Appendix B References

- Aasen, G. 2011. Fish Salvage at the State Water Project's and Central Valley Project's Fish Facilities during the 2010 Water Year. *IEP Newsletter*. Vol. 24, Number 1, Spring.
- Aasen, G. 2012. Fish Salvage at the State Water Project's and Central Valley Project's Fish Facilities during the 2011 Water Year. *IEP Newsletter*. Vol. 25, Number 1, Fall/Winter.
- Alvarez, J. S. 2017. *Abundance, Growth, and Predation by Nonnative Brown Trout in the Trinity River, CA.* M.S. thesis. Humboldt State University, Arcata, CA.
- Anderson, J. J., A. G. Gore, R. T. Kneib, M. S. Lorang, J. M. Nestler, and J. Van Sickle. 2012. *Report of the 2012 Delta Science Program Independent Review Panel (IRP) on the Long- Term Operations Opinion (LOO) Annual Review*. Prepared for Delta Science Program. Available: <u>http://deltacouncil.ca.gov/sites/default/files/documents/files/Report_2012_DSPIR</u> <u>P_LOOAR_120112_final.pdf</u>.
- Andrews, S. W., E. S. Gross, and P. H. Hutton. 2016. A Water Balance Model to Estimate Flow Through the Old and Middle River Corridor. San Francisco Estuary and Watershed Science, 14(2). jmie_sfews_31636. Available: http://escholarship.org/uc/item/8c5574hf.
- Arthur, J. F., M. D. Ball, and S. Y. Baughman. 1996. "Summary of federal and state water project impacts in the San Francisco Bay-Delta estuary, California." In San Francisco Bay: The Ecosystem, edited by J.T. Hollibaugh, 445–495. American Association for the Advancement of Science, San Francisco, CA.
- Azat, J. 2018. GrandTab 2018.04.09. *California Central Valley Chinook Population Database Report*. California Department of Fish and Wildlife. Available: http://www.calfish.org/ProgramsData/Species/CDFWAnadromousResourceAssessment.a spx.
- Baerwald, M. R., F. Feyrer, B. May. 2008. Distribution of Genetically Differentiated Splittail Populations during the Nonspawning Season. *Transactions of the American Fisheries* Society 137:1335–1345.
- Bank Swallow Technical Advisory Committee. 2013. Bank Swallow (*Riparia riparia*) Conservation Strategy for the Sacramento River Watershed, California. June.
- Baumsteiger, J. and P. B. Moyle. 2019. A Reappraisal of the California Roach/Hitch (Cypriniformes, Cyprinidae, *Hesperoleucus/Lavinia*) Species Complex. *Zootaxa* 4543 (2): 2221–240. Available: <u>https://www.mapress.com/j/zt/article/view/zootaxa.4543.2.3.</u>

Baxter, R. D. 1999. Status of Splittail in California. California Fish and Game 85:28-30.

- Beamish, R. J. 1980. Adult Biology of the River Lamprey (*Lampetra ayresii*) and the Pacific Lamprey (*Lampetra tridentate*) from the Pacific Coast of Canada. *Canadian Journal of Fisheries and Aquatic Sciences* 37:1906–1923.
- Bennett, W. A. 2005. Critical Assessment of the Delta Smelt Population in the San Francisco Estuary, California. *San Francisco Estuary and Watershed Science* 3(2). Available: http://repositories.cdlib.org/jmie/sfews/vol3/iss2/art1/. Accessed: March 27, 2012.
- Bensen, R. L., S. Turo, and B. W. McCovey, Jr. 2007. Migration and Movement Patterns of Green Sturgeon (*Acipenser medirostris*) in the Klamath and Trinity Rivers, California, USA. *Environmental Biology of Fishes* 79:269–279.
- Brandes, P. L., and J. S. McLain. 2001. Juvenile Chinook Salmon Abundance, Distribution, and Survival in the Sacramento-San Joaquin Estuary. *Contributions to the Biology of the Central Valley Salmonids*, Fish Bulletin 179: Volume 2. Sacramento (CA): California Department of Fish and Game. pp. 39–136.
- Brown, K. 2007. Evidence of Spawning by Green Sturgeon, *Acipenser medirostris*, in the Upper Sacramento River, California. *Environmental Biology of Fishes* 79:297–303.
- Brown, L. R., and P. B. Moyle. 1993. Distribution, Ecology, and Status of Fishes of the San Joaquin River Drainage, California. *California Fish and Game* 79:96–113.
- Brown, L. R., and J. T. May. 2006. Variation in Spring Nearshore Resident Fish Species Composition and Life Histories in the Lower San Joaquin Watershed and Delta. *San Francisco Estuary and Watershed Science* 4(1).
- Brown, L. R., R. Baxter, G. Castillo, L. Conrad, S. Culberson, G. Erickson, F. Feyrer, S. Fong,
 K. Gehrts, L. Grimaldo, B. Herbold, J. Kirsch, A. Mueller-Solger, S. Slater, K. Souza,
 and E. Van Nieuwenhuyse. 2014. Synthesis of studies in the fall low-salinity zone of the
 San Francisco Estuary, September–December 2011: U.S. Geological Survey Scientific
 Investigations Report 2014–5041. U.S. Geological Survey, Reston, VA.
- Buchanan, R. A., P. L. Brandes, and J. R. Skalski. 2018. Survival of Juvenile Fall-Run Chinook Salmon through the San Joaquin River Delta, California. North American Journal of Fisheries Management 38(3): 663–679.
- Burke, B. J., J. J. Anderson, and A. M. Baptista. 2014. Evidence for Multiple Navigational Sensory Capabilities of Chinook Salmon. *Aquatic Biology* 20: 77–90.
- Busby, P. J., T. C. Wainwright, G. J. Bryant, L. J. Lierheimer, R. S. Waples, F. W. Waknitz, and I. V. Largomarsino. 1996. *Status Review of West Coast Steelhead from Washington, Idaho, Oregon, and California.* National Marine Fisheries Service, Northwest Fisheries Sceince Center and Southwest Region Protected Resources Division, NOAA Technical Memorandum, NMFS-NWFSC-27.

- Bush, E. E. 2017. *Migratory Life Histories and Early Growth of the Endangered Estuarine Delta Smelt* (Hypomesus transpacificus). M.S. thesis. University of California, Davis, Davis, CA.
- CALFED Bay-Delta Program, Yolo Bypass Working Group, and Yolo Basin Foundation. 2001. A Framework for the Future: Yolo Bypass Management Strategy. August.
- California Department of Fish and Game (CDFG). 1985. *Status of Winter-Run Chinook Salmon,* Oncorhynchus tshawytscha, *in the Sacramento River*. January 25.
- California Department of Fish and Game (CDFG). 1994. California Endangered Species Act Memorandum of Understanding by and between Contra Costa Water District and California Department of Fish and Game Regarding the Los Vaqueros Project (Ref. No. 9339). January 24, 1994.
- California Department of Fish and Game (CDFG). 1998. A Status Review of the Spring-Run Chinook Salmon in the Sacramento River Drainage. Candidate Species Status Report 98-1. Report to the Fish and Game Commission.
- California Department of Fish and Game (CDFG). 2002. Unpublished data from 1994–1996. Entrainment of Listed Fish Species at Pumping Plant #1 of the Contra Costa Canal and the Headworks at the Rock Slough Intake. Monitoring required for the NMFS 1993 Los Vaqueros Reservoir biological opinion.
- California Department of Fish and Game (CDFG). 2009a. A Status Review of the Longfin Smelt (Spirinchus thaleichthys) in California. Report to the Fish and Game Commission. January 23.
- California Department of Fish and Game (CDFG). 2009b. *California Endangered Species Act Incidental Take Permit No. 2081-2009-001-03.* Department of Water Resources California State Water Project Delta Facilities and Operations. Yountville, CA: California Department of Fish and Game, Bay Delta Region.
- California Department of Fish and Game (CDFG). 2012. *Central Valley Chinook Salmon In-River Escapement Monitoring Plan.* Fisheries Branch Administrative Report Number: 2012-1. January.
- California Department of Fish and Game (CDFG) and U.S. Fish and Wildlife Service (USFWS). 2010. *Hatchery and Stocking Program Environmental Impact Report/Environmental Impact Statement*. Final. January.
- California Department of Fish and Wildlife (CDFW). 2016. CDFW Rescue Efforts Save Listed Salmon, Steelhead, and Sturgeon. *CDFW News*. May 4, 2016. Available: <u>https://cdfgnews.wordpress.com/2016/05/04/cdfw-rescue-efforts-save-listed-salmon-steelhead-and-sturgeon/</u>. Accessed: November 18, 2019.

- California Department of Fish and Wildlife (CDFW). 2018. *Special Plant and Animal Lists*. Available: http://www.dfg.ca.gov/wildlife/nongame/list.html. Accessed: February 6, 2019.
- California Department of Fish and Wildlife (CDFW). n.d.. *Fall Midwater Trawl Summary*. Available: <u>https://www.dfg.ca.gov/delta/projects.asp?ProjectID=FMWT</u>. Accessed: June 11, 2019.
- California Department of Water Resources (DWR). 1983. Agreement Concerning the Operation of the Oroville Division of the State Water Project for Management of Fish and Wildlife. August.
- California Department of Water Resources (DWR). 1984. The Potential for Rehabilitating Salmonid Habitat in Clear Creek, Shasta County. June.
- California Department of Water Resources (DWR). 1986. Clear Creek Fishery Study. March.
- California Department of Water Resources (DWR). 2003. River Flow Effects on Emigrating Juvenile Salmonids in the Lower Feather River. SP-F10 Task 4A. Oroville Facilities Relicensing FERC Project No. 2100. December.
- California Department of Water Resources (DWR). 2004. Assessment of Potential Project Effects on Splittail Habitat. SP-F3.2 Task 3B. Final Report. Oroville Facilities Relicensing, FERC Project No. 2100.
- California Department of Water Resources (DWR). 2007. Draft Environmental Impact Report Oroville Facilities Relicensing—FERC Project No. 2100. May
- California Department of Water Resources (DWR). 2012. 2012 Central Valley Flood Protection Plan Consolidated Final Program Environmental Impact Report. July.
- California Department of Water Resources (DWR). 2013a. California Water Plan Update 2013—Public Review Draft.
- California Department of Water Resources (DWR). 2013b. North-of-the-Delta Offstream Storage Preliminary Administrative Draft Environmental Impact Report. December.
- California Department of Water Resources (DWR). 2018a. *California Data Exchange Center: Trinity Lake, Monthly Reservoir Storage*. Available: http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code= D&start_date=&end_date. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018b. *California Data Exchange Center: Trinity Lake, Daily Reservoir Elevation*. Available: http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code= D&start_date=&end_date. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018c. *California Data Exchange Center: Lewiston, Monthly Reservoir Storage*. Available: http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code= D&start_date=&end_date. Accessed: December 2018.

