



# 7<sup>TH</sup> ANNUAL LAMPREY INFORMATION EXCHANGE

## When:

**Wednesday 13 Dec. 2023**  
9 am to 4 pm

**Thursday 14 December 2023**  
9 am to 1 pm

## Where:

**Water Resources Education  
Center**  
4600 SE Columbia Way  
Vancouver WA, 98661

## Wednesday Night PLCI Partner Social:

**Wednesday, 13 Dec. 2023**  
6 pm to 10 pm

**Loowit Brewing Company**  
507 Columbia St,  
Vancouver, WA 98660

## AGENDA

**DAY 1: WEDS. 13 DEC. 2023**

### WELCOME & TRIBAL INVOCATION

**9:00 a.m. to 9:30 a.m.**

*Invocation by Kelly Coates (Cow Creek Umpqua Tribe)*

### TRIBAL KEYNOTE

**9:30 to 10:15 a.m.**

*Introduction by Laurie Porter (CRITFC)*

*The Asuum ku Kisooyas (Pacific Lamprey), are resilient and are an important indicator species to their natural habitats and ecosystems. They continue to have an important role to the Plateau tribes of the N'chi Wana (Columbia River) ceremonies and provide subsistence food source. The Asuum have sustained our people for thousands of years and it is our responsibility to protect their habitat, migratory corridors, and distribution so our future generations will have the ability to fish for this important First Food.*

Elaine Harvey (CRITFC)

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**BREAK: 10:15 A.M. TO 10:30 A.M.**

### GENETICS, PHYLOGENETICS & TAXONOMY

**10:30 a.m. to 1200 p.m.**

*Facilitator: Christina Wang (USFWS)*

GAINING AND LOSING LAMPETRA SPECIES DIVERSITY THROUGH  
PHYLOGENETIC ANALYSIS - IMPLICATIONS AND NEXT STEPS FOR  
RESEARCH AND MANAGEMENT

Kellie Carim (USFS)

LAMPREYS IN CALIFORNIA: MITOCHONDRIAL PHYLOGENETIC ANALYSIS  
REVEALS PREVIOUSLY UNRECOGNIZED DIVERSITY

Grace Auringer (UC Davis)

A 400K BRIGHT SPOT ON THE HORIZON FOR PACIFIC LAMPREY

Jon Hess (CRITFC)

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LUNCH: 12:00 P.M. TO 12:50 P.M.

LAMPREY ROCKSTAR AWARD CEREMONY

12:50 p.m. to 1:00 p.m.

*Presented by Christina Wang (USFWS)*

RESTORATION

1:00 p.m. to 2:30 p.m.

*Facilitator: Julie Harris (USFWS)*

INTEGRATING LAMPREYS INTO HABITAT RESTORATION

Amy Horstman (USFWS)

LAMPREY USE OF SALMONID FOCUSED HABITAT RESTORATION PROJECTS

John Crandall (Methow Salmon Recovery Foundation)

LARVAL LAMPREY USE OF HABITAT RESTORATION TO A STAGE 0 CONDITION

Logan Bodiford (USFS)

LAMPREY IN URBAN STREAMS OF PORT ANGELES, AND RECOLONIZATION OF  
THE ELWHA RIVER

Justin Stapleton (Lower Elwha Klallam Tribe)

PANEL DISCUSSION

JUVENILE ENTRAINMENT, DEWATERING, & DREDGING  
INVESTIGATIONS (JEDDI)

2:30 p.m. to 4:00 p.m.

*Facilitators: Marty Liedtke (USGS) & Joe Skalicky (USFWS)*

PATTERNS IN DISTRIBUTION AND DENSITY OF LARVAL LAMPREYS IN THE  
MAINSTEM COLUMBIA RIVER

Monica Blanchard (WDFW / USFWS)

PURSUING CREATIVE METHODS TO REDUCE ENTRAINMENT FOR LAMPREY:

CASE STUDY FROM TESTING FLOW VELOCITY ENHANCEMENT SYSTEM  
(FVES)

Tyler Beals (Yakama Nation Fisheries)

PUMP SCREENS: DO SALMON SCREENING CRITERIA PROTECT LARVAL  
LAMPREYS?

