

## RESOURCES FOR LAMPREY CONSERVATION & RESTORATION SALMONID RESTORATION FEDERATION WORKSHOP – APRIL 26, 2023

### Pacific Lamprey Conservation Initiative (PLCI) <https://www.pacificlamprey.org/>

The Pacific Lamprey Conservation Initiative (PLCI) is a collaboration of Native American tribes, federal, state, municipal and local agencies, and non-governmental organizations working to achieve long-term persistence of Pacific Lamprey, their habitats, and support their traditional tribal use throughout their historical range spanning the West Coast of North America.

The PLCI website has a wealth of information, including:

- **Assessments** of Pacific Lamprey habitat conditions, population demographics, distribution, and threats – including California.
- Description of “**Regional Management Units**” (RMUs) for the purpose of implementing conservation actions in different regions – including different parts of California.
- **Regional Implementation Plans** that identify, prioritize, and implement key conservation actions with the goal of restoring Pacific Lamprey.
- **Lamprey Technical Workgroup** contacts and materials (see below)

### Lamprey Technical Workgroup (LTWG) <https://www.pacificlamprey.org/ltwg/>

The Lamprey Technical Workgroup (LTWG), the technical advisory committee of the Pacific Lamprey Conservation Initiative (PLCI), is a large, diverse, active committee with members representing a variety of organizations from across PLCI’s geographic range. The LTWG—which includes numerous topical Subgroups—receives technical questions on topics affecting lamprey from PLCI’s various committees, provides technical support to the RMUs, and may respond to requests for technical input and expertise from outside entities.

#### LTWG Subgroups:

- Adult Passage & Engineering
- Barriers to Tidal Connectivity
- The Juvenile Entrainment, Dredging, and Dewatering Investigations (JEDDI)
- Tagging
- Contaminants
- Genetics & eDNA
- Lamprey Aquaculture Network
- Other Lamprey Species Anadromous and Resident (SOLAR)
- Abundance Based Goals
- Restoration
- Outreach

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## Key reference documents available on LTWG website:

- *Comparison of Pacific Lamprey and Pacific Salmon Life Histories, Habitat and Ecology* (LTWG 2023)
- *Best Management Guidelines for Native Lampreys During In-Water Work* (LTWG 2020)
- *Pacific Lamprey Habitat Restoration Guide* (Methow Salmon Recovery Foundation 2015)
- *Monitoring and Minimizing the Effects of Dredging on Lampreys* (LTWG 2021)
- *Barriers to Adult Pacific Lamprey at Road Crossings: Guidelines for Evaluating and Providing Passages* (LTWG 2020)
- *Practical Guidelines for Incorporating Adult Pacific Lamprey Passage at Fishways* (LTWG 2022)
- *Review of Factors Affecting Larval and Juvenile Lamprey Entrainment and Impingement at Fish Screen Facilities* (LTWG 2022)
- *Overview of eDNA and Applications for Research and Monitoring of Lampreys* (LTWG 2021)

## Species Identification

- *Lampreys of the Central California Coast: Field ID Key* (Reid 2012)
  - Contact: Stewart Reid ([westernfishes@ashlandcreek.net](mailto:westernfishes@ashlandcreek.net))
- *Columbia Basin Lamprey Identification Guide* (YNF 2017)
  - Available on LTWG website

## Funding Specific to Pacific Lamprey Conservation and Research

- National Fish Habitat Partnership (NFHP)
  - <https://www.pacificlamprey.org/funding/>