- California Department of Water Resources (DWR). 2018d. *California Data Exchange Center: Lewiston, Daily Reservoir Elevation*. Available: http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code= D&start_date=&end_date. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018e. *California Data Exchange Center: Trinity River at Douglas City, Daily Flows.* Available: http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code= D&start_date=&end_date. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018f. *California Data Exchange Center: Shasta Dam, Monthly Reservoir Storage*. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018g. *California Data Exchange Center: Shasta Dam, Daily Reservoir Elevation.* Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018h. *California Data Exchange Center: Keswick Reservoir, Monthly Reservoir Storage*. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: October 17, 2013.
- California Department of Water Resources (DWR). 2018i. *California Data Exchange Center: Keswick Reservoir, Daily Reservoir Elevation*. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018j. *California Data Exchange Center:* Sacramento River at Bend Bridge, Daily Flows. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018k. *California Data Exchange Center:* Sacramento River at Vina Bridge – Main Ch, Daily Flows. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018l. *California Data Exchange Center:* Sacramento River at Hamilton City – Main Ch, Daily Flows. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.

- California Department of Water Resources (DWR). 2018m. *California Data Exchange Center: Sacramento River Below Wilkins Slough, Daily Flows.* Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018n. *California Data Exchange Center:* Sacramento River at Verona, Daily Flows. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018o. *California Data Exchange Center: Sacramento River at Freeport, Daily Flows.* Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018p. *California Data Exchange Center: Whiskeytown Dam, Monthly Reservoir Storage*. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018q. *California Data Exchange Center: Whiskeytown Dam, Daily Reservoir Elevation*. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018r. *California Data Exchange Center: Clear Creek near Igo, Daily Flows.* Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018s. *California Data Exchange Center: Oroville Dam, Monthly Reservoir Storage*. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018t. *California Data Exchange Center: Oroville Dam, Daily Reservoir Elevation*. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018u. *California Data Exchange Center: Feather River near Gridley, Daily Flows.* Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.

- California Department of Water Resources (DWR). 2018v. *California Data Exchange Center: Folsom Lake, Monthly Reservoir Storage*. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018w. *California Data Exchange Center: Folsom Lake, Daily Reservoir Elevation*. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> D&start_date=&end_date. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018x. *California Data Exchange Center: Lake Natoma (Nimbus Dam), Monthly Reservoir Storage.* Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018y. *California Data Exchange Center: Lake Natoma (Nimbus Dam), Daily Reservoir Elevation.* Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018z. *California Data Exchange Center: American River at Fair Oaks, Daily Flows.* Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018aa. California Data Exchange Center: New Melones Reservoir, Monthly Reservoir Storage. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018ab. *California Data Exchange Center: New Melones Reservoir, Daily Reservoir Elevation*. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018ac. *California Data Exchange Center: Goodwin Dam, Daily Reservoir Storage*. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018ad. *California Data Exchange Center: Goodwin Dam, Daily Reservoir Elevation*. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.

- California Department of Water Resources (DWR). 2018ae. *California Data Exchange Center: Stanislaus River at Orange Blossom Bridge, Daily Flows.* Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018af. *California Data Exchange Center: Millerton Lake, Monthly Reservoir Storage*. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> D&start_date=&end_date. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018ag. *California Data Exchange Center: Millerton Lake, Daily Reservoir Elevation*. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2018ah. *California Data Exchange Center:* San Joaquin River near Vernalis, Daily Flows. Available: <u>http://cdec.water.ca.gov/dynamicapp/selectQuery?station_id=&sensor_num=&dur_code=</u> <u>D&start_date=&end_date</u>. Accessed: December 2018.
- California Department of Water Resources (DWR). 2019. Long-Term Operations of the State Water Project Draft Environmental Impact Report. State Clearinghouse No. 2019049121. November 21, 2019.
- California Department of Water Resources Climate Change Technical Advisory Group (DWR CCTAG). 2015. *Perspectives and Guidance for Climate Change Analysis*. California Department of Water Resources Technical Information Record. Sacramento, CA.
- California Department of Water Resources (DWR); U.S. Department of the Interior, Bureau of Reclamation (Reclamation); U.S. Fish and Wildlife Service (USFWS); and National Marine Fisheries Service (NMFS). 2013. *Environmental Impact Report/ Environmental Impact Statement for the Bay Delta Conservation Plan.* Draft. December.
- California Natural Resources Agency (CNRA). 2016. *Delta Smelt Resiliency Strategy*. Available: http://resources.ca.gov/docs/Delta-Smelt-Resiliency-Strategy-FINAL070816.pdf. Accessed: December 3, 2018.
- California Natural Resources Agency (CNRA). 2017. *Delta Smelt Resiliency Strategy Progress Report*. Available: http://resources.ca.gov/docs/Delta-Smelt-Resiliency-Strategy-Update.pdf. Accessed: January 2, 2019.
- Campbell, E. A. and P. B. Moyle. 1991. "Historical and Recent Population Sizes of Spring Run Salmon in California." In *Northeast Pacific Chinook and Coho Salmon Workshop*, edited by T. Hassler, 155–216. American Fisheries Society. Arcata, CA.

- Clear Creek Technical Team (CCTT). 2018. *Clear Creek Technical Team Annual Report for the Coordinated Long-Term Operations Biological Opinion*. Available: http://deltacouncil.ca.gov/sites/default/files/2018/11/Clear%20Creek%20RPA%20Report %202018%20Final%202018.pdf.
- Clemens, B. J., M. G. Mesa, R. J. Magie, D. A. Young, and C. B. Schreck. 2012. Pre-spawning Migration of Adult Pacific Lamprey, *Entosphenus tridentatus*, in the Willamette River, Oregon, U.S.A. *Environmental Biology of Fishes* 93:245–254.
- del Rosario, R. B., Y. J. Redler, K. Newman, P. L. Brandes, T. Sommer, K. Reece, and R. Vincik. 2013. Migration Patterns of Juvenile Winter-Run-Sized Chinook Salmon (Oncorhynchus tshawytscha) through the Sacramento–San Joaquin Delta. *San Francisco Estuary and Watershed Science* 11(1).
- Dooling R. J., and A. N. Popper. 2007. The Effects of Highway Noise on Birds. Report for The California Department of Transportation, Division of Environmental Analysis, 1120 N Street Sacramento, CA 94274. Available: <u>http://www.dot.ca.gov/hq/env/bio/files/caltrans_birds_10-7-2007b.pdf</u>. Accessed: June 11, 2019.
- Dugdale R., F. Wilkerson, A. E. Parker, A. Marchi, K. Taberski. 2012. River Flow and Ammonium Discharge Determine Spring Phytoplankton Blooms in an Urbanized Estuary. *Estuarine, Coastal and Shelf Science* 115:187–199.
- Dugdale, R. C., Wilkerson, F. P., Parker, A. E. 2013. A Biogeochemical Model of Phytoplankton Productivity in an Urban Estuary: The Importance of Ammonium and Freshwater Flow. *Ecological Modelling* 263:291–307.
- Farley, T. C. 1966. Striped Bass, Roccus Saxatilis, Spawning in the Sacramento–San Joaquin River Systems during 1963 and 1964. In Ecological Studies of the Sacramento–San Joaquin Estuary, Part II—Fishes of the Delta, edited by J. L. Turner and D. W. Kelley. California Department of Fish and Game, Fish Bulletin 136.
- Federal Energy Regulatory Commission (FERC). 2007. Final Environmental Impact Statement for Hydropower License, Klamath Hydroelectric Project, FERC Project No. 2082-027. FERC/EIS-0201F. November 16.
- Feyrer, F., and M. Healey. 2003. Fish Community Structure and Environmental Correlates in the Highly Altered Southern Sacramento-San Joaquin Delta. *Environmental Biology of Fishes* 66:123–132.
- Feyrer, F., B. Herbold, S. A. Matern, and P. B. Moyle. 2003. Dietary Shifts in a Stressed Fish Assemblage: Consequences of a Bivalve Invasion in the San Francisco Estuary. *Environmental Biology of Fishes* 67:277–288.
- Feyrer, F., J. Hobbs, S. Acuna, B. Mahardja, L. Grimaldo, M. Baerwald, R. C. Johnson, and S. Teh. 2015. Metapopulation structure of a semi-anadromous fish in a dynamic environment. *Canadian Journal of Fisheries and Aquatic Sciences* 72, no. 5: 709–721.

