Pacific Lamprey Conservation Initiative Web Resources

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www.fws.gov/pacificlamprey

www.tinyurl.com/PacificlampreyStoryMap

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Website Homepage

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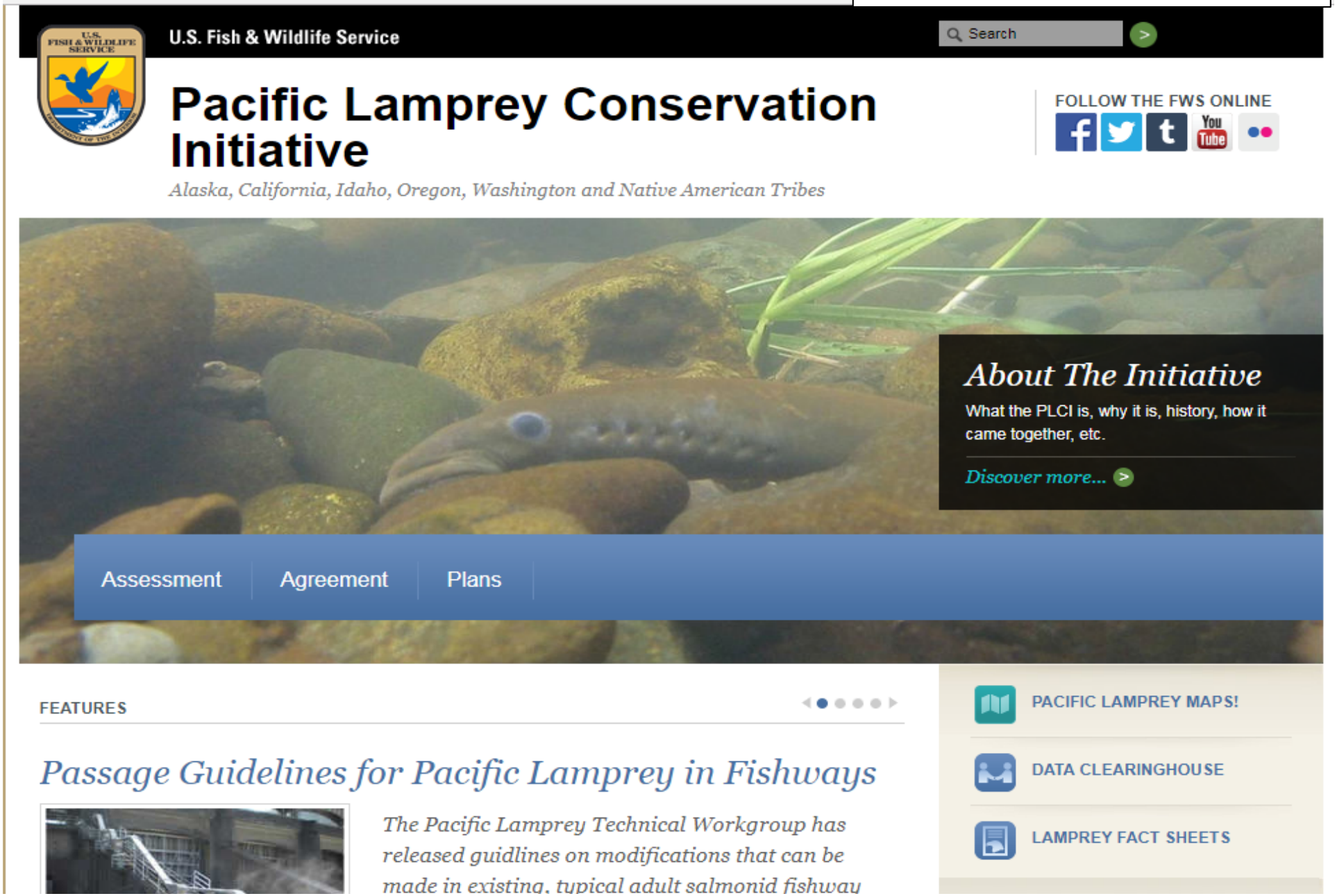

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Pacific Lamprey Assessment and Template for Conservation Measures

This Assessment; identifies critical uncertanties regarding lamprey life history; tracks current knowledge of habitat requiriements, abundance, distribution; describes threats and factors for decline;and identifies conservation actions.

