing.

## Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Israel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Syrian Arab Republic	<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

## 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"/>
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 checked="" 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: Not listed

## Red Listing

Red List Assessment: Endangered (EN)  Possibly Extinct

Red List Criteria: A2a; B1ab(ii,iii,v)+2ab(ii,iii,v)

Rationale for the Red List Assessment: More than 50% population decline observed over the last 10 years. Extent of occurrence is less than 100 km<sup>2</sup> and area of occupancy less than 10 km<sup>2</sup>, but within this range, the population occurs in 2-5 locations. Pollution, water extraction and habitat loss are ongoing.

Current Population Trend: Decreasing

Date of Assessment: 16/12/2004

Assessor(s): M. Goren

Evaluator: N. Bogutskaya, A. Karatash & F. Erk'akan

Notes on Red listing:

## Bibliography

Goren, M., 2003, Fishes., , Endangered species in Israel – Red list of threatened animals., Dolev, A. & A. Pervelozky, , 39-52, Keter publications Jerusalem (Hebrew).,  
Goren, M., unpub, , , , , , ,