- Feyrer, F., T. R. Sommer, and R. D. Baxter. 2005. Spatial-Temporal Distribution and Habitat Associations of Age-0 Splittail in the Lower San Francisco Estuary Watershed. *Copeia*, 2005(1): 159–168.
- Feyrer, F., T. Sommer, and W. Harrell. 2006. Managing Floodplain Inundation for Native Fish: Production Dynamics of Age-0 Splittail (*Pogonichthys macrolepidotus*) in California's Yolo Bypass. *Hydrobiologia* 573:213–226.
- Fonken, L. K., and R. J. Nelson. 2014. *The effects of light at night on circadian clocks and metabolism. Endocrine Reviews* 35(4):648–670.
- Garwood, R. S. 2017. Historic and contemporary distribution of Longfin Smelt (*Spirinchus thaleichthys*) along the California coast. *California Fish and Game* 103(3): 96–117.
- Gauthreaux, S. A., and C. G. Balser. 2006. "Effects of Artificial Night Lighting on Migrating Birds." In *Ecological Consequences of Artificial Night Lighting*, edited by C. Rich and T. Longcore, 67–94. Washington: Island Press. Available: https://www.fws.gov/migratorybirds/pdf/management/gauthreauxandbelser2006effectsof artificialnightlighting.pdf. Accessed: June 11, 2019.
- Gibbs, E. 1956. A Report on the King Salmon, Oncorhynchus tshawytscha, in the Upper Trinity River, 1955. California Department of Fish and Game, Inland Fisheries Admin. Report No. 56-10.
- Glibert, P. M., R. C. Dugdale, F. Wilkerson, A. E. Parker, J. Alexander, E. Antell, S. Blaser, A. Johnson, J. Lee, T. Lee, S. M. Urasko and S. Strong. 2014. Major—But Rare—Spring Blooms in 2014 in San Francisco Bay Delta, California, a Result of the Long-Term Drought, Increased Residence Time, and Altered Nutrient Loads and Forms. *Journal of Experimental Marine Biology and Ecology* 460:8–18.
- Gregory, R. S., and C. D. Levings. 1998. Turbidity reduces predation on migrating juvenile Pacific salmon. Transactions of the American Fisheries Society 127:275–285.
- Grimaldo, L. F., T. Sommer, N. Van Ark, G. Jones, E. Holland, P. B. Moyle, P. Smith and B. Herbold. 2009. Factors Affecting Fish Entrainment into Massive Water Diversions in a Freshwater Tidal Estuary: Can Fish Losses Be Managed? North American Journal of Fisheries Management 29(5) 1253–1270. First published online on: 09 January 2011 (iFirst).
- Grimaldo, L., R. E. Miller, C. M. Peregrin, and Z. Hymanson. 2012. Fish Assemblages in Reference and Restored Tidal Freshwater Marshes of the San Francisco Estuary. San Francisco Estuary and Watershed Science 10(1).
- Grimaldo, L., F. Feyrer, J. Burns, and D. Maniscalco. 2017. Sampling Uncharted Waters: Examining Rearing Habitat of Larval Longfin Smelt (*Spirinchus thaleichthys*) in the Upper San Francisco Estuary. *Estuaries and Coasts* 40(6):1771–1784.

- Hanni, J., B. Poytress, and H. N. Blalock-Herod. 2006. Spatial and Temporal Distribution Patterns of Pacific and River Lamprey in the Sacramento and San Joaquin Rivers and Delta. Poster. U.S. Fish and Wildlife Service.
- Hannon, J., and B. Deason. 2008. *American River Steelhead Spawning 2001–2007*. Bureau of Reclamation.
- Hanson, B., R. W. Baird, J. K. B. Ford, J. Hempelmann-Halos, D. M. Van Doonik, J. R. Candy, C. K. Emmons, G. S. Schorr, B. Gisborne, K. L. Ayres, S. K. Wasser, K. C. Balcomb, K. Balcomb-Bartok, J. G. Sneva, and M. J. Ford. 2010. Species and Stock Identification of Prey Consumed by Endangered Southern Resident Killer Whales in Their Summer Range. *Endangered Species Research* 11:69–82.
- Hartman, R., B. Herbold, K. Kayfetz, and S. Culberson. 2017. "Chapter 3. Regional Transport Model Conceptual Model for Tidal Wetland Restoration." In *Effects of Tidal Wetland Restoration on Fish: A Suite of Conceptual Models, edited by* S. Sherman, R. Hartman, and D. Contreras, 81–104. iIEP Technical Report 91. California Department of Water Resources, Sacramento, CA.
- Hassler, T. J. 1988. Species Profiles: Life Histories and Environmental Requirements of Coast Fishes and Invertebrates (Pacific Southwest)—Striped Bass. U.S. Fish and Wildlife Service Biological Report 82(11.82). U.S. Army Corps of Engineers, TR EL-82-4.
- Healey, M. C. 1991. Life History of Chinook Salmon (Oncorhynchus tshawytscha). In Pacific Salmon Life-Histories, edited by C. Groot and L. Margolis, 313–393. Vancouver: UBC 21 Press.
- Herbold, B. 2016. Dutch Slough Adaptive Management and Monitoring Plan. Version 2. June. Available: https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Integrated-Regional-Water-Management/Delta-Ecosystem-Enhancement-Program/Dutch-Slough-Tidal-Restoration-Project/Files/Dutch-Slough-Adaptive-Management-and-Monitoring-Plan-2016.pdf?la=en&hash=62D384EA1C90981E94032AD675D7590CC34C16A5 Accessed: 17 May, 2019.
- Heublein, J. C. 2006. *Migration of Green Sturgeon Acipenser medirostris in the Sacramento River*. M.S. thesis. California State University, San Francisco.
- Heublein, J. C., J. T. Kelly, C. E. Crocker, A. P. Klimley, and S. T. Lindley. 2009. Migration of Green Sturgeon Acipenser medirostris in the Sacramento River. Environmental Biology of Fishes 84:245–258.
- Heublein, J., R. Belmer, R. D. Chase, P. Doukakis, M. Gingras, D. Hampton, J. A. Israel, Z. J. Jackson, R. C. Johnson, O. P. Langness, S. Luis, E. Mora, M. L. Moser, L. Rohrbach, A. M. Seesholtz, and T. Sommer. 2017. *Improved Fisheries Management through Life Stage Monitoring: The Case for the Southern Distinct Population Segment of North American Green Sturgeon and the Sacramento-San Joaquin River White Sturgeon*. National Marine Fisheries Service, NOAA Technical Memorandum NOAA-TM-NMFS-SWFSC-588.

- Hickson, D., and T. Keeler-Wolf. 2007. Vegetation and Land Use Classification and Map of the Sacramento-San Joaquin River Delta. February.
- Hilborn, R., S. P. Cox, F. M. D. Gulland, D. G. Hankin, N. T. Hobbs, D. E. Schindler, and A. W. Trites. 2012. *The Effects of Salmon Fisheries on Southern Resident Killer Whales: Final Report of the Independent Science Panel*. Prepared with the assistance of D.R. Marmorek and A.W. Hall. ESSA Technologies Ltd., Vancouver, B.C. for National Marine Fisheries Service (Seattle. WA) and Fisheries and Oceans Canada (Vancouver. BC). xv + 61 pp. + Appendices.
- Hill, A.M. 2010. *Trinity River Tributaries Steelhead Spawning Survey Report*. California Department of Fish and Wildlife. July. 11 pp.
- ICF International. 2016. *Biological Assessment for the California WaterFix*. July. (ICF 00237.15.) Sacramento, CA. Prepared for United States Department of the Interior, Bureau of Reclamation, Sacramento, CA.
- Interagency Ecological Program, Management, Analysis, and Synthesis Team (IEP MAST). 2015. An updated conceptual model of Delta Smelt biology: our evolving understanding of an estuarine fish. Technical Report 90. January. Interagency Ecological Program for the San Francisco Bay/Delta Estuary, Sacramento, CA.
- Israel, J. A., and A. P. Klimley. 2008. Life History Conceptual Model for North American Green Sturgeon (Acipenser medirostris). Prepared for California Department of Fish and Game, Delta Regional Ecosystem Restoration and Implementation Program. University of California, Davis.
- Israel, J. A., J. F. Cordes, M. A. Blumberg, and B. May. 2004. Geographic Patterns of Genetic Differentiation Among Collections of Green Sturgeon. North American Journal of Fisheries Management 24:922–931.
- Israel, J., A. Drauch, and M. Gingras. 2008. *Life History Conceptual Model for White Sturgeon* (Acipenser transmontanus). University of California, Davis and California Department of Fish and Game, Stockton.
- Jackson, Z. 2013. San Joaquin River Sturgeon Investigations—2011/12 Season Summary. IEP Quarterly Highlights. *IEP Newsletter* Vol. 26 (1): 4–6.
- Jeffres, C. A., J. J. Opperman, and P. B. Moyle. 2008. Ephemeral Floodplain Habitats Provide Best Growth Conditions for Juvenile Chinook Salmon in a California River. *Environmental Biology of Fishes* 83:449–458.
- Kelly, J. T., A. P. Klimley, and C. E. Crocker. 2007. Movements of Green Sturgeon, Acipenser medirostris, in the San Francisco Bay Estuary, California. Environmental Biology of Fishes 79: 281–295.
- Kennedy, T. 2008. Stanislaus River Salmonid Density and Distribution Survey Report (2005-2007). Draft prepared by Fishery Foundation of California for the Bureau of Reclamation Central Valley Project Improvement Act.

- Kennedy, T. and T. Cannon. 2005. Stanislaus River Salmonid Density and Distribution Survey Report (2002-2004). Fishery Foundation of California. Prepared for U.S. Bureau of Reclamation, Central Valley project Improvement Act. October 2005. Available: http://cahatcheryreview.com/wpcontent/uploads/2012/08/20051027StanislausSnorkel_covers2002-2004.doc.
- Kier, M. C., J. Hileman, and K. Lindke. 2018. Annual Report, Trinity River Basin Salmon and Steelhead Monitoring Project: Chinook and Coho Salmon and Fall-Run Steelhead Run-Size Estimates Using Mark-Recapture Methods, 2017-2018 season.
- Kimmerer, W. J. 2002. Effects of Freshwater Flow on Abundance of Estuarine Organisms: Physical Effects or Trophic Linkages? *Marine Ecology Progress Series* 243:39–55.
- Kimmerer, W., and M. Nobriga. 2008. Investigating Particle Transport and Fate in the Sacramento-San Joaquin Delta Using a Particle Tracking Model. *San Francisco Estuary and Watershed Science* 6(1).
- Kimmerer, W. J., E. S. Gross, and M. L. MacWilliams. 2009. Is the Response of Estuarine Nekton to Freshwater Flow in the San Francisco Estuary Explained by Variation in Habitat Volume? *Estuaries and Coasts* 32(2):375–389.
- Kimmerer, W. J., M. L. MacWilliams, and E. S. Gross. 2013. Variation of Fish Habitat and Extent of the Low-Salinity Zone with Freshwater Flow in the San Francisco Estuary. *San Francisco Estuary and Watershed Science* 11(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.
- Kimmerer, W., T. R. Ignoffo, B. Bemowski, J. Moderan, A. Holmes, and B. Bergamaschi. 2018. Zooplankton Dynamics in the Cache Slough Complex of the Upper San Francisco Estuary. San Francisco Estuary and Watershed Science 16(3).
- Klimley, A. P., P. J. Allen, J. A. Israel, and J. T. Kelly. 2007. The Green Sturgeon and Its Environment: Introduction. *Environmental Biology of Fishes* 79:187–190.
- Kohlhorst, D. W. 1976. Sturgeon Spawning in the Sacramento River, as Determined by Distribution of Larvae. *California Fish and Game Bulletin* 62:32–40.
- Kohlhorst, D. W., L. W. Botsford, J. S. Brennan, and G. M. Cailliet. 1991. "Aspects of the Structure and Dynamics of an Exploited Central California Population of White Sturgeon (Acipenser transmontanus)." In Acipenser: Actes du premier colloque international sur l'esturgeon, edited by P. Williot, 277–293. CEMAGREF, Bordeaux, France.
- Kondolf, G. M., J. C. Vick, and T. M. Ramirez. 1996. Salmon Spawning Habitat Rehabilitation in the Merced, Tuolumne, and Stanislaus Rivers, California: An Evaluation of Project Planning and Performance. Water Resources Center Report No. 90. University of California, Davis.

