Nun galilaeus

Region: 1

Taxonomic Authority: (Günther, 1864)

Synonyms:

Nemacheilus galilaeus (Günther, 1864)

Common Names:

Order: Cypriniformes **Family:** Balitoridae

Notes on taxonomy: Initially recorded as Nemacheilus galilaeus. Valid as Nun galilaeus (M. Goren, pers. comm.).

General Information

Biome ☐ Terrestrial ☑ Freshwater ☐ Marine

Geographic Range of species:

This species is known only from two freshwater lakes in the Jordan River basin: Lake Hula in Israel and Lake Muzairib in Syria (this may be a misidentification). It's occurrence was also recorded in Lake Kinneret, but this may also be a misidentification (M. Goren, pers. comm.). It is considered as extinct in Israel. Population status in Syria (if it occurred here) is not known.

Habitat and Ecology Information:

A lacustrine species.

Conservation Measures:

None known to be in place.

Threats:

Drainage of Lake Hula resulted in the loss of the species from Israel.

Species population information:

Extinct in Israel; not known in Syria.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Israel	☑	☐	☐	☐	☐	☐
Syrian Arab Republic	☑	☐	☐	☐	☐	☐

Upper Level Habitat Preferences

		Score
5.4	Wetlands (inland) - Bogs, Marshes, Swamps, Fens, Peatlands	1
5.5	Wetlands (inland) - Permanent Freshwater Lakes (over 8ha)	1

Lower Level Habitat Preferences

Score

Major threats

Code	Description of threat	Past	Present	Future
1	Habitat Loss/Degradation (human induced)	☑	☑	☑
1.3	Extraction	☑	☑	☑
1.3.6	Groundwater extraction	☑	☑	☑
6	Pollution (affecting habitat and/or species)	☐	☑	☑
6.3	Water pollution	☐	☑	☑
6.3.1	Agriculture	☐	☑	☑
7	Natural disasters	☐	☑	☑
7.1	Drought	☐	☑	☑
9	Intrinsic factors	☑	☑	☑
9.1	Limited dispersal	☑	☑	☑
9.9	Restricted range	☑	☑	☑

Conservation Measures

Code	Conservation measures	In place	Needed
1	Policy-based actions	☐	☑
1.2	Legislation	☐	☑
1.2.1	Development	☐	☑
1.2.1.2	National level	☐	☑
1.2.2	Implementation	☐	☑
1.2.2.2	National level	☐	☑
3	Research actions	☑	☑
3.1	Taxonomy	☑	☐
3.2	Population numbers and range	☐	☑
3.3	Biology and Ecology	☐	☑
3.4	Habitat status	☐	☑
3.5	Threats	☐	☑
3.8	Conservation measures	☐	☑
3.9	Trends/Monitoring	☐	☑
4	Habitat and site-based actions	☐	☑
4.1	Maintenance/Conservation	☐	☑

Utilisation of Species

Purpose/Type of Use	Subsistence	National	International	*Other purpose:*
				Not used

	100%	>75%	51-75%	26-50%	<25%	
Primary forms removed from the wild						***Other forms removed from the wild:***
Source of specimens in commercial trade						***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: Data Deficient (DD) ☑ Possibly Extinct

Red List Criteria:

Rationale for the Red List Assessment: This species was known from Lake Hula, Israel which has now been drained. It was also recorded as abundant in Lake Muzairib in Syria twenty years ago, but this may have been a misidentification. The species is extinct in Israel. If it occurs at all in Syria, the population status is not known. May now be extinct. Given the lack of data from Syria, this is assessed as Data Deficient.

Current Population Trend: Unknown **Date of Assessment:** 16/12/2004

Assessor(s): M. Goren

Evaluator: N. Bogutskaya

Notes on Red listing:

Bibliography

Krupp, F. & Schneider, W., 1989, The fishes of the Jordan river drainage basin and the Azraq Oasis., Fauna of Saudi Arabia, , , 10, 347-416, ,

Goren, M. & Ortal, R., 1999, Biogeography, diversity and conservation of the inland water fish communities in Israel., Biological Conservation, , , 89, 1-9, ,