Sabanejewia larvata

Region: 1

Taxonomic Authority: (De Filippi, 1859)

Synonyms:

Common Names:

Order: Cypriniformes

Family: Cyprinidae

Notes on taxonomy:

General Information

Biome ☐ Terrestrial ☑ Freshwater ☐ Marine

Geographic Range of species:

Restricted to the Padua-Venetian region in northern Italy. The detailed distribution still unknown. Transplanted into Lake Trasimeno and the Tiber and Ombrone river basins.

Habitat and Ecology Information:

Lives in standing and running waters in the lowland and hill zones with sand or mud substrates rich in vegetation. Also found in drainage channels.
The breeding season occurrs from May to July. Females are larger than males but sexual dimorphism in size is not so evident as in the spined loach, Cobitis taenia with which S. larvata often occurs sympatrically.

Conservation Measures:

None.

Threats:

Habitat destruction and water pollution.

Species population information:

Reportedly decreasing but has probably been overlooked in surveys.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Italy	☑	☐	☐	☐	☑	☐

Upper Level Habitat Preferences

Score

Lower Level Habitat Preferences

Score

Major threats

Code	Description of threat	Past	Present	Future
1	Habitat Loss/Degradation (human induced)	☑	☑	☑
1.4	Infrastructure development	☑	☑	☑
1.4.6	Dams	☑	☑	☑
2	Invasive alien species (directly affecting the species)	☑	☑	☑
6	Pollution (affecting habitat and/or species)	☑	☑	☑
6.3	Water pollution	☑	☑	☑
9	Intrinsic factors	☑	☑	☑
9.1	Limited dispersal	☑	☑	☑

Conservation Measures

Code	Conservation measures	In place	Needed
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	☐	☑

Utilisation of Species

Purpose/Type of Use	Subsistence	National	International	*Other purpose:*
1. Food - human	☑	☐	☐	Fishing bait and local consumption

Primary forms removed from the wild	100%	>75%	51-75%	26-50%	<25%	*Other forms removed from the wild:*
1. Whole animal/plant	☑	☐	☐	☐	☐	

Source of specimens in commercial trade	100%	>75%	51-75%	26-50%	<25%	*Other source of specimens:*
Wild	☑	☐	☐	☐	☐	

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 widely distributed species for which there is no evidence of decline and which is more widely distributed than previously though.

Current Population Trend: Unknown

Date of Assessment: 31/10/2004

Assessor(s): A.J. Crivelli

Evaluator: Bianco, G. & Kottelat, M.

Notes on Red listing:

Bibliography

Bianco, P.G., 1995, Mediterranean endemic freshwater fishes of Italy., Biological Conservation, , , 72, 159-170, ,

Kottelat, M., 1997, European freshwater fishes, Biologia, Bratislava, , , 52/ Supplement 5, 1-271, ,

Perdices, E., Doadrio, I., Economidis, P.S. & Banarescu, P., 2003, Pleistocene effects on the European freshwater fish fauna: double origin of the cobitid genus Sabanejewia in the Danube basin (Osteichthyes: Cobitidae)., Molecular Phylogenetics and Evolution, , , 26, 289-299, ,
Rasotto, M.B., Marconato, A., Comuzzi, M. & Cardellini, P., 1990, Observations on the biology of the masked loach, Sabanejewia larvata De Filippi (Pisces, Cobitidae)., Rivista di Idrobiologia., , , 29, 445-460, ,