- Kondolf, G. M., A. Falzone, and K. S. Schneider. 2001. *Reconnaissance-Level Assessment of Channel Change and Spawning Habitat on the Stanislaus River downstream of Goodwin Dam.* Report to the U.S. Fish and Wildlife Service. Sacramento, CA. March 22.
- Kormos, B., M, Palmer-Zwahlen, and A. Low. 2012. Recovery of Coded-Wire Tags from Chinook Salmon in California's Central Valley Escapement and Ocean Harvest in 2010. California Department of Fish and Game Fisheries Branch Administrative Report 2012-02. March 2012. 44 pp.
- LaFaunce, D. A. 1967. *A King Salmon Spawning Survey of the South Fork Trinity River, 1964.* The Resources Agency of California, Department of Fish and Game. Region 1, Inland Fisheries.
- Lampman, R. T. 2011. *Passage, Migration, Behavior, and Autoecology of Adult Pacific Lamprey at Winchester Dam and Within the North Umpqua River Basin, Oregon.* M.S. thesis. Oregon State University, Department of Fisheries and Wildlife, Corvallis.
- Larson, Z. S. and M. R. Belchik. 1998. A Preliminary Status Review of Eulachon and Pacific Lamprey in the Klamath River Basin. Yurok Tribal Fisheries Program, Klamath, CA. April.
- Latour, R. J. 2016. Explaining Patterns of Pelagic Fish Abundance in the Sacramento-San Joaquin Delta. *Estuaries and Coasts* 39(1):233–247.
- Leet, W. S., C. M. Dewees, R. Klingbeil, and E. J. Larson. 2001. California's Living Marine Resources: A Status Report. Agriculture and Natural Resources, University of California, Berkeley.
- Lehman, P., S. Mayr, L. Mecum, and C. Enright. 2010. The Freshwater Tidal Wetland Liberty Island, CA Was Both a Source and Sink of Inorganic and Organic Material to the San Francisco Estuary. *Aquatic Ecology* 44(2): 359–372.
- Lehman, P. W., S. Mayr, L. Liu, and A. Tang. 2015. Tidal Day Organic and Inorganic Material Flux of Ponds in the Liberty Island Freshwater Tidal Wetland. *SpringerPlus* 4(1), 273.
- Lindley, S. T., C. Michel, P. T. Sandstrom. 2008. Estimating Reach-Specific Smolt Survival Rates and the Factors Influencing Them from Acoustic Tagging Data. 5th Biennial CALFED Science Conference. October 22–24. Sacramento, CA.
- MacFarlane, R. B. and E. C. Norton. 2002. Physiological Ecology of Juvenile Chinook Salmon (*Oncorhynchus tshawytscha*) at the Southern End of Their Distribution, the San Francisco Estuary and Gulf of the Farallones, California. *Fisheries Bulletin* 100:244–257.
- Mac Nally, R., J. R. Thomson, W. J. Kimmerer, F. Feyrer, K. B. Newman, A. Sih, W. A. Bennett, L. Brown, E. Fleishman, S. D. Culberson, and G. Castillo. 2010. Analysis of Pelagic Species Decline in the Upper San Francisco Estuary Using Multivariate Autoregressive Modeling (MAR). *Ecological Applications* 20:1417–1430.

- Martin, C. D., P. D. Gaines, and R. R. Johnson. 2001. *Estimating the Abundance of Sacramento River Winter Chinook Salmon with Comparisons to Adult Escapement*. Red Bluff Research Pumping Plant Report Series, Volume 5. U.S. Fish and Wildlife Service.
- Matern, S.A., P. B. Moyle, and L. C. Pierce. 2002. Native and Alien Fishes in a California Estuarine Marsh: Twenty-One Years of Changing Assemblages. *Transactions of the American Fisheries Society* 131(5): 797–816. doi: http://dx.doi.org/10.1577/1548-8659(2002)131<0797:NAAFIA>2.0.CO;2.
- Maunder, M. N., and R. B. Deriso. 2011. A State-Space Multistage Life Cycle Model to Evaluate Population Impacts in the Presence of Density Dependence: Illustrated with Application to Delta Smelt (*Hypomesus transpacificus*). Canadian Journal of Fisheries and Aquatic Sciences 68:1285–1306.
- Maunder, M. N., R. B. Deriso, and C. H. Hanson. 2015. Use of State-Space Population Dynamics Models in Hypothesis Testing: Advantages over Simple Log-Linear Regressions for Modeling Survival, Illustrated with Application to Longfin Smelt (Spirinchus thaleichthys). Fisheries Research 164:102–111.
- McBain & Trush. 1997. *Trinity River Maintenance Flow Study Final Report*. Prepared for Hoopa Valley Tribe Fisheries Department, Hoopa, CA.
- McCabe, G. T., and C. A. Tracy. 1994. Spawning and Early-life History of White Sturgeon, Acipenser transmontanus, in the Lower Columbia River. *Fishery Bulletin* 92:760–772.
- McClure, C. J. W., H. E. Ware, J. Carlisle, G. Kaltenecker, and J. R. Barber. 2013. An Experimental Investigation into the Effects of Traffic Noise on Distributions of Birds: Avoiding the Phantom Road. *Proceedings of the Royal Society B / Biological Sciences* 280(1773): 1–9.
- McEwan, D., and T. A. Jackson. 1996. *Steelhead Restoration and Management Plan for California*. California Department of Fish and Game, Sacramento, CA.
- Meng, L., and P. B. Moyle. 1995. Status of Splittail in the Sacramento-San Joaquin Estuary. *Transactions of the American Fisheries Society* 124:538–549.
- Merz, J. E., S. Hamilton, P.S. Bergman and B. Cavallo. 2011. Spatial Perspective for Delta Smelt: A Summary of Contemporary Survey Data. *California Fish and Game* 97(4): 164–189. Available: http://www.genidaqs.net/reports/2011/CA_Fish-Game_97_164-189.pdf.
- Merz, J., B. Rook, C. Watry, and S. Zeug. 2012. Evaluation of the 2008-2010 Sailor Bar Gravel Placements on the Lower American River, California. 2010-2011 Data Report. Prepared for City of Sacramento Water Forum, and Bureau of Reclamation and U.S. Fish and Wildlife Service, CVPIA Gravel Program. Contract 2010-1049.

- Michel, C. J. 2018. Decoupling outmigration from marine survival indicates outsized influence of streamflow on cohort success for California's Chinook salmon populations. Canadian Journal of Fisheries and Aquatic Sciences:1-13.
- Miller, W. J., B. F. J. Manly, D. D. Murphy, D. Fullerton, and R. R. Ramey. 2012. An Investigation of Factors Affecting the Decline of Delta Smelt (Hypomesus transpacificus) in the Sacramento-San Joaquin Estuary. *Reviews in Fisheries Science* 20(1): 1–19.
- Moffett, J. W. and S. H. Smith. 1950. Biological Investigations of the Fishery Resources of the Trinity River, California. USFWS Special Science Report. *Fisheries Bulletin* No. 12.
- Monismith, S., M. Fabrizio, M. Healey, J. Nestler, K. Rose, and J. Van Sickle. 2014. Workshop on the Interior Delta Flows and Related Stressors Panel Summary Report. Delta Stewardship Council. July 2014. Available: http://deltacouncil.ca.gov/sites/default/files/documents/files/Int-Flows-and-Related-Stressors-Report.pdf.
- Moyle, P. B. 2002. Inland Fishes of California. Berkeley, CA: University of California Press.
- Moyle, P. B., B. Herbold, D. E. Stevens, and L.W. Miller. 1992. Life History and Status of Delta Smelt in the Sacramento-San Joaquin Estuary, California. *Transactions of the American Fisheries Society* 121:67–77.
- Moyle, P. B., L. R. Brown, S. D. Chase, and R. M. Quinones. 2009. Status and Conservation of Lampreys in California. *American Fisheries Society Symposium* 72: 279–292.
- Moyle, P. B., R. M. Yoshiyama, J. E. Williams, and E. D. Wikramanayake. 1995. Fish Species of Special Concern in California. Prepared by Department of Wildlife and Fisheries Biology, University of California, Davis for California Department of Fish and Game, Inland Fisheries Division, Rancho Cordova.
- Moyle, P. B., R. D. Baxter, T. Sommer, T.C. Foin, and S. A. Matern. 2004. Biology and Population Dynamics of Sacramento Splittail (*Pogonichthys macrolepidotus*) in the San Francisco Estuary: A Review. San Francisco Estuary and Watershed Science 2: Article 3.
- Moyle, P. B., and W. A. Bennett. 2008. "Technical Appendix D: Comparing futures for the Sacramento–San Joaquin Delta." In *The Future of the Delta Ecosystem and Its Fish*. Public Policy Institute of California.
- Moyle, P. B., R. M. Quiñones, J. V. Katz, and J. Weaver. 2015. *Fish Species of Special Concern in California*. California Department of Fish and Wildlife; Sacramento, CA. July.
- Murphy, D. D. and S. A. Hamilton. 2013. Eastern Migration or Marshward Dispersal: Exercising Survey Data to Elicit an Understanding of Seasonal Movement of Delta Smelt. San Francisco Estuary and Watershed Science 11(3). Available: https://escholarship.org/uc/item/4jf862qz.

