



PACIFIC LAMPREY CONSERVATION INITIATIVE

Pacific Lamprey in Decline

Pacific Lamprey (*Entosphenus tridentatus*) are part of an ancient group of fishes that have been around for ~400 million years. Like salmon, this resilient native species historically returned to Pacific rivers and streams to spawn in large numbers. Currently, Pacific Lamprey populations are a fraction of what they once were.

Threats to Pacific Lamprey

- Barriers to ocean migration and upstream spawning
- Reduced stream flow & stream degradation
- Predation by invasive species
- Degraded water quality
- Changing marine and climate conditions
- Lack of awareness

Cultural Significance

Pacific Lamprey are vitally important to Indigenous people throughout their range and play key cultural and ecological roles in these communities and ecosystems.

Considered an important first food for many tribal communities, Pacific Lamprey are prized for their rich, fatty meat and appreciated as a medicinal and nourishing resource.

Pacific Lamprey Conservation Initiative

The Pacific Lamprey Conservation Initiative (PLCI) is a collaboration of Native American tribes, federal, state, municipal agencies and non-profits working together to achieve long-term persistence of Pacific Lamprey, their habitats, and their tribal uses across their historical range.



5 STATES

in the historic range of Pacific Lamprey (WA, OR, ID, CA and AK) are covered in the Lamprey Assessment.



38 SIGNATORIES

and 16 supporting partners support the 2022 Lamprey Conservation Agreement, originally signed in 2012 and updated every 5 years.



18 REGIONAL MANAGEMENT UNITS

produce Regional Implementation Plans to advance goals in alignment with the Lamprey Conservation Agreement.



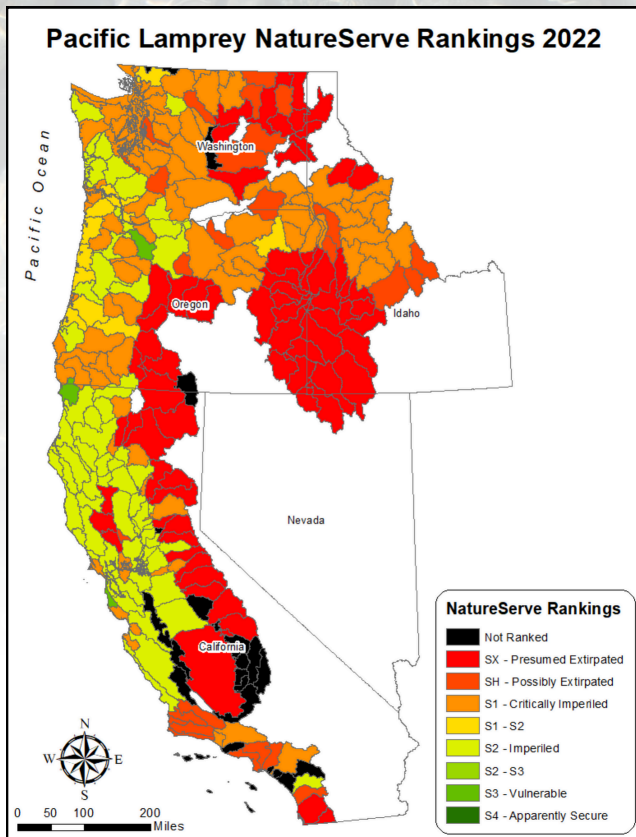
PLCI is one of 20 nationally recognized fish habitat partnerships in the United States in the National Fish Habitat Partnership (NFHP). Learn more about PLCI and the work of NFHP and the other Fish Habitat Partnerships at www.pacificlamprey.org

Pacific Lamprey Conservation Initiative

Policy and Legislative Needs for this Important Species

Pacific Lamprey Assessment

Every five years PLCI and its partners evaluate Pacific Lamprey habitat conditions, population and threats. This information is used to inform NatureServe, which characterizes conservation risks of Pacific Lamprey across their historical range.



Progress in Conservation

PLCI partners are working together to reduce the impact of threats to Pacific Lamprey. They are removing migration barriers and making fish ladders more lamprey friendly. They are working with habitat restoration practitioners to make sure lamprey habitat requirements are incorporated. They are educating diverse audiences about the cultural and ecological importance of native lamprey species.

Pacific Lamprey Policy Actions

Because Pacific Lamprey is a “non-game” species that is not understood by many Americans, funding for restoration and research of this species is limited. Dedicated funding sources are essential to bolster the capacity of organizations to further education and outreach needs, address threats to the species, and fill the biological and conservation knowledge gaps. The complex lifecycle of Pacific Lamprey across both marine and freshwater systems means that funding for lamprey restoration and conservation will also indirectly support the ecosystems that this species inhabits.

