

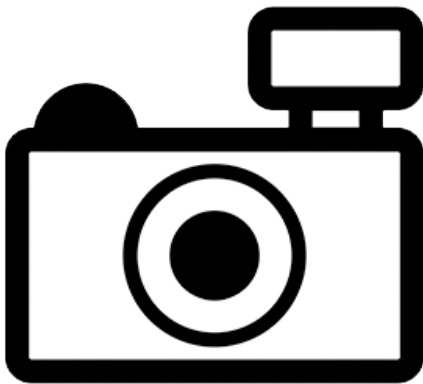
***Labeo udaipurensis* (a carp, no common name)**

Ecological Risk Screening Summary

U.S. Fish and Wildlife Service, March 2012

Revised, June 2018

Web Version, 8/1/2018



No Photo Available

1 Native Range and Status in the United States

Native Range

From Froese and Pauly (2018):

“Asia: Udaipur, Rajasthan in India.”

Status in the United States

No information found, does not appear to be in the aquarium trade.

Means of Introductions in the United States

No known introductions.

2 Biology and Ecology

Taxonomic Hierarchy and Taxonomic Standing

From ITIS (2018):

“Kingdom Animalia
Subkingdom Bilateria
Infrakingdom Deuterostomia
Phylum Chordata
Subphylum Vertebrata
Infraphylum Gnathostomata
Superclass Actinopterygii
Class Teleostei
Superorder Ostariophysi
Order Cypriniformes
Superfamily Cyprinoidea
Family Cyprinidae
Genus *Labeo*
Species *Labeo udaipurensis* Tilak, 1968”

“Taxonomic status:

Current Standing: valid”

Size, Weight, and Age Range

No information available.

Environment

From Froese and Pauly (2018):

“Freshwater; benthopelagic.”

Climate/Range

From Froese and Pauly (2018):

“Tropical”

Distribution Outside the United States

Native

From Froese and Pauly (2018):

“Asia: Udaipur, Rajasthan in India.”

Introduced

No known introductions.

Means of Introduction Outside the United States

No known introductions.

Short Description

From Karmakar and Das (2005):

“Distinguishing Characters : Body elongate, its dorsal and ventral profile equally convex. Head 4.0 in standard length. Snout slightly projected beyond mouth. Eyes visible from underside of head, its diameter 4 times in head. Mouth inferior; lips thick, lower lip more fimbriated than upper; a small maxillary pair of barbels concealed under groove. Dorsal fin inserted nearer to tip of snout than caudal fin base. Lateral line with 50 scales; lateral transverse 7½.”

Biology

No information found.

Human Uses

No information found.

Diseases

No information found and no OIE reportable diseases.

Threat to Humans

From Froese and Pauly (2018):

“Harmless”

3 Impacts of Introductions

No known introductions.

4 Global Distribution

No georeferenced occurrences of this species have been reported (GBIF Secretariat 2017).

5 Distribution Within the United States

No occurrences documented in the United States.

6 Climate Matching

Summary of Climate Matching Analysis

The climate match (Sanders et al. 2018; 16 climate variables; Euclidean Distance) was low throughout the contiguous United States, reflected in a Climate 6 score of 0.000. Scores of 0.005

and below are classified as low match. The climate match was highest, but still low, along the U.S.-Mexico border.