- Myers, J. M., R. G. Kope, G. J. Bryant, D. Teel, L. J. Lierheimer, T. C. Wainwright, W. S. Grant, F. W. Waknitz, K. Neely, S. T. Lindley, and R. S. Waples. 1998. *Status Review of Chinook Salmon from Washington, Idaho, Oregon, and California*. U.S. Department Commerce, NOAA Technical Memorandum NMFS-NWFSC-35.
- National Marine Fisheries Service (NMFS). 1993. *Biological Opinion for the Los Vaqueros Reservoir Project*. Number 5004. Southwest Region, Long Beach, California. Issued March 18, 1993.
- National Marine Fisheries Service (NMFS). 2007. *Biological Opinion for the Contra Costa Water District's Alternative Intake Project*. NOAA (National Oceanic and Atmospheric Administration), National Marine Fisheries Service. Issued July 13, 2007.
- National Marine Fisheries Service (NMFS). 2008. *Recovery Plan for Southern Resident Killer Whales* (Orcinus orca). National Marine Fisheries Service, Northwest Region, Seattle, WA.
- National Marine Fisheries Service (NMFS). 2009. *Biological Opinion and Conference Opinion* on the Long-Term Operations of the Central Valley Project and State Water Project. National Marine Fisheries Service Southwest Region. June 4.
- National Marine Fisheries Service (NMFS). 2010. Letter of concurrence to Bureau of Reclamation in response to Reclamation's request for concurrence that the Los Vaqueros Reservoir Expansion (LVE) Project is not likely to affect listed species or critical habitat. October 15, 2010.
- National Marine Fisheries Service (NMFS). 2012. Public Draft Recovery Plan for Southern Oregon/Northern California Coast Coho Salmon (Oncorhynchus kisutch). National Marine Fisheries Service. Arcata, CA.
- National Marine Fisheries Service (NMFS). 2014a. *Recovery Plan for the Evolutionarily* Significant Units of Sacramento River Winter-run Chinook Salmon and Central Valley Spring-run Chinook Salmon and the Distinct Population Segment of California Central Valley Steelhead. California Central Valley Area Office. July 2014.
- National Marine Fisheries Service (NMFS). 2014b. *Final Recovery Plan for the Southern Oregon/Northern California Coast Evolutionarily Significant Unit of Coho Salmon* (Oncorhynchus kisutch). National Marine Fisheries Service. Arcata, CA.
- National Marine Fisheries Service (NMFS). 2014c. Recovery Plan for the Evolutionarily Significant Units of Sacramento River Winter-Run Chinook Salmon and Central Valley Spring-Run Chinook Salmon and the Distinct Population Segments of California Central Valley Steelhead. National Marine Fisheries Service West Coast Region. July.
- National Marine Fisheries Service (NMFS). 2016. 2016 5-Year Review: Summary & Evaluation of Eulachon. National Marine Fisheries Service, West Coast Region. Portland, OR.

- National Marine Fisheries Service (NMFS). 2017. Endangered Species Act (ESA) Section 7(a)(2) Biological Opinion and Magnuson-Stevens Fishery Conservation and Management Act Essential Fish Habitat (EFH) Response for Rock Slough Fish Screen Facilities Improvement Project NMFS Consultation Number: ARN 151422WCR2014-SA00018 / PCTS# WCR-2017-6161. Issued June 29, 2017.
- National Marine Fisheries Service (NMFS), Bureau of Reclamation (Reclamation), and California Department of Fish and Wildlife (CDFW). 2017. *Hatchery and Genetics Management Plan for Trinity River Hatchery Coho Salmon*. Arcata, CA. December 2017.
- National Research Council (NRC). 2004. *Endangered and Threatened Fishes in the Klamath River Basin: Causes of Decline and Strategies for Recovery*. Washington, D.C.: The National Academies Press. Available: https://doi.org/10.17226/10838.
- Newman, K. B. 2003. Modelling paired release-recovery data in the presence of survival and capture heterogeneity with application to marked juvenile salmon. *Statistical Modelling* 3:157–177.
- Newman, K. B., and P. L. Brandes. 2010. Hierarchical modeling of juvenile Chinook salmon survival as a function of Sacramento-San Joaquin Delta water exports. *North American Journal of Fisheries Management* 30:157–169.
- Nislow, K. H., and J. D. Armstrong. 2012. Towards a life-history-based management framework for the effects of flow on juvenile salmonids in streams and rivers. *Fisheries Management and Ecology* 19:451–463.
- Nobriga, M. and P. Cadrett. 2001. Differences among Hatchery and Wild Steelhead: Evidence from Delta Fish Monitoring Programs. *IEP Newsletter* Vol. 14, No. 3. Summer.
- Nobriga, M. L., F. Feyrer, R. D. Baxter and M. Chotkowski. 2005. Fish Community Ecology in an Altered River Delta: Spatial Patterns in Species Composition, Life History Strategies and Biomass. *Estuaries* 28:776–785.
- Nobriga, M.L., T.R. Sommer, F. Feyrer and K. Fleming. 2008. Long-Term Trends in Summertime Habitat Suitability for Delta Smelt. *San Francisco Estuary and Watershed Science* 6(1). Available: http://escholarship.org/uc/item/5xd3q8tx/.
- Nobriga, M. L., and J. A. Rosenfield. 2016. Population Dynamics of an Estuarine Forage Fish: Disaggregating Forces Driving Long-Term Decline of Longfin Smelt in California's San Francisco Estuary. *Transactions of the American Fisheries Society* 145(1): 44–58.
- North Coast Regional Water Quality Control Board (NCRWQCB) and U.S. Department of the Interior, Bureau of Reclamation (Reclamation). 2009. *Channel Rehabilitation and Sediment Management for Remaining Phase 1 and Phase 2 Sites, Draft Master Environmental Impact Report and Environmental Assessment.* June.

North Coast Regional Water Quality Control Board (NCRWQCB); . 2013.

- Northern California Water Association (NCWA). 2014. *The Bay-Delta Conservation Plan* (*BDCP*) and its Impacts on Regional Sustainability in the North State. North State Water Alliance. Letter to Secretary John Laird, California Natural Resources Agency. Available: http://www.norcalwater.org/wpcontent/uploads/NSWA_BDCP_Submittal_7_2014.pdf.
- Ouyang, J. Q., S. Davies, and D. Dominoni. 2018. Hormonally Mediated Effects of Artificial Light at Night on Behavior and Fitness: Linking Endocrine Mechanism with Function. The Company of Biologists. *Journal of Experimental Biology*. 11 pp. Available: <u>https://jeb.biologists.org/content/jexbio/221/6/jeb156893.full.pdf</u>.
- Pacific States Marine Fisheries Commission (PSFMC). 2014. Juvenile Salmonid Emigration Monitoring in the Lower American River, California January–June 2013. Unpublished report prepared for the U.S. Fish and Wildlife Service and California Department of Fish and Wildlife, Sacramento, California. 54 pp.
- Painter, R. L., L. Wixom, and L. Meinz. 1979. American Shad Management Plan for the Sacramento River Drainage. Anadromous Fish Conservation Act Project AFS-17, Job 5. CDFG, Sacramento.
- Parker, Alexander E., Richard C. Dugdale, and Frances P. Wilkerson. 2012. Elevated Ammonium Concentrations from Wastewater Discharge Depress Primary Productivity in the Sacramento River and the Northern San Francisco Estuary. *Marine Pollution Bulletin* 64:574–586.
- Parkyn, D. C., J. D. Austin, and C. W. Hawryshyn. 2003. Acquisition of Polarized-Light Orientation in Salmonids under Laboratory Conditions. *Animal Behavious* 65:891–904.
- Perales, K. M., J. Rowan and P. B. Moyle. 2015. Evidence of Landlocked Chinook Salmon Populations in California. North American Journal of FisheriesManagement 35:6, 1101– 1105. DOI: 10.1080/02755947.2015.1082518.
- Perry, R. W., P. L. Brandes, J. R. Burau, P. T. Sandstrom, and J. R. Skalski. 2015. Effect of Tides, River Flow, and Gate Operations on Entrainment of Juvenile Salmon into the Interior Sacramento–San Joaquin River Delta. *Transactions of the American Fisheries* Society 144:445–455.
- Perry, R. W., A. C. Pope, J. G. Romine, P. L. Brandes, J. R. Burau, A. R. Blake, A. J. Ammann, and C. J. Michel. 2018. Flow-Mediated Effects on Travel Time, Routing, and Survival of Juvenile Chinook Salmon in a Spatially Complex, Tidally Forced River Delta. *Canadian Journal of Fisheries and Aquatic Sciences* 75(11): 1886–1901. Available: <u>https://doi.org/10.1139/cjfas-2017-0310</u>
- Peterson, J. T and M. F. Barajas. 2018. An Evaluation of Three Fish Surveys in the San Francisco Estuary, California, 1995–2015. *San Francisco Estuary and Watershed* 16(4), Article 2.

