

Annual Literature Update
December 2018 (January - November 2018)
IEP and Related Science
IEP Lead Scientist Culberson- and SMT-Provided Listings

Benjamin, A., İ. K. Sağlam, B. Mahardja, J. Hobbs, T.-C. Hung and A. J. Finger (2018). **"Use of single nucleotide polymorphisms identifies backcrossing and species misidentifications among three San Francisco estuary osmerids."** *Conservation Genetics*.

Bever, A. J., M. L. MacWilliams and D. K. Fullerton (2018). **"Influence of an Observed Decadal Decline in Wind Speed on Turbidity in the San Francisco Estuary."** *Estuaries and Coasts*.

Castillo, G.C., Damon, L.J., Hobbs, J.A. (2018). **Community patterns and environmental associations for pelagic fishes in a highly modified estuary."** *Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science* 10:508-524.

Cloern, J. E. (2018). **"Patterns, pace, and processes of water-quality variability in a long-studied estuary."** *Limnology and Oceanography*. doi: 10.10.1002/lno.10958

Frantzich, J., T. Sommer and B. Scheier (2018). **"Physical and Biological Responses to Flow in a Tidal Freshwater Slough Complex."** *San Francisco Estuary and Watershed Science* 16(1).

Gross, E.S., Hutton, P.H., and Draper, A.J. (2018). **"A comparison of outflow and salt intrusion in the pre-development and contemporary San Francisco Estuary."** *San Francisco Estuary and Watershed Science* 16(3): article 6.

Hamilton, S. A. and D. D. Murphy (2018). **"Analysis of Limiting Factors Across the Life Cycle of Delta Smelt (*Hypomesus transpacificus*)."** *Environ Manage* 62(2): 365-382.

Herbold, B., Carlson, S.M., Henery, R., Johnson, R.C., Mantua, N., McClure, M., Moyle, P.B., and Sommer, T. (2018). **"Managing for salmon resilience in California's variable and changing climate."** *San Francisco Estuary and Watershed Science* 16(2): article 3.
<https://escholarship.org/uc/item/8rb3z3nj>

Johnston, M.E., Steel, A.E., Espe, M., Sommer, T., Klimley, A. P., Sandstrom, P., and Smith, D. (2018). **Survival of juvenile Chinook salmon in the Yolo Bypass and the lower Sacramento River, California."** *San Francisco Estuary and Watershed Science* 16(2): article 4.
<https://escholarship.org/uc/item/8bq7t7rr>

Khanna, S., Santos, M.J., Boyer, J.D., Shapiro, K.D., Bellvert, J., and Ustin, S. (2018). **"Water primrose invasion changes successional pathways in an estuarine ecosystem."** *Ecosphere*, 9(9): <https://esajournals.onlinelibrary.wiley.com/doi/pdf/10.1002/ecs2.2418>

Kimmerer, W. J., E. S. Gross, A. M. Slaughter and J. R. Durand (2018). **"Spatial Subsidies and Mortality of an Estuarine Copepod Revealed Using a Box Model."** *Estuaries and Coasts*.

Kimmerer, W., Ignoffo, T.R., Bemowski, B., Moderan, J., Holmes, A, and Bergamaschi, B. (2018). **"Zooplankton dynamics in the Cache Slough Complex of the Upper San Francisco Estuary."** *San Francisco Estuary and Watershed Science* 16(3): article 4.

Kimmerer, W. J. and K. A. Rose (2018). **"Individual-Based Modeling of Delta Smelt Population Dynamics in the Upper San Francisco Estuary III. Effects of Entrainment Mortality and Changes in Prey."** *Transactions of the American Fisheries Society* 147(1): 223-243.

Kurobe, T., P. W. Lehman, M. E. Haque, T. Sedda, S. Lesmeister and S. Teh (2018). **"Evaluation of water quality during successive severe drought years within Microcystis blooms using fish embryo toxicity tests for the San Francisco Estuary, California."** *Sci Total Environ* 610-611: 1029-1037.

Lehman, P. W., T. Kurobe, S. Lesmeister, C. Lam, A. Tung, M. Xiong and S. J. Teh (2018). **"Strong differences characterize Microcystis blooms between successive severe drought years in the San Francisco Estuary, California, USA."** *Aquatic Microbial Ecology* 81(3): 293-299.

Lessard, J., Cavallo, B., Anders, P., Sommer, T., Schreier, B., Gille, D., Schreier, A., Finger, A., Hung, T-C., Hobbs, J., May, B., Schults, A., Burgess, O. and Clarke, R (2018). **"Considerations for the use of captive-reared Delta Smelt for species recovery and research."** *San Francisco Estuary and Watershed Science*, volume 16, issue 3, article 3.
<https://escholarship.org/uc/item/3jt4h7ct>

Mount, J., Hanak, E., Gartrell, G, and Gray, B. (2018). **"Accounting for Water "Wasted to the Sea."** *San Francisco Estuary and Watershed Science* 16(1): article 1: 1-9.

Moyle, P. B., J. A. Hobbs and J. R. Durand (2018). **"Delta Smelt and Water Politics in California."** *Fisheries* 43(1): 42-50.

National Marine Fisheries Service (2018). **"Recovery Plan for the Southern Distinct Population Segment of North American Green Sturgeon (*Acipenser medirostris*)."** West Coast Region, California Central Valley Office, Sacramento, California.
https://www.westcoast.fisheries.noaa.gov/stories/2018/10_08102018_green_sturgeon_recovery_plan.html

Phillis, C. C., A. M. Sturrock, R. C. Johnson and P. K. Weber (2018). **"Endangered winter-run Chinook salmon rely on diverse rearing habitats in a highly altered landscape."** *Biological Conservation* 217: 358-362.

Towne, K., and Brandes, P.L. (2018). **"Survival, tag retention, growth, and wound healing of juvenile Chinook salmon (*Oncorhynchus tshawytscha*) surgically implanted with a dummy**

acoustic tag." San Francisco Estuary and Watershed Science, 16(3).
<https://escholarship.org/uc/item/8bp2s61h>

Young, M. J., J. L. Conrad, A. J. Bibian and A. Sih (2018). **"The Effect of Submersed Aquatic Vegetation on Invertebrates Important in Diets of Juvenile Largemouth Bass, *Micropterus salmoides*."** *San Francisco Estuary and Watershed Science* 16(2).