Key Conclusions:

-- There is a regionwide decline in abundance and distribution of Pacific Lamprey.

-- Threats include passage barriers, streamflow management, stream and floodplain degredation and reduced water quality.

Assessment and Template

been on earth for 450 million years!

Learn More

Pacific Lamprey Assessment and Template for Conservation Measures in California

Because Pacific Lamprey are widely distributed across a large area, the approach for the California Assessment has been to divide the assessment into sub-regional components.

Assessment and Template for CA

Data Clearinghouse - USGS ScienceBase

The goal of this project is to enable and enlist our partners to address information needs identified in the Pacific Lamprey Conservation Agreement to promote Pacific Lamprey conservation. This will be accomplished by: 1) collaboratively collecting occupancy and distribution data; and 2) providing a Pacific Lamprey data clearinghouse for all partners.

Data Clearinghouse webpage

Partner Assessments for Pacific Lamprey

Several partners have worked to create pacific lamprey assessments outside of the initiative process. These important documents supplement the analysis conducted for the assessment listed above.

View additional Partner Assessments

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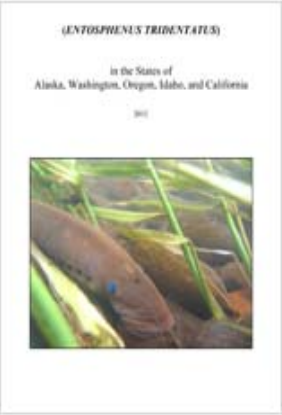
The Pacific Lamprey ***Conservation Agreement*** represents a cooperative effort among natural resource agencies and tribes to reduce threats to Pacific Lamprey and improve their habitats and population status.

Pacific lamprey species status
Lamprey education and outreach
The Lost Fish (Video)
The National Fish Habitat Partnership

The Conservation Agreement



Conservation Agreement cooperative efforts will:

a) develop Regional Implementation Plans (RIPs) derived from existing information and relevant planning documents;
b) implement conservation actions;
c) promote scientific research;
d) monitor and evaluate the effectiveness of those actions.

View the Conservation Agreement

Older Than Dinosaurs

The Pacific lamprey is commonly known as the "ancient fish". Based on lamprey fossil records, lamprey have been on earth for 450 million years!

Learn More

Conservation Agreement Addendum

Modifications to the Conservation Agreement must be mutually agreed upon by all signatories, and all changes shall be executed in writing as an addendum to the original Agreement.

View the Conservation Agreement Addendom

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Interim Operating Guidelines

Implementation

of the Conservation Agreement for Pacific Lamprey
in the States of
Alaska, Washington, Oregon, Idaho and California

Interim Operating Guidelines

May 7, 2015

The Guldelines help facilitate funding decisions for priority, unfunded lamprey actions. Guideline processes are comprised of four basic parts:

1) Regional Management Unit (RMU) Groups develop and periodically update a list of potential restoration or research, monitoring, and evaluaion actions;

2) RMU Groups develop and periodically update RIPs that advance priority actions and provide a clear, but concise rationale for their implementation;

3) The Conservation Team (CT) evaluates RIPs to ensure implementation proceeds fcoordination and consultation among all affected and relevant parties, and;

4) The CT provides the RMU recommendations to the Policy Committee to support identification and development of the necessary funding to implement these actions.

View the Agreement's Interim Operating Guidelines

Conservation Agreement Committees

The Conservation Agreement includes several committees comprised of Agreement signatories, interested Sovereigns, or all interested stakeholders, depending on the committee's function. The Guidelines describe the primary function of each committee.

