

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: 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.