

## IEP Lead Scientist Selected Bibliography for 2024

### *IEP and IEP-related articles of interest for the Bay-Delta Science Community*

Asadi Aghbolaghi, M., A. P. Maloy, J. A. Coombs, T.-C. Hung and E. W. Carson (2024). "Phylogenetic relationships and introduction history inferred from complete mitochondrial genomes of four smelts (Osmeridae) of the modern San Francisco Estuary." Zoologischer Anzeiger **308**: 66-70.

<https://doi.org/10.1016/j.jcz.2023.11.008>

Barros, A., R. Hartman, S. Bashevkin and C. Burdi (2024). "Years of Drought and Salt: Decreasing Flows Determine the Distribution of Zooplankton Resources in the San Francisco Estuary." San Francisco Estuary and Watershed Science **22**(1). <https://doi.org/10.15447/sfews.2024v22iss1art3>

Bosworth, D., S. Bashevkin, K. Bouma-Gregson, R. Hartman and E. Stumpner (2024). "The Anatomy of a Drought in the Upper San Francisco Estuary: Water Quality and Lower-Trophic Responses to Multi-Year Droughts Over a Long-Term Record (1975-2021)." San Francisco Estuary and Watershed Science **22**(1).

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Bouma-Gregson, K., D. Bosworth, T. Flynn, A. Maguire, J. Rinde and R. Hartman (2024). "Delta Blue(green)s: The Impact of Drought and Drought Management Actions on Microcystis in the Sacramento–San Joaquin Delta." San Francisco Estuary and Watershed Science **22**(1).

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Buchanan, R. A. (2024). "Route use of emigrating steelhead in a heavily modified river delta." North American Journal of Fisheries Management **44**(3): 714-734. <http://dx.doi.org/10.1002/nafm.11005>

Chase, S. N., B. E. Davis, E. W. Carson, L. Ellison, A. J. Finger, M. R. Baerwald and T.-C. Hung (2024).

"Evaluating the impact of captive ancestry on the growth and survival of Delta Smelt in a captive environment." Aquaculture Reports **36**. <https://doi.org/10.1016/j.aqrep.2024.102169>

Chasnoff, B., P. B. Moyle, M. J. Young and P. K. Crain (2024). "Age, growth, and trophic ecology of the Redeye Bass, an alien invader of California rivers." Transactions of the American Fisheries Society.

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Clause, J. K., M. J. Farruggia, F. Feyrer and M. J. Young (2024). "Wetland geomorphology and tidal hydrodynamics drive fine-scale fish community composition and abundance." Environmental Biology of Fishes **107**(1): 33-46.

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Cordoleani, F., C. C. Phillis, A. M. Sturrock, M. Willmes, G. Whitman, E. Holmes, P. K. Weber, C. Jeffres and R. C. Johnson (2024). "Restoring freshwater habitat mosaics to promote resilience of vulnerable salmon populations." Ecosphere **15**(3). <https://doi.org/10.1002/ecs2.4803>

Culberson, S. (2024). "Nine Takeaways from a Quarter Century Working with the Interagency Ecological Program." San Francisco Estuary and Watershed Science **22**(4).

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Drexler, J. Z., M. Gross, M. L. Hladik, B. Morrison and E. Hestir (2024). "In situ allelopathic expression by the invasive amphibious plant, *Ludwigia hexapetala* (water primrose) across habitat types, seasons, and salinities." Biological Invasions **26**(11): 3811-3828. <https://doi.org/10.1007/s10530-024-03412-4>

Dugdale, R. C., A. E. Parker and F. P. Wilkerson (2024). "Patterns in Anthropogenic Nitrogen and Water Quality Leading to Phytoplankton Blooms in Urban Estuaries." Journal of Marine Science and Engineering **12**(11). <https://doi.org/10.3390/jmse12112029>

Fournier, R. J., D. D. Colombano, R. J. Latour, S. M. Carlson and A. Ruhi (2024). "Long-term data reveal widespread phenological change across major US estuarine food webs." Ecol Lett **27**(12): e14441.

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mitigates climate stress in a brackish marsh amphipod." Journal of Applied Ecology.  
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