

# 4th Annual Lamprey Information Exchange Monthly Webinar Series



## Save the 2nd Tuesdays in 2021 for Lamprey!

*This year the Pacific Lamprey Conservation Initiative's (PLCI) 4th Annual Lamprey Information Exchange is going virtual! Join your fellow lamprey enthusiasts throughout the first six months of 2021, during PLCI's Lamprey Technical Workgroup monthly webinar series on the **second Tuesday** of each month from **11:00am - 1:00pm Pacific Time**.*

### 2021 Monthly Lamprey Information Exchange Webinar Series Schedule

*(speakers and session titles subject to change)*

#### March 9, 2021: *Juvenile Lamprey Migration & Passage*

- **Overview of Juvenile Lamprey Biology/Ecology.** Tyler Beals and Ralph Lampman, Yakama Nation Fisheries
- **Juvenile Pacific Lamprey Passage and Condition at John Day Dam.** Greg Kovalchuk, Pacific States Marine Fisheries Commission
- **Patterns of Juvenile Lamprey Outmigration: Insights from PIT-tagging and Screw Trap Collections in the Umatilla River.** Aaron Jackson, Confederated Tribes of the Umatilla Indian Reservation; Mary Moser, National Marine Fisheries Service
- **Acoustic Telemetry Studies of Juvenile Lamprey Movements in the Yakima River.** Marty Liedtke, U.S. Geological Survey
- **Juvenile Lamprey Movement in the Clackamas River.** Maggie David, Portland General Electric

**Conveners:** Ann Gray, U.S. Fish & Wildlife Service; Ralph Lampman, Yakama Nation Fisheries

**Register:** <https://attendee.gotowebinar.com/register/6874913466331160333>

#### April 13, 2021: *Larval Lamprey Electrofishing & Capture Techniques*

- **A Global Perspective of Capture Techniques for Larval Lampreys: Considerations for Selecting Survey Methods.** Benjamin Clemens, Oregon Department of Fish & Wildlife
- **A Stepwise Approach to Assess the Occupancy State of Larval Lampreys in Streams.** Julianne Harris, U.S. Fish & Wildlife Service. Co-authors: Gregory Silver, Columbia River Inter-Tribal Fish Commission; Jeffrey Jolley, R.D. Nelle, and Timothy Whitesel, U.S. Fish & Wildlife Service
- **Sampling Efficiency and Rapid Distribution Assessment: Practical Methods for Getting it Done Quickly.** Stewart Reid, Western Fishes. Co-author: Damon Goodman, U.S. Fish & Wildlife Service
- **Tribal Long-Term Index Monitoring and Other Electrofishing and Protocol Tips.** Ralph Lampman, Yakama Nation Fisheries. Co-authors: Dave'y Lumley and Tyler Beals (Yakama Nation Fisheries)
- **Protocols of Larval/Juvenile Sea Lamprey Monitoring from the Great Lakes Region.** Matthew Lipps, U.S. Fish & Wildlife Service, Sea Lamprey Control Program, Luddington Biological Station. Co-authors: Aaron Jubar, U.S. Fish & Wildlife Service; Fraser Neave, Dept. of Fisheries & Oceans (Canada)
- **Highlights from an eDNA Study Measuring eDNA Quantities from a Known Number and Mass of Pacific Lamprey Using a Livecar Enclosure.** Daniel Bingham, Cramer Fish Sciences

**Conveners:** Ralph Lampman, Yakama Nation Fisheries; Benjamin Clemens, Oregon Department of Fish & Wildlife

**Register:** <https://attendee.gotowebinar.com/register/8556551629828551181>

## 2021 Monthly Lamprey Information Exchange Webinar Series Schedule cont.

(speakers and session titles subject to change)

\*please note, participants will need to register for each webinar separately\*

### May 11, 2021: *Learning from North American Sea Lamprey Research & Experiences*

- **An Adaptive Management Framework for Applying and Evaluating Supplemental Sea Lamprey Controls.** Nicholas Johnson, U.S. Geological Survey. Co-authors: Michigan State University, Great Lakes Fisheries Commission, U.S. Fish & Wildlife Service, and Fisheries and Oceans Canada
- **Understanding and Exploiting Sea Lamprey Behavior to Improve Management Actions.** John Hume, Michigan State University.
- **Juvenile Lamprey Guidance Using Electricity, Light, and/or Alarm Cues.** Scott Miehl, U.S. Geological Survey, Great Lakes Science Center, Hammond Bay Biological Station
- **LOL (Love Our Lamprey): How a Vilified Species May Become a Hero of River Restoration.** Joseph Zydlewski, U.S. Geological Survey-Maine Cooperative Fish and Wildlife Research Unit, University of Maine - Dept of Wildlife, Fisheries, and Conservation Biology

**Conveners:** Christina Wang, U.S. Fish & Wildlife Service; Ralph Lampman, Yakama Nation Fisheries

**Register:** <https://attendee.gotowebinar.com/register/3297111425641152013>

### June 8, 2021: *Diversity in Lampreys: Within-Species and Across Species*

- **Why Lamprey Diversity is Like Oceans 11.** Damon Goodman, U.S. Fish & Wildlife Service
- **Application of the Biological Species Concept to the Lampetra Species Complex in the Pacific Northwest.** Jon Hess, Columbia River Inter-Tribal Fish Commission
- **Life History Diversity in Lampreys: the Morrison Creek Lamprey and Other Stories.** Margaret Docker, University of Manitoba
- **One Lamprey, Two Lamprey, Red Lamprey, Green Lamprey.** Stewart Reid, Western Fishes

**Convener:** Benjamin Clemens, Oregon Department of Fish & Wildlife

**Register:** <https://attendee.gotowebinar.com/register/2300533877434323725>

## Previous Webinars in this Series

Access Recordings: [www.gotostage.com/channel/plci](http://www.gotostage.com/channel/plci)

### January 12, 2021: *Cultural Significance of Lamprey & Importance of Outreach*

- **Tribal Keynote:** Erik A. Holt, Nez Perce Tribe
- **Tales from the Social Media Substrate: How a Fake, Dead Fish Became a Voice for Pacific Lamprey Conservation.** Sean Connolly, U.S. Fish & Wildlife Service
- **The Human/Lamprey Connection: Using Outreach to Inspire and Protect.** Jeremy FiveCrows, Columbia River Inter-Tribal Fish Commission
- **Meet Your Ancient Neighbor: A Model for Collaborative Lamprey Education at the Oregon Zoo.** Leah Schrodt, U.S. Fish & Wildlife Service

**Conveners:** Laurie Porter, Columbia River Inter-Tribal Fish Commission; Christina Wang, U.S. Fish & Wildlife Service; Alicia Marrs, PLCI

### February 9, 2021: *Lamprey Ecology & Ecosystem Services*

- **There and Back Again: Anadromous Sea Lamprey Link Freshwater and Marine Ecosystems.** Daniel Weaver, Maine Sea Grant College Program
- **Fate of Pacific Lamprey Carcasses in Western Streams and Implications for Juvenile Salmon.** Matthew R. Dunkle, University of Idaho
- **An Ecological Comparison Between Resource Subsidies: Pacific Lamprey and Pacific Salmon.** Jocelyn Wensloff, Central Washington University
- **Stable Isotopes of Larval Lamprey Can do More Than Reconstruct Diet.** Thomas M. Evans, St. Mary's College of Maryland

**Convener:** Julianne Harris, U.S. Fish & Wildlife Service