

Follow the Adult Pacific Lamprey Migration Journey



Here are simple, easy ways you can follow the journey of adult Pacific Lamprey from the ocean migrating up the Columbia Basin.

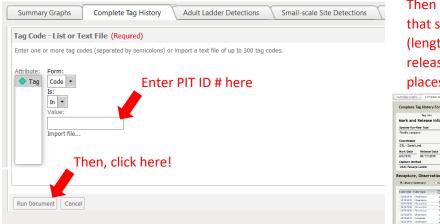
- 1. Go to this PTAGIS (PIT Tag Information System) website: https://www.ptagis.org/data/quick-reports/complete-taghistory
- 2. Enter any of the following PIT tag IDs #s into the "Value" box

3D9.239F8765F5 (2014-2015 brood adult released in Toppenish Creek)

384.1B797705CE (2015-2016 brood adult released in Methow River)

3D6.1D593D94B3 (2017-2018 brood adult released in Yakima River)

3DD.0077B7D48C (2018-2019 brood adult released in Wenatchee River)



Then it will take you to a web page that shows a summary of the lamprey (length, weight, tag/release dates, release location, etc.) as well as the places it was detected



- 3. Try solving the migration mystery by answering the following questions:
 - a. How many locations was the lamprey detected? (hint "Event Site Code")
 - b. How many separate dates was the lamprey detected? (hint "Event Date")
 - c. What was the total number of detection records? (hint "# of Records")
 - d. If a lamprey is detected thousands of times in one location (such as a dam), what does that tell us (about the fish's behavior)?
 - e. Did it move upstream or downstream? Or both? (hint "Event Site RKM" or click on the site code hyperlink to see more details, including maps)

The "Event Site RKM" shows the 3 digit river km (abbreviated as RKM) of the Columbia River, main tributary, and second tributary (starting from the mouth), in that order.

So as the number goes up, it means the lamprey is moving upstream.

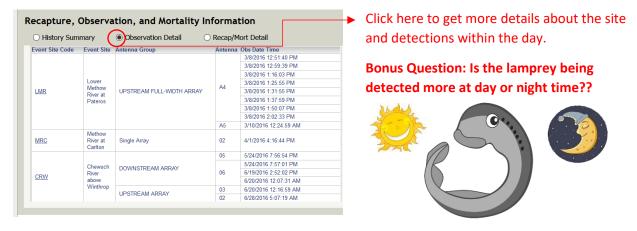
Similarly, if the number goes down, it means the lamprey is moving downstream.



In the example above, the lamprey was first detected on two dates at RKM 8 on the Wenatchee River (main tributary), then it was detected further upstream at RKM 45, and finally it was detected on four dates in Chewuch River at RKM 1, showing only upstream movement.



If you click on "Observation Detail" (see below), you can see even more details, such as site full name, antenna group, and individual detection times within each date.



Submit your answers (a, b, c, d, e, bonus) to lamr@yakamafish-nsn.gov (email text or photo of a paper is fine) by December 31, 2020 to win a prize! (up to 10 lucky winners)