Learn More About the Conservation Agreement Committees

Regional Implementation Plans (R

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North Pacific Ocean Regional Management Unit

North Pacific Ocean Regional Unit Current RIP

California

California South Coast RIP

San Joaquin RIP

California South Central Coast RIP

Current California S.F. Bay RIP

California North Central Coast RIP

Sacramento RIP

California North Coast RIP

Idaho/Oregon/Washington

Oregon Coast RIP, North Coast Sub-Region

Oregon Coast RIP, South Coast Sub-Region

RIP Presentation

Past RIPs

Lower Columbia Sub-Unit Current RIP

RIP Presentation

Past RIPs

Willamette Sub-Unit Current RIP

RIP Presentation

DATA CLEARINGHOUSE

LAMPREY FACT SHEETS

Featured Topics

The Partnership

The Conservation Agreement

Assessment and Template

Regional Implementation Plans

Why Pacific Lamprey Matter to Columbia Basin Tribes

Strategic Habitat Conservation and Pacific Lamprey

Best Management Practices to Minimize Adverse Effects to Pacific Lamprey

RELATED PAGES

Pacific lamprey species status

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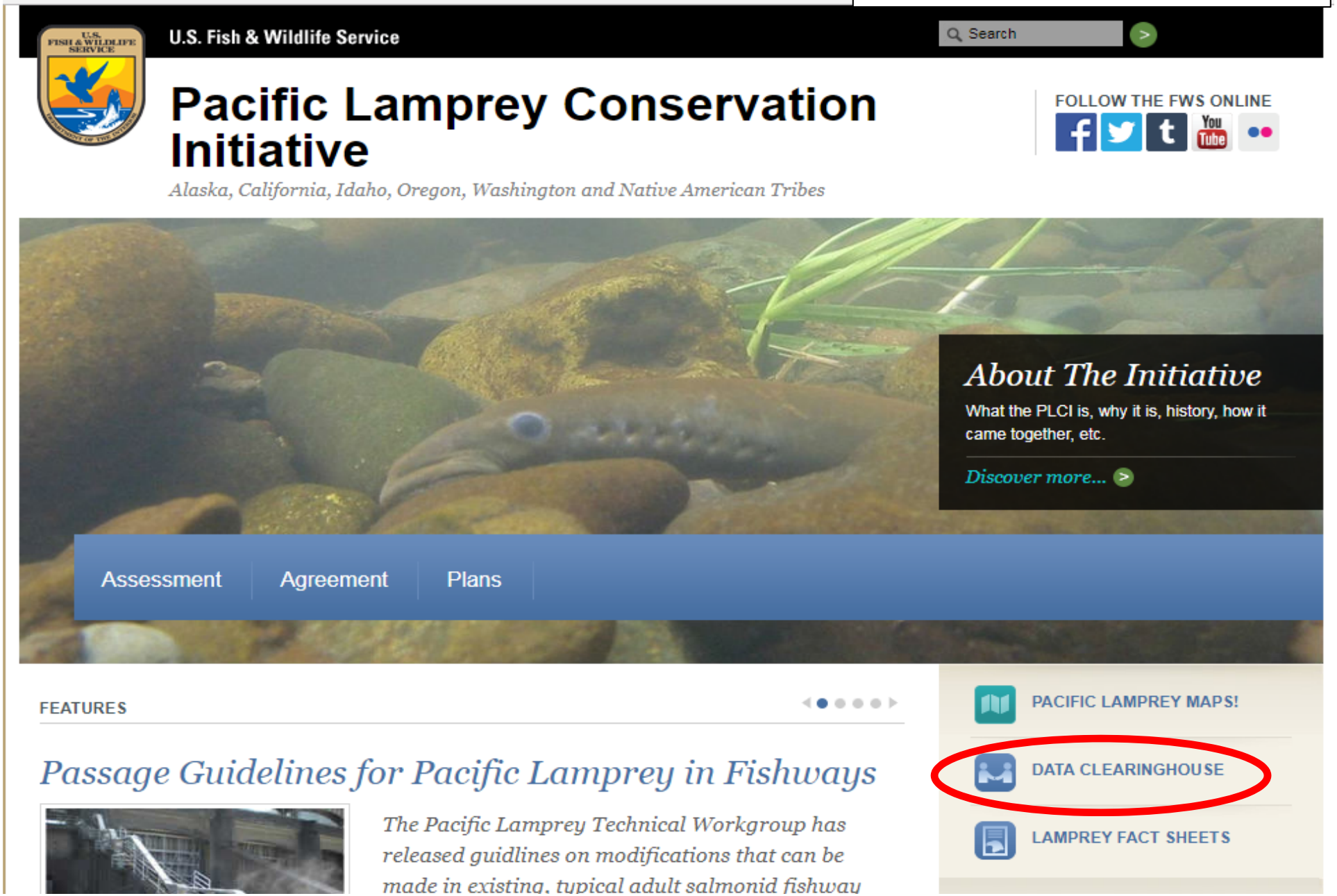