Danny Didricksen (WDFW)

SCREENING OPTIONS TO PROTECT LARVAL LAMPREY AND AN OPEN CALL  
FOR LARGE-SCALE SALVAGE SOLUTIONS

Joe Skalicky (USFWS)

PANEL DISCUSSION

Nearby Lodging:

*\*Mention of these lodging options is not an endorsement. Other lodging options are available for review online.\**

**Hilton Vancouver**

301 W. 6th St, Vancouver, WA  
98660

(855) 605-0316

**Comfort Inn & Suites  
Vancouver Downtown**

401 E 13th St, Vancouver, WA  
98660

(360) 696-0411

**Homewood Suites by Hilton  
Vancouver-Portland**

701 SE Columbia Shores Blvd,  
Vancouver, WA 98661

(360) 750-1100

**Hotel Indigo Vancouver  
Downtown**

550 Waterfront Wy, Vancouver,  
WA 98660

(360) 816-0058

**Holiday Inn Portland –  
Columbia Riverfront**

909 N Hayden Island Dr,  
Portland, OR 97217

(503) 283-4466

**Oxford Suites Portland –  
Jantzen Beach**

12226 N Jantzen Dr, Portland,  
OR 97217

(503) 283-3030

**Holiday Inn Express & Suites  
Portland – Jantzen Beach**

2300 N Hayden Island Dr,  
Portland, OR 97217

(503) 283-8000

DAY 2: THURS. 14 DEC. 2023

MIGRATION, TAGGING & PASSAGE

9:00 a.m. to 10:30 a.m.

*Facilitators: Ben Clemens (ODFW) & Ralph Lampman (Yakama Nation Fisheries)*

INVESTIGATIONS OF SEAWARD MIGRATION AND SURVIVAL OF JUVENILE SEA LAMPREY USING ELAT, A MICRO ACOUSTIC TRANSMITTER

Michael Wagner (Michigan State University) [Recorded Presentation & Remote Q&A]

SWIMMING A FINE LINE: HOW MIGRATING ADULT SEA LAMPREY NAVIGATE THROUGH COMPLEX AND RISKY HABITATS

Kandace Griffin (Michigan State University) [Recorded Presentation & Remote Q&A]

AN OPEN-SOURCE PACIFIC LAMPREY LIFE-CYCLE MODELING TOOL: WHAT DOES IT LOOK LIKE AND WHAT CAN WE LEARN FROM IT?

Dylan Gomes (USGS)

PANEL DISCUSSION

OPEN SESSION

10:30 a.m. to 12:30 p.m.

*Facilitators: Jen Poirier & Julie Harris (USFWS)*

MY TRANSFORMATION INTO A LAMPREY ADVOCATE: WRITING THE 2022 PACIFIC LAMPREY ASSESSMENT AS A USFWS AND MANRRS INTERN

Mee-ya Monneedy (M.S. Student, Fisheries Science at OSU)

FINDING PACIFIC LAMPREY: USING eDNA TO MAP SEASONAL PRESENCE IN THE MAD RIVER.

Maddy Rifka Brunt (Mattole Salmon Group/Yurok Tribe)

WILL WARMING WINTER TEMPERATURE RESULTING FROM CLIMATE CHANGE INFLUENCE LARVAL METAMORPHOSIS IN PACIFIC LAMPREY?

Will Simpson (USFWS)

NATAL ORIGINS OF PACIFIC LAMPREY (*ENTOSPHEMUS TRIDENTATUS*)

Jessica Miller (OSU)

ORGANOHALOGENATED CONTAMINANTS IN MULTIPLE LIFE STAGES OF THE PACIFIC LAMPREY (*ENTOSPHEMUS TRIDENTATUS*)

Casie Smith (USGS, Oregon Water Science Center)

## NATIONAL FISH HABITAT PARTNERSHIP

PLCI is one of 20 nationally recognized fish habitat partnerships in the United States. Through its work, PLCI seeks to advance its own goals, and those of the National Fish Habitat Partnership (NFHP) which are to protect, restore, and enhance the nation's fish and aquatic communities through partnerships that foster fish habitat conservation and improve quality of life for all Americans.

Learn more about the work of NFHP and the other Fish Habitat Partnerships at [www.fishhabitat.org](http://www.fishhabitat.org)

