

Photo not available

Freshwater Invertebrates

Aquatic Limpet

Ferrissia sharpi

SPECIES STATUS:
IUCN Red List – Not considered
Endemic

SPECIES INFORMATION: Endemic status is a bit questionable as this species may be the same as other Pacific *Ferrissia*. Little else is known about its biology. It is likely an herbivore.

DISTRIBUTION: Streams on Kaua'i and O'ahu.

ABUNDANCE: Unknown. No formal monitoring program or abundance data appear to exist.

LOCATION AND CONDITION OF KEY HABITAT: Unknown.

THREATS: None identified, though pollution and stream alterations may have affected them.

CONSERVATION ACTIONS: The goals of conservation actions are to not only protect current populations, but to also establish further populations to reduce the risk of extinction. In addition to common statewide and island conservation actions, specific actions include:

- Work to clean streams with significant pollution;
- Improve altered or diverted streams;
 - Modify or remove gratings or diversions to allow for instream passage;
 - Restore riparian vegetation to help decrease instream heating and reduce sediment loads.
- Continue developing GIS database and making it web-accessible;
- Collaborate with the Commission on Water Resources Management and the Land Board to ensure adequate Instream Flow and biological integrity of riparian areas;
- Continue on-going partnerships focused on environmental education and conservation and expand partnerships with other Pacific Islands agencies;
- Restoration of habitat.

MONITORING:

- Establish survey schedule to determine population size and distribution.

RESEARCH PRIORITIES:

- Improve understanding of the life history of this snail and the factors that limit their abundance and distribution.

References:

Hawai'i Division of Aquatic Resources. Stream database.