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ScienceBase Catalog → U.S. Fish and Wildlife Service → Pacific Region, Region 1 → Pacific Lamprey

Pacific Lamprey

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Summary

The goal of this project is to enable and enlist our partners to address information needs identified in the Pacific Lamprey Conservation Agreement to promote Pacific Lamprey conservation. This will be accomplished by: 1) collaboratively collecting occupancy and distribution data; and 2) providing a Pacific Lamprey data clearinghouse for all partners.

Map »

Child Items (17)

- Adult Passage
- Artificial Propagation
- Biology
- Climate Change
- Contaminants
- Distribution
  - *Pacific lamprey (Lampetra tridentata) distribution and status by HUC8*
  - *Pacific lamprey (Lampetra tridentata) distribution in California as of 2002*
  - Pacific Lamprey Known Observations and Distribution
  - Pacific Lamprey Nature Serve Rankings
  - *River lamprey (Lampetra ayresi) distribution and status by HUC8*
  - Sampling Techniques
- Dredging
- Genetics
- Habitat
- Habitat Restoration
- Identification
- Juvenile Passage/Entrainment
- Miscellaneous
- Ocean

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Associated Items

Associate an Item

Tags

Subject : Pacific Lamprey

Distribution Data

New data will be online soon!

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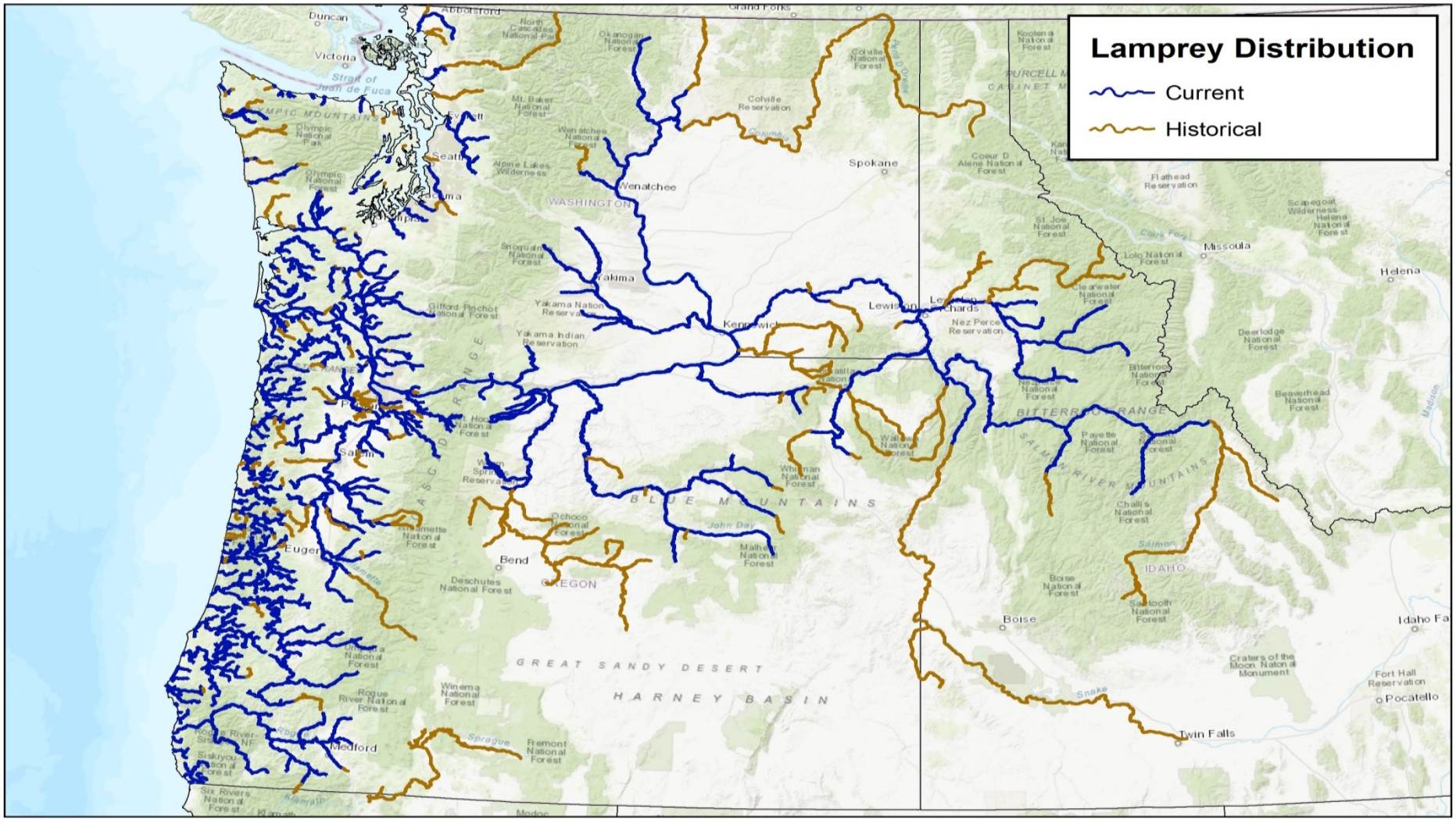
Current and Historic Known Distribution of Pacific Lamprey



Produced in the Columbia River Fish and Wildlife Conservation Office