- Petersen Lewis, R. S. 2009. Yurok and Karuk traditional Ecological Knowledge: Insights into Pacific Lamprey Populations of the Lower Klamath Basin. *American Fisheries Society Symposium* 72:1–39.
- Phillis, C. C., A. M. Sturrock, R. C. Johnson, P. K. Weber. 2018. Endangered Winter-Run Chinook Salmon Rely on Diverse Rearing Habitats in a Highly Altered Landscape. *ScienceDirect*. January. Volume 217:358–362. Available: https://doi.org/10.1016/j.biocon.2017.10.023.
- Pierce, D. W., D. R. Cayan, and B. L. Thrasher. 2014. Statistical Downscaling Using Localized Constructed Analogs (LOCA). *Journal of Hydrometeorology* 15: 2558–2585.
- Pinnix, W. D., and S. Quinn. 2009. Juvenile Salmonid Monitoring on the Mainstem Trinity River at Willow Creek, California, 2006–2007. U.S. Fish and Wildlife Service, Arcata Fish and Wildlife Office. Arcata Fisheries Data Series Report Number DS 2009-16, Arcata, CA.
- Pinnix, W. D., A. Heacock, and P. Petros. 2013. Juvenile Salmonid Monitoring on the Mainstem Trinity River, California, 2011. U.S. Fish and Wildlife Service, Arcata Fish and Wildlife Office, Yurok Tribal Fisheries Program, and Hoopa Valley Tribal Fisheries Department. Arcata Fisheries Data Series Report Number DS2013-29, Arcata, CA.
- Poff, N. L., D. J. Allan, M. B. Bain, J. R. Karr, K. L. Prestegaard, B. D. Richter, R. E. Sparks, and J. C. Stromberg. 1997. The Natural Flow Regime. *BioScience* 47(11): 769–784.
- Polansky, L., K. B. Newman and M. L. Nobriga, and L. Mitchell. 2018. Spatiotemporal Models of an Estuarine Fish Species to Identify Patterns and Factors Impacting Their Distribution and Abundance. *Estuaries and Coasts* 41(2): 572–581.
- Poytress, W. R., J. J. Gruber, C. E. Praetorius, and J. P. Van Eenennaam. 2013. 2012 Upper Sacramento River Green Sturgeon Spawning Habitat and Young-of-the-Year Migration Surveys. Annual Report of U.S. Fish and Wildlife Service to U.S. Bureau of Reclamation, Red Bluff, CA.
- Putman, N. F., M. M. Scanlan, E. J. Billman, J. P. O'Neil, R. B. Couture, T. P. Quinn, K. J. Lohmann, and D. L. G. Noakes. 2014. An Inherited Magnetic Map Guides Ocean Navigation in Juvenile Pacific salmon. *Current Biology* 24:446–450.
- Quinn, T. P. 1980. Evidence for Celestial and Magnetic Compass Orientation in Lake Migrating Sockeye Salmon Fry. *Journal of Comparative Physiology* 137:243–248.
- Quinn, T. P., and E. L. Brannon. 1982. The Use of Celestial and Magnetic Cues by Orienting Sockeye Salmon Smolts. *Journal of Comparative Physiology* 147:547–552.
- Radtke, L. D. 1966. Distribution of Smelt, Juvenile Sturgeon, and Starry Flounder in the Sacramento-San Joaquin Delta with Observations on Food of Sturgeon. Edited by S. L. Turner and D. W. Kelley. Ecological Studies of the Sacramento-San Joaquin Delta, Part II. *California Department of Fish and Game Fish Bulletin* 136:115–129.

Raney, F. 1963. Rice Water Temperature. California Agriculture. September 1963.

- Richey, A., A. Robinson, and D. Senn. 2018. *Operation Baseline Science and Monitoring Needs. A memorandum summarizing the outcomes of a stakeholder workshop and surveys.* October 3. San Francisco Estuary Institute-Aquatic Science Center. Available: http://deltacouncil.ca.gov/docs/operation-baseline-science-and-monitoring-needs. Accessed: 17 May, 2019.
- Reis-Santos, P., S. D. McCormick, and J. M. Wilson. 2008. Ionoregulatory Changes during Metamorphosis and Salinity Exposure of Juvenile Sea Lamprey (*Petromyzon marinus* L.). *The Journal of Experimental Biology* 211:978–988.
- Roberts, J. 2007. *Timing, Composition, and Abundance of Juvenile Anadromous Salmonid Emigration in the Sacramento River near Knights Landing, October 2001–July 2002.* California Department of Fish and Game, North Central Region Fisheries Program.
- Robinson, T. C., and J. M Bayer. 2005. Upstream Migration of Pacific Lampreys in the John Day River, Oregon: Behavior, Timing, and Habitat Use. *Northwest Science* 79:106–119.
- Rose, K. A., W. J. Kimmerer, K. P. Edwards, and W. A. Bennett. 2013. Individual-Based Modeling of Delta Smelt Population Dynamics in the Upper San Francisco Estuary: II. Alternative Baselines and Good versus Bad Years. *Transactions of the American Fisheries Society* 142(5): 1260–1272.
- Rosenfield, J. A., and R. D. Baxter. 2007. Population Dynamics and Distribution Patterns of Longfin Smelt in the San Francisco Estuary. *Transactions American Fisheries Society* 136:1577–1592.
- Rutter, C. 1908. *The Fishes of the Sacramento-San Joaquin Basin, with a Study of their Distribution and Variation*. Document No. 637.
- Salmonid Scoping Team (SST). 2017. Effects of Water Project Operations on Juvenile Salmonid Migraiton and Survival in the South Delta. Prepared for: Collaborative Adaptive Management Team. Available: <u>https://www.fisheries.noaa.gov/resource/document/effects-water-project-operations-juvenile-salmonid-migration-and-survival-south</u>.
- San Francisco Estuary Institute—Aquatic Science Center (SFEI). 2012. Sacramento-San Joaquin Delta Historical Ecology Investigation: Exploring Pattern and Process. Prepared for the California Department of Fish and Game and Ecosystem Restoration Program. Historical Ecology Program Publication #672. August.
- San Joaquin River Group Authority (SJRGA). 2011. 2010 Annual Technical Report, on Implementation and Monitoring of the San Joaquin River Agreement and the Vernalis Adaptive Management Plan (VAMP). Available: http://www.sjrg.org/technicalreport/2010/2010_SJRGA_Annual_Technical_Report.pdf.

- San Joaquin River Group Authority (SJRGA). 2013. 2011 Annual Technical Report, San Joaquin River Agreement, Vernalis Adaptive Management Plan. San Joaquin River Group Authority. Available: <u>http://www.sjrg.org/technicalreport/2011/2011_SJRGA_AnnualTechnicalReport.pdf.</u>
- Schaffter, R. 1997. White Sturgeon Spawning Migrations and Location of Spawning Habitat in the Sacramento River, California. *California Department of Fish and Game* 83:1–20.
- Scheiff, A. J., J. S. Lang, and W. D. Pinnix. 2001. Juvenile Salmonid Monitoring on the Mainstem Klamath River at Big Bar and Mainstem Trinity River at Willow Creek 1997– 2000. Annual report of the Klamath River Fisheries Assessment Program. U.S. Fish and Wildlife Service, Arcata Fish and Wildlife Office, Arcata, CA.
- Schenker M. B., S. A. McCurdy, H. E. Riden, D. Villarejo. 2015. Improving the Health of Agricultural Workers and Their Families in California: Current status and policy recommendations. University of California Global Health Institute. February. Available: <u>https://ucghi.universityofcalifornia.edu/sites/default/files/ucghi-ag-work-paper-2015.pdf.</u> Accessed: March 21, 2019.
- Schick, R. S., A. L. Edsall, and S. T. Lindley. 2005. *Historical and Current Distribution of Pacific Salmonids in the Central Valley, CA*. National Oceanic and Atmospheric Administration. National Marine Fisheries Service. Technical Memorandum NOAA-TM-NMFS-SWFSC- 369:1-30. Santa Cruz, CA.
- Schultz, A. A., editor. 2019. Directed Outflow Project Technical Report. U. S. Bureau of Reclamation, Bay-Delta Office, Mid-Pacific Region, Sacramento, CA. Technical Report – Final Draft. June 2019, 402 pp.
- Scott, W. B. and E. J. Crossman. 1973. *Freshwater Fishes of Canada*. Fisheries Research Board of Canada, Ottawa. Bulletin No. 184. 966 pp.
- Shapovalov and Taft. 1954. The Life Histories of Steelhead Rainbow Trout (Salmo gairdneri gairdneri) and Silver Salmon (Oncorhynchus kisutch). California Fish Bulletin 98. 375pp.
- Skinner, J. E. 1962. An Historical Review of the Fish and Wildlife Resources of the San Francisco Bay Area. (Water Projects Branch Report No. 1.) California Department of Fish and Game. Sacramento, CA.
- Snider, B., and R. G. Titus. 1998. Evaluation of Juvenile Anadromous Salmonid Emigration in the Sacramento River near Knights Landing, November 1995–July 1996. California Department of Fish and Game, Environmental Services Division, Stream Evaluation Program.
- Snider, B. and R. G. Titus. 2000a. Timing, Composition, and Abundance of Juvenile Anadromous Salmonid Emigration in the Sacramento River near Knights Landing, October 1996–September 1997. California Department of Fish and Game, Habitat Conservation Division, Stream Evaluation Program Technical Report No. 00-04.

- Snider, B. and R. G. Titus. 2000b. Timing, Composition, and Abundance of Juvenile Anadromous Salmonid Emigration in the Sacramento River near Knights Landing, October 1997–September 1998. California Department of Fish and Game, Habitat Conservation Division, Stream Evaluation Program Technical Report No. 00-05.
- Snider, B., and R. G. Titus. 2000c. Timing, Composition, and Abundance of Juvenile Anadromous Salmonid Emigration in the Sacramento River near Knights Landing, October 1998–September 1999. California Department of Fish and Game, Habitat Conservation Division, Native Anadromous Fish and Watershed Branch, Stream Evaluation Program Technical Report No. 00-6.
- Snider, B., and R. Titus. 2002. Lower American River Emigration Survey October 1998– September 1999. California Department of Fish and Game, Habitat Conservation Division, Stream Evaluation Program.
- Snyder, J. O. 1931. Salmon of the Klamath River, California. *California Department of Fish and Game Bulletin* 34. 130 pp.
- Sommer, T. R., M. Nobriga, W. Harrell, W. Batham, and W. Kimmerer. 2001. Flooplain Rearing of Juvenile Chinook Salmon: Evidence of Enhanced Growth and Survival. *Canadian Journal of Fisheries and Aquatic Sciences* 58:325–333.
- Sommer, T. R., R. Baxter, and B. Herbold. 1997. Resilience of Splittail in the Sacramento–San Joaquin Estuary. *Transactions of the American Fisheries Society* 126: 961–976.
- Sommer, T., R. Baxter, and F. Feyrer. 2007. Splittail Revisited: How Recent Population Trends and Restoration Activities Led to the "Delisting" of this Native Minnow. In M. J. Brouder and J. A. Scheuer, editors. Status, Distribution, and Conservation of Freshwater Fishes of Western North America. *American Fisheries Society Symposium* 53:25–38.
- Sommer, T. R., W. C. Harrell, Z. Matica, and F. Feyrer. 2008. Habitat Associations and Behavior of Adult and Juvenile Splittail (Cyprinidae: *Pogonichthys macrolepidotus*) in a Managed Seasonal Floodplain Wetland. *San Francisco Estuary and Watershed Science* 6(2). Available: <u>http://www.escholarship.org/uc/item/85r15611.</u>
- Sommer, T. C., Mejia, F., Nobriga, M. L., Feyrer, F., and L. Grimaldo. 2011. The Spawning Migration of Delta Smelt in the Upper San Francisco Estuary. San Francisco Estuary and Watershed Science 9(2). San Francisco Estuary and Watershed Science, John Muir Institute of the Environment, UC Davis. Available: http://escholarship.org/uc/item/86m0g5sz.
- Sommer, T. and F. Mejia. 2013. A Place to Call Home: A Synthesis of Delta Smelt Habitat in the Upper San Francisco Estuary. *San Francisco Estuary and Watershed Science* 11(2). <u>https://escholarship.org/uc/item/32c8t244.</u>
- Sommer, T., L. Conrad, T. Swift, and M. Koller. 2018. Work Plan for Monitoring and Assessment of Proposed Suisun Marsh Salinity Control Gates Action, 2018-2020. California Department of Water Resources, May 22, 2018.

