

Acanthobrama terraesanctae

Taxonomic Authority: Steinitz, 1952

Synonyms:

Mirogrex terraesanctae (Steinitz, 1952)

Order: Cypriniformes

Notes on taxonomy:

Region: 1

Common Names:

Family: Cyprinidae

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

This species is restricted to the Lake Kinneret (Tiberias) in Israel.

Habitat and Ecology Information:

This pelagic, lacustrine species is small (less than 250 total length). Its spawning season last six months and peak in winter (January-February). It spawns in the shallow littoral zone on algae free-stones. Breeding success depends on the extent of rise of water level in winter. It is a zooplankton feeder. It is a fishery species.

Conservation Measures:

None known to be in place.

Threats:

No serious threats known at present.

Species population information:

A very abundant species.

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

Score

5.5 Wetlands (inland) - Permanent Freshwater Lakes (over 8ha) 1

Lower Level Habitat Preferences

Score

Major threats

Code	Description of threat
13	None

Past	Present	Future
<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 type="checkbox"/>
3.3	Biology and Ecology	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Utilisation of Species

Purpose/Type of Use

1. Food - human

Subsistence

National

International

Other purpose:

up to 1,000 tons per year

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:

Unknown

Trend in offtake/harvest produced through domestication/cultivation over last five years:

Unknown

CITES: Not listed

Red Listing

Red List Assessment: Least Concern (LC)

Possibly Extinct

Red List Criteria:

Rationale for the Red List Assessment: This is a very abundant species that is regularly fished and the fishery is under control. No serious threats are known at present and the species is assessed as Least Concern.

Current Population Trend: Stable

Date of Assessment: 13/12/2004

Assessor(s): A.J. Crivelli

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

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, ,
- Landau, R., 1991, Mirogrex terraesanctae (Cyprinidae) of Lake Kinneret: biomass changes in relation to inflow; growth rate in relation to fish/zooplankton interaction., Hydrobiologia, , , 218, 1-14, ,
- Ostrovsky, I. & Walline, P., 1999, Growth and production of the dominant pelagic fish Acanthobrama terraesanctae, in subtropical Lake Kinneret, Israel., Journal of Fish Biology, , , 54, 18-32, ,
- Gafny, S., Gasith, A. & Goren, M., 1992, Effect of water level fluctuation on shore spawning of Mirogrex terraesanctae (Steinitz), (Cyprinidae) in Lake Kinneret, Israel., Journal of Fish Biology, , , 41, 863-871, ,