Base Data: ESRI World Topo
Map Date: 9/1/2016

Pacific Lamprey Story Map

Outreach tool

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A story map

Pacific Lamprey

Scroll through the story map to learn more about Pacific Lamprey or click on a section below to jump to your area of interest:

Lamprey Biology
Importance
Threats
Distribution
Conservation Initiative
Conservation and Restoration Efforts
Lamprey Partnership
Links for additional information

Photo above and photo at right courtesy of Jeremy Monroe, Fresh Waters Illustrated.

Pacific Lamprey (*Entosphenus tridentatus*) are agnathan fish. Members of the agnatha class are primitive jawless fish, which

A story map

Edit ×

Pacific Lamprey

No issues detected ×

Distribution

Pacific Lamprey populations have declined or been locally extirpated in parts of California, Oregon, Washington, and Idaho, especially above dams and other barriers. In these states Pacific Lamprey have declined in distribution along all coastal streams and large rivers. Distribution and abundance data are limited throughout their range. Population status in British Columbia is unranked but may be secure. Status is unknown in Alaska. In Japan, Pacific Lamprey have been documented in river systems on Honshu and Hokkaido Islands.

Adult Pacific Lamprey. Photo: USFWS

*Not all streams in distribution visible at right. Click on the Regional Management Units (RMU) below to view distribution and dams within each RMU. Distribution data limited to Oregon, Washington, and Idaho.