- Stanislaus Operations Group (SOG). 2012. Annual Report of Activities, October 1, 2011 to September 30, 2012. October.
- Stanislaus River Fish Group (SRFG). 2003. A Plan to Restore Anadromous Fish Habitat in the Lower Stanislaus River. Review Draft.
- Stanislaus River Fish Group (SRFG). 2004. A Summary of Fisheries Research in the Lower Stanislaus River. Working Draft. March 10.
- State Water Contractors (SWC) and San Luis & Delta-Mendota Water Authority (SLDMWA). 2017. A Template and Guide for Adaptively Managing Operations of the Suisun Marsh Salinity Control Gates to Benefit Delta Smelt. November 2017.
- State Water Resources Control Board (SWRCB). 1990. Order: WR 90-5. Order Setting Terms and Conditions for Fishery Protection and Setting a Schedule for Completion of Tasks. Available:

https://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/california_waterfix/exhibits/docs/swrcb_24.pdf.

- State Water Resources Control Board (SWRCB). 1995. *Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary*. Available: https://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/wq_contro l_plans/1995wqcp/docs/1995wqcpb.pdf. Accessed: February 18, 2019.
- State Water Resources Control Board (SWRCB). 2000. *Revised Water Right Decision 1641*. Available: https://www.waterboards.ca.gov/waterrights/board_decisions/adopted_orders/decisions/d 1600_d1649/wrd1641_1999dec29.pdf. Accessed: February 18, 2019.
- State Water Resources Control Board (SWRCB). 2006. *Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary*. Available: https://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/wq_contro l_plans/2006wqcp/docs/2006_plan_final.pdf. Accessed: February 18, 2019.
- State Water Resources Control Board (SWRCB). 2012. Public Draft, Substitute Environmental Document in Support of Potential Changes to the Water Quality Control Plan for the San Francisco Bay-Sacramento/San Joaquin Delta Estuary: San Joaquin River Flows and Southern Delta Water Quality. December.
- State Water Resources Control Board (SWRCB). 2015. Response from U.S. Bureau of Reclamation on New Melones Operations. E-mail from Ronald Milligan (Reclamation) to Tom Howard (SWRCB) with Attachments. Dated April 8, 2015. Available: <u>http://www.waterboards.ca.gov/waterrights/water_issues/programs/drought/tucp/index.sh</u> <u>tml.</u>
- Stevens, D. E., and L. W. Miller. 1970. Distribution of Sturgeon Larvae in the Sacramento-San Joaquin River system. *California Fish and Game* 56:80-86.

- Stillwater Sciences. 2007. *The Merced River Alliance Project Interim Biological Monitoring and Assessment Report.* Prepared for East Merced Resource Conservation District, Merced, California, and State Water Resources Control Board.
- Surface Water Resources, Inc. (SWRI). 2001. Aquatic Resources of the Lower American River: Baseline Report. Draft Report. Prepared for the Lower American River Fisheries and Instream Habitat (FISH) Working Group.
- Tehama-Colusa Canal Authority (TCCA). 2008. "Fishery Resources, Appendix B." In *Fish Passage Improvement Project at the Red Bluff Diversion Dam EIS/EIR*. Prepared by CH2M HILL, State Clearinghouse No. 2002-042-075.
- Thomson, J. R., W.J. Kimmerer, L.R. Brown, K.B. Newman, R. Mac Nally, W. A. Bennett, F. Feyrer, and E. Fleishman. 2010. Bayesian Change Point Analysis of Abundance Trends for Pelagic Fishes in the Upper San Francisco Estuary. *Ecological Applications* 20(5): 1431–1448.
- Thompson, L., M. I. Escobar, C. M. Mosser, D. R. Purkey, D. Yates, and P. Moyle, 2012. Water Management Adaptations to Prevent Loss of Spring-Run Chinook Salmon in California under Climate Change. *Journal of Water Resources Planning and Management* 138(5): 465–478. Available: https://doi.org/10.1061/(ASCE)WR.1943-5452.000019.
- Ueda, H., M. Kaeriyama, K. Mukasa, A. Urano, H. Kudo, T. Shoji, Y. Tokumitsu, K. Yamauchi, and K. Kurihara. 1998. Lacustrine Sockeye Salmon Return Straight to Their Natal Area from Open Ocean Water Using Both Visual and Olfactory Cues. *Chemical Senses* 23:207–212.
- U.S. Department of the Interior (USDOI). 1993. *Fishing Rights of the Yurok and Hoopa Valley Tribes, M-36979.* October 1993. Available: <u>https://www.doi.gov/sites/doi.opengov.ibmcloud.com/files/uploads/M-</u><u>36979.compressed.pdf</u>. Accessed: November 19, 2019.
- U.S. Department of the Interior (USDOI) and California Department of Water Resources (DWR). 1986. Agreement between the United States of America and the State of California for the Coordinated Operation of the Central Valley Project and the State Water Project. Available: https://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/california_ waterfix/exhibits/docs/petitioners_exhibit/glenn/gcid_1.pdf. Accessed: March 11, 2019.
- U.S. Department of the Interior (USDOI). 2000. *Record of Decision, Trinity River Mainstem Fishery Restoration Final Environmental Impact Statement/Environmental Impact Report*. December. Available: http://www.trrp.net/library/document/?id=227. Accessed: March 29, 2019.

- U.S. Department of the Interior (USDOI) and California Department of Fish and Game (CDFG). 2012. *Klamath Facilities Removal Final Environmental Impact Statement/Environmental Impact Report*. December. Drought Monitor. 2015. <u>http://droughtmonitor.unl.edu/MapsAndData/Data Tables.Aspx.</u> Accessed: October 29, 2015.
- U.S. Department of the Interior, Bureau of Reclamation (Reclamation). 2008. *Biological* Assessment on the Continued Long-Term Operations of the Central Valley Project and the State Water Project. August. Mid-Pacific Region. Sacramento, CA.
- U.S. Department of the Interior, Bureau of Reclamation (Reclamation). 2010. New Melones Lake Area Final Resource Management Plan and Environmental Impact Statement. February 2010.
- U.S. Department of the Interior, Bureau of Reclamation (Reclamation). 2011. *Shasta/Trinity River Division Project, Project Data.* April 2011. Available: http://www.usbr.gov/projects/Project.jsp?proj_Name=Shasta/Trinity River Division Project&pageType=ProjectDataPage. Accessed: January 26, 2015.
- U.S. Department of the Interior, Bureau of Reclamation (Reclamation). 2012a. Stanislaus River Focus Group Meeting October 10, 2012, Handouts.
- U. S. Department of the Interior, Bureau of Reclamation (Reclamation). 2012b. *Economics and Tribal Summary Technical Report – For the Secretarial Determination on Whether to Remove Four Dams on the Klamath River in California and Oregon.* July.
- U.S. Department of the Interior, Bureau of Reclamation (Reclamation). 2017. Record of Decision, Long-Term Plan to Protect Adult Salmon in the Lower Klamath River. Available: https://www.usbr.gov/mp/nepa/nepa_project_details.php?Project_ID=22021. Accessed: March 29, 2019.
- U.S. Department of the Interior, Bureau of Reclamation (Reclamation). 2019. *Final Biological* Assessment for the Reinitiation of Consultation on the Coordinated Long-Term Operation of the Central Valley Project and State Water Project. Central Valley Project, California. Mid-Pacific Region. Sacramento, CA. September.
- U.S. Department of the Interior, Bureau of Reclamation (Reclamation) and California Department of Fish and Game (CDFG). 2011. *Final Environmental Impact Statement/Environmental Impact Report for the Nimbus Hatchery Fish Passage Project*. Prepared by Tetra Tech. August. Rancho Cordova, CA.
- U.S. Department of the Interior, Bureau of Reclamation (Reclamation) and California Department of Fish and Wildlife (CDFW). 2017. *Hatchery and Genetics Management Plan for Trinity River Hatchery Coho Salmon*. Shasta Lake, CA, December 2017. 117 pp.
- U.S. Department of the Interior, Bureau of Reclamation (Reclamation) and California Department of Water Resources (DWR). 2008. *Plan Formulation Report, Upper San Joaquin River Basin Storage Investigation*. October.

