



## December 10, 2024: Dr. Levi Lewis, UC Davis OG Fish Lab –Fish and Fish Habitats in South Bay Wetlands

### *Information Shared in Meeting Chat*

- Gita Dev: I was not aware of fish monitoring going on. And would love to get the links to these studies
  - Donna Ball, SBSRP: Levi is preparing a report for the SBSRP and all of these references will be included. We'll post that report on our website when it is complete in the next few months.
- Rick Lanman: W. Schmitt's 1921 is downloadable [here](#).
- Rick Lanman: California sea otter are losing ground at the northern and southern limits of their range, so unlikely to reach the Golden Gate and recolonize SF Bay. Elkhorn Slough is the model for how sea otters thrive in muddy estuaries and drive a trophic cascade resulting in seagrass growth & abundance. Are there any plans to translocate sea otter to the SBSP?
  - Christina Toms, RWQCB: from USFWS, [Exploring Potential Sea Otter Reintroduction webpage](#)
  - Christina Toms, RWQCB: [U.S. Fish and Wildlife Service Pacific Coast sea otter reintroduction feasibility report](#)
    - Christina Toms, RWQCB: See discussion of high potential for SF Bay reintroduction on page 43 of the report (page 58 of the PDF), esp. in North Bay and far South Bay where there is lower risk of anthropogenic impacts.
- Donna Ball, SBSRP : You can follow the monthly south bay surveys through [the lab's blog](#)
- Jennifer Hyman: Have you done any eDNA sampling of special status species like LS and steelhead in the south bay?
- Brian Wines: Are there standardized protocols for otter trawls and beach seines that other parties should use in sampling programs?
- Lisa Beers: [Wetland Regional Monitoring Program Guidelines for Monitoring Fish and Fish Habitats](#)
- Sirena Lao: Are salmon being detected in any of the study areas?

- Jennifer Hyman: Are you looking at fish abundance and water temperature?
- Rick Lanman: How much carbon is sequestered when a salt pond is converted to a tidal marsh?  
Good reference?
  - Christina Toms, RWQCB: See references [here](#)
- Cindy Sumida-Scott: Interested member of public here. Greatly appreciate this work and presentation. Thank you!