Oregon Coast

Lower Columbia/Willamette

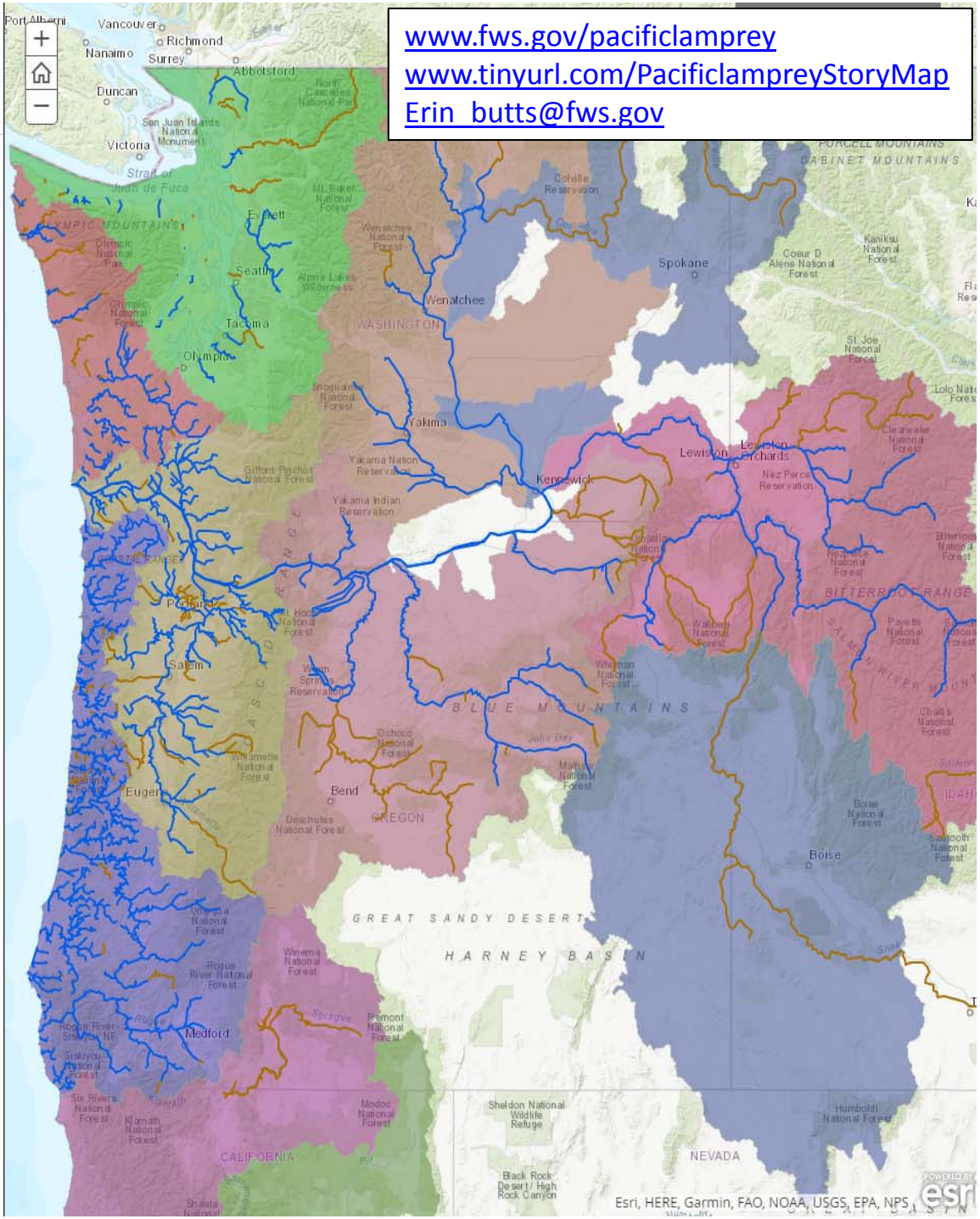
Mid-Columbia

Snake

Upper Columbia

Puget Sound/Strait of Juan de Fuca

Washington Coast



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Send me your lamprey data!

I have an excel template for data submission

Questions?