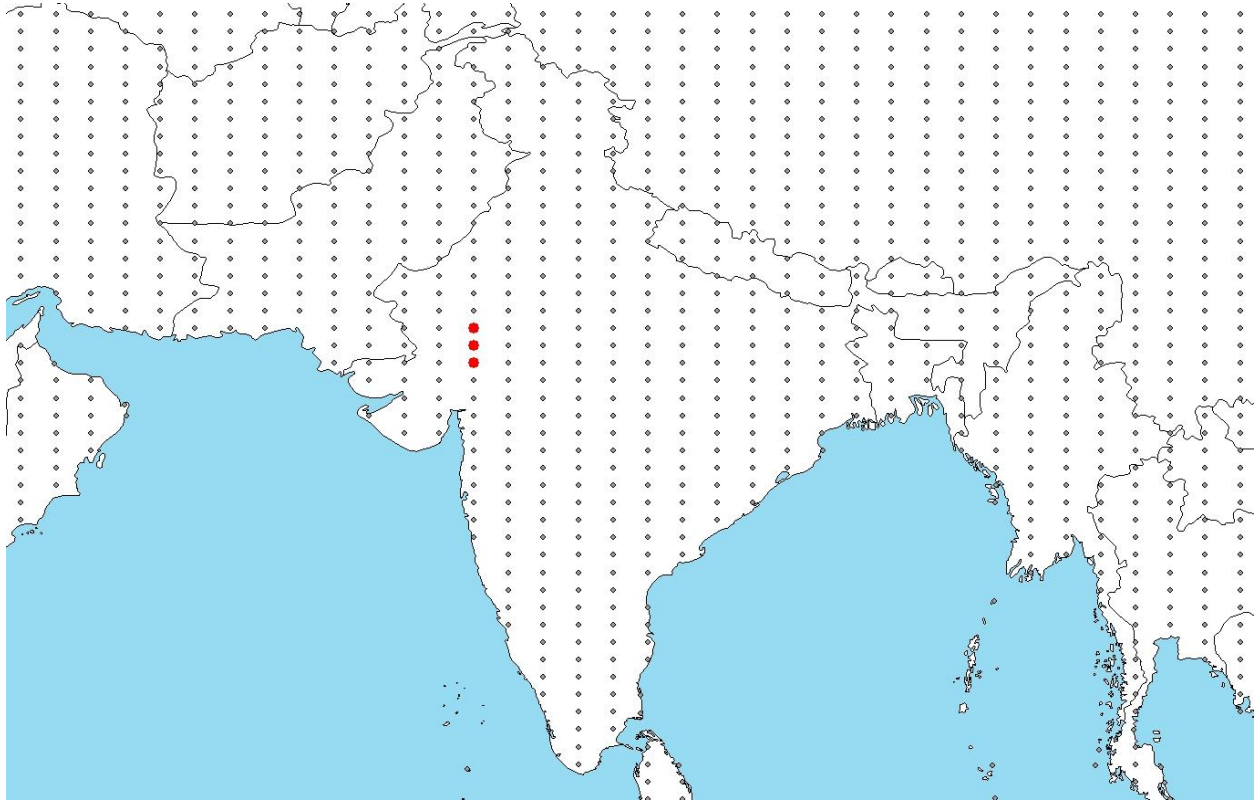


Figure 1. RAMP (Sanders et al. 2018) source map showing weather stations selected as source locations (red; India) and non-source locations (gray) for *Labeo udaipurensis* climate matching. Source locations estimated from verbal description of location in Froese and Pauly (2018).

