

# Nemacheilus dori

Taxonomic Authority: Banarescu, Nalbent & Goren, 1982

Synonyms:

Region: 1

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 1 location: Bet Sh'an Valley.

### Habitat and Ecology Information:

A riverine species occurring on stony and soft bed substrates.

### Conservation Measures:

The population occurs within a small nature reserve.

### Threats:

Small population size and restricted range.

### Species population information:

Very small population.

## 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"/>

## Upper Level Habitat Preferences

5.1 Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls)

Score

1

## Lower Level Habitat Preferences

Score

## Major threats

Code	Description of threat	Past	Present	Future
1	Habitat Loss/Degradation (human induced)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.4	Infrastructure development	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.4.4	Transport - land/air	<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"/>
9.5	Low densities	<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: Critically Endangered (CR)  Possibly Extinct

Red List Criteria: A3c

**Rationale for the Red List Assessment:** Known from one location. Very small population size (fewer than 250 mature individuals), but the population is currently stable. The range is restricted and is vulnerable to habitat loss and degradation. Area of occupancy is certainly less than 10 km<sup>2</sup> (less than 100 m<sup>2</sup>). But there is no continuing decline at present: the population is currently stable and the site, although very small, is within a reserve. However, there are plans to construct a road alongside the reserve and it is believed that this is a potential threat to the population. It is very probable that the population will decline by at least 80% within the next 10 years through such future threats to the habitat.

Current Population Trend: Stable

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),.