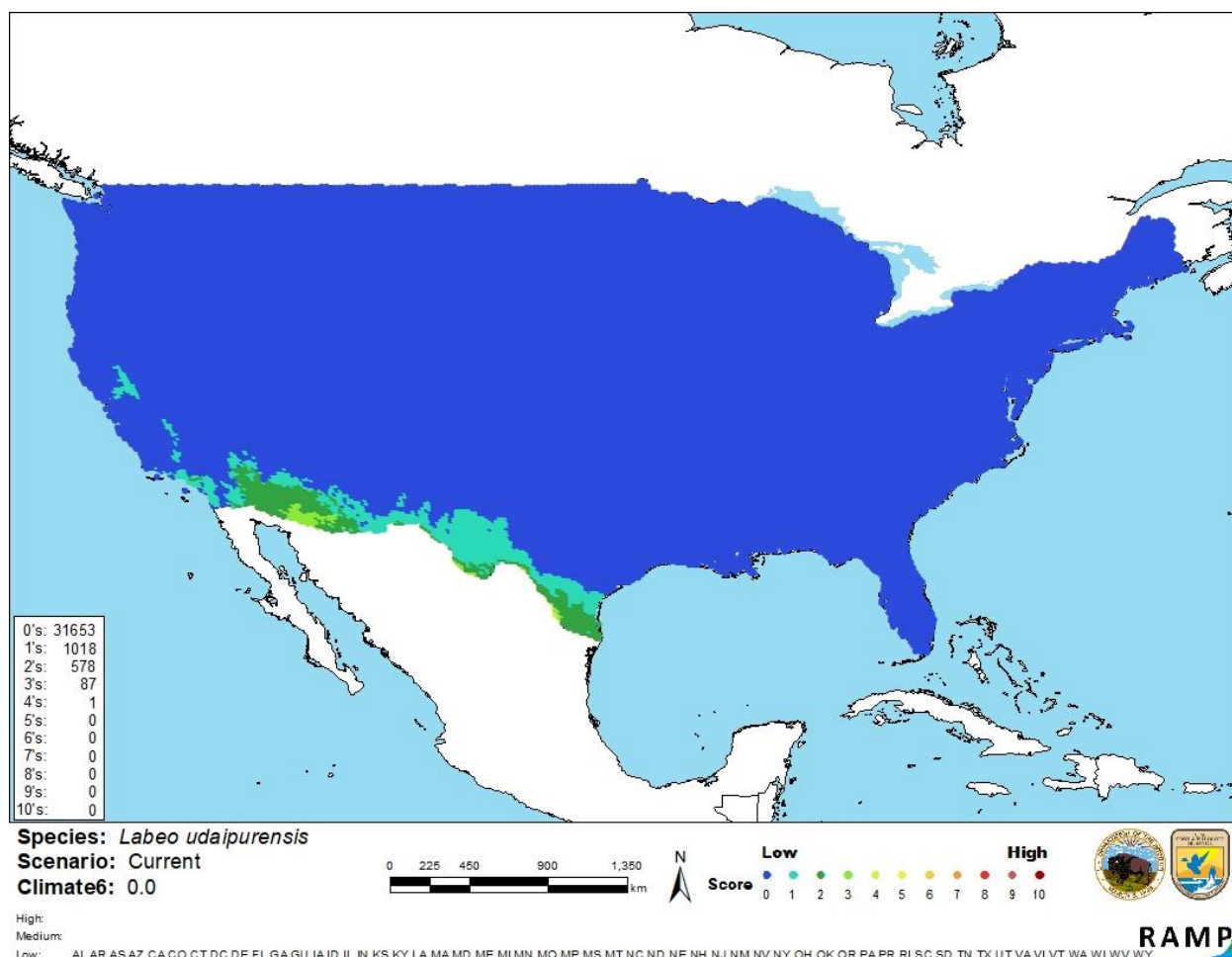


Figure 2. Map of RAMP (Sanders et al. 2018) climate matches for *Labeo udaipurensis* in the contiguous United States based on source locations reported by Froese and Pauly (2018). 0=Lowest match, 10=Highest match.

The “High”, “Medium”, and “Low” climate match categories are based on the following table:

Climate 6: Proportion of (Sum of Climate Scores 6-10) / (Sum of total Climate Scores)	Climate Match Category
$0.000 \leq X \leq 0.005$	Low
$0.005 < X < 0.103$	Medium
≥ 0.103	High

7 Certainty of Assessment

Very little information is available on the biology, ecology, or distribution of *Labeo udaipurensis*. This species has only been reported from Udaipur, India, and no georeferenced occurrences were available. No introductions have been reported, therefore no information is available on impacts of introductions. Certainty of this assessment is low.

8 Risk Assessment

Summary of Risk to the Contiguous United States

Labeo udaipurensis is a carp native to India. Climate match to the contiguous United States is low. No information is available on impacts of introduction because of a lack of introduction history. Certainty of assessment is low. Overall risk posed by *Labeo udaipurensis* to the contiguous United States is uncertain.

Assessment Elements

- **History of Invasiveness: Uncertain**
- **Climate Match: Low**
- **Certainty of Assessment: Low**
- **Overall Risk Assessment Category: Uncertain**

9 References

- Froese, R., and D. Pauly, editors. 2018. *Labeo udaipurensis* Tilak, 1968. FishBase. Available: <https://www.fishbase.de/summary/Labeo-udaipurensis.html>. (June 2018).
- GBIF Secretariat. 2017. GBIF backbone taxonomy: *Labeo udaipurensis* Tilak, 1968. Global Biodiversity Information Facility, Copenhagen. Available: <https://www.gbif.org/species/5206078>. (June 2018).
- ITIS (Integrated Taxonomic Information System). 2018. *Labeo udaipurensis* Tilak, 1968. Integrated Taxonomic Information System, Reston, Virginia. Available: https://itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=689347#null. (June 2018).
- Karmakar, A. K., and A. Das. 2005. Endemic freshwater fishes of India. Records of the Zoological Survey India. Occasional Paper no. 230.
- Sanders, S., C. Castiglione, and M. H. Hoff. 2018. Risk Assessment Mapping Program: RAMP, version 3.1. U.S. Fish and Wildlife Service.