- U.S. Department of the Interior, Bureau of Reclamation (Reclamation) and California Department of Water Resources (DWR). 2011. San Joaquin River Restoration Program Draft Program Environmental Impact Statement/Environmental Impact Report. April.
- U.S. Department of the Interior, Bureau of Reclamation (Reclamation) and State Water Resources Control Board (SWRCB). 2003. *Battle Creek Salmon and Steelhead Restoration Project. Draft Environmental Impact Statement/Environmental Impact Report.* July 2003.
- U.S. Department of the Interior, Bureau of Reclamation (Reclamation) and Trinity County. 2006. Indian Creek Rehabilitation Site: Trinity River Mile 93.7 to 96.5, Revised Environmental Assessment/Recirculated Partial Draft Environmental Impact Report. November 14.
- U.S. Department of the Interior, Bureau of Reclamation (Reclamation), California Department of Fish and Game, and U.S. Fish and Wildlife Service. 2011. Suisun Marsh Habitat Management, Preservation, and Restoration Plan Final Environmental Impact Statement/Environmental Impact Report. November.
- U.S. Department of the Interior, Bureau of Reclamation (Reclamation), California Department of Water Resources (DWR), U.S. Fish and Wildlife Service (USFWS), National Marine Fisheries Service (NMFS), and California Department of Fish and Game (CDFG). 2003. *Environmental Water Account Draft Environmental Impact Statement/Environmental Impact Report*. July. State Clearinghouse #1996032083.
- U.S. Department of the Interior, Bureau of Reclamation (Reclamation), U.S. Fish and Wildlife Service (USFWS), National Marine Fisheries Service (NMFS), California Department of Fish and Game (DFG), and the Water Forum. 2006. *Lower American River Flow Management Standard*. Available: http://waterforum.org/wpcontent/uploads/2015/09/FMS-Technical-Report-2006.pdf. Accessed: March 11, 2019.
- U.S. Environmental Protection Agency (USEPA). 2003. *EPA Region 10 Guidance for Pacific Northwest State and Tribal Temperature Water Quality Standards*. EPA 910-B-03-002. Region 10 Office of Water, Seattle, WA.
- U.S. Environmental Protection Agency (USEPA). 2008. Clean Water Act Jursdiction Following the U.S. Supreme Court's Decisions in Rapanos v. United States & Carabell v. United States. December.
- U.S. Environmental Protection Agency (USEPA). 2018. Sixth Five-Year Review Report for Iron Mountain Mine Superfund Site, Shasta County, California. Prepared by U.S. Army Corps of Engineers for U.S. Environmental Protection Agency, Region IX. September 21.
- U.S. Fish and Wildlife Service (USFWS). 1993. Formal Consultation on Effects of the Proposed Los Vaqueros Reservoir Project on Delta Smelt. U.S. Fish and Wildlife Service, Sacramento, CA. September.

- U.S. Fish and Wildlife Service (USFWS). 1995. *Working Paper on Restoration Needs: Habitat Restoration Actions to Double Natural Production of Anadromous Fish in the Central Valley of California*. Volume 2. May 9. Prepared for the U.S. Fish and Wildlife Service under the direction of the Anadromous Fish Restoration Program Core Group, Stockton, CA.
- U.S. Fish and Wildlife Service (USFWS). 1997. *Klamath River (Iron Gate Dam to Seiad Creek), Life Stage Periodicities for Chinook, Coho, and Steelhead*. Coastal California Fish and Wildlife Office, Arcata, CA. July.
- U.S. Fish and Wildlife Service (USFWS). 2000. Formal Consultation Pursuant to Section 7 of the Endangered Species Act of 1973; as Amended, on Contra Costa Water District's Construction of a Multipurpose Pipeline and Future Water Supply Implementation Program, Contra Costa County, California. Service File Number 1-1-99-F-93. Issued April 27.
- U.S. Fish and Wildlife Service (USFWS). 2002a. *Stanislaus River Anadromous Fish Surveys* 2000–2001. Snorkel Survey. Anadromous Fish Restoration Program.
- U.S. Fish and Wildlife Service (USFWS). 2002b. Environmental Assessment Proposed North Delta National Wildlife Refuge.
- U.S. Fish and Wildlife Service (USFWS). 2007. Formal Consultation on the Contra Costa Water District Alternative Intake Project, Contra Costa County, California. Service File Number 1-1-07-F-044. Issued April 27.
- U.S. Fish and Wildlife Service (USFWS). 2008. *Biological Opinion on the Effects of Long Term Coordinated Operations of the Central Valley (CVP) and State Water Project (SWP) on Delta Smelt and its Designated Critical Habitat.* December. Sacramento, CA.
- U.S. Fish and Wildlife Service (USFWS). 2010. Concurrence on the Los Vaqueros Reservoir Expansion Project is Not Likely to Adversely Affect the Delta Smelt (File MP-730 ENV -7.0). File Number 81410-2011-1-0001. Dated November 1.
- U.S. Fish and Wildlife Service (USFWS). 2013. Biological Opinion on the Proposed Suisun Marsh Habitat Management, Preservation, and Restoration Plan and the Project-Level Actions in Solano County, California. Service File No. 08ESMF00-2012-F-0602-2. June 10. Sacramento, CA: U.S. Fish and Wildlife Service, Sacramento Fish and Wildlife Office.
- U.S. Fish and Wildlife Service (USFWS). 2017a. Amendment of the 2005 Biological Opinion on the Operations and Maintenance Program Occurring on Bureau of Reclamation Lands within South-Central California Area Office (Service File No: 1-1-04-F-036S) to include the Rock Slough Fish Screen Facility Improvement Project (Bureau of Reclamation File No: 423 ENV 7.00). Service File Number 08FBDT00-2017-F-0072. November 2.

- U.S. Fish and Wildlife Service (USFWS). 2017b. *Framework for Assessing Impacts to the Valley Elderberry Longhorn Beetle* (Desmocerus californicus dimorphus). U.S. Fish and Wildlife Service. Sacramento, California. 28pp.
- U.S. Fish and Wildlife Service (USFWS). 2018. Brood Year 2016 Juvenile Salmonid Production and Passage Indices at Red Bluff Diversion Dam. Prepared by S. D. Voss and W. R. Poytress. Prepared for U.S. Bureau of Reclamation 2016 Annual RBDD Juvenile Fish Monitoring Report. Available: <u>https://www.fws.gov/redbluff/MSJM%20Reports/RST/Brood%20Year%202016%20Juve</u> <u>nile%20Salmonid_FINAL_Annual_Report_071618.pdf</u>. Accessed: June 11, 2019.
- U.S. Fish and Wildlife Service (USFWS) and Bureau of Reclamation (Reclamation). 2008. Implementation of the Central Valley Project Improvement Act, Annual Report for Fiscal Year 2006. January.
- U.S. Fish and Wildlife Service (USFWS), Bureau of Reclamation (Reclamation), Hoopa Valley Tribe, and Trinity County. 1999. *Trinity River Mainstem Fishery Restoration Environmental Impact Statement/Report*. October.
- Van Eenennaam, J. P., J. Linares, S. I. Doroshov, D. C. Hillemeier, T. E. Willson, and A. A. Nova. 2006. Reproductive Conditions of the Klamath River Green Sturgeon. *Transactions of the American Fisheries Society* 135:151–163.
- Van Eenennaam, J. P., M. A. H. Webb, X. Deng, S. I. Doroshov, R. B. Mayfield, J. J. Cech, D. C. Hillemeier, and T. E. Willson. 2001. Artificial Spawning and Larval Rearing of Klamath River Green Sturgeon. *Transactions of the American Fisheries Society* 130:159–165.
- Vincik, R. F., R. G. Titus, and B. Snider. 2006. Timing, Composition, and Abundance of Juvenile Anadromous Salmonid Emigration in the Sacramento River near Knights Landing, September 1999–September 2000. California Department of Fish and Game, Sacramento Valley-Central Sierra Region, Lower Sacramento River Juvenile Salmonid Emigration Program.
- Vladykov, V. D., and W. I. Follett. 1958. Redescription of Lampetra ayresii (Günther) of western North America, a species of lamprey (Petromyzontidae) distinct from Lampetra fluviatilis (Linnaeus) of Europe. *Journal of the Fisheries Board of Canada* 15(1): 47–77.
- Vogel, D. A. 2008. Evaluation of Adult Sturgeon Migration at the Glenn-Colusa Irrigation District Gradient Facility on the Sacramento River.
- Vogel, D. A. and K. R. Marine. 1991. Guide to Upper Sacramento Chinook Salmon Life History. Report to U.S. Bureau of Reclamation, Central Valley Project. CH2M Hill, Inc., Redding, California. 55 pp.

- Wallace, M. 2004. Natural vs. Hatchery Proportions of Juvenile Salmonids Migrating through the Klamath River Estuary and Monitor Natural and Hatchery Juvenile Salmonid Emigration from the Klamath Basin. July 1, 1998 through June 30, 2003. Final performance report. Federal Aid in Sport Fish Restoration Act. Project No. F-51-R-6. Arcata, California.
- Whipple, A.A., R.M. Grossinger, D. Rankin, B. Stanford, R. A. Askevold, M.N. Salomon, C.J. Striplen, and E.E. Beller. 2012. Sacramento-San Joaquin Delta Historical Ecology Investigation: Exploring Pattern and Process. San Francisco Estuary Institute-Aquatic Science Center, Richmond, CA.
- Williams, J. G., 2001. Chinook salmon in the lower American River, California's largest urban stream. *Fish Bulletin* 179(2): 1–38.
- Yuba County Water Agency (YCWA). 2009. *Green Sturgeon Downstream of Englebright Dam*. Preliminary Information Package, Public Information. Yuba River Development Project, FERC Project No. 2246.
- Yurok Tribal Fisheries Program (YTFP). 1998. Yurok Elder Interviews: Eulachon and Lamprey. Internal Report.
- Yoshiyama, R. M., E. R. Gerstung, F. W. Fisher, and P. B. Moyle. 1996. Historical and Present Distribution of Chinook Salmon in the Central Valley Drainage of California. Sierra Nevada Ecosystem Project: Final Report to Congress, Vol. III, Assessments, Commissioned Reports, and Background Information. University of California, Davis, Centers for Water and Wildland Resources.
- Yoshiyama R. M., E. R. Gerstung, F. W. Fisher, and P. B. Moyle. 2001. "Historic and Present Distribution of Chinook Salmon in the Central Valley Drainage of California." In R. L. Brown, editor, *Fish Bulletin 179: Contributions to the Biology of Central Valley Salmonids*. Volume 1, pp. 71–176. California Department of Fish and Game, Sacramento, CA, 2001.
- Zeug, S.C., B.J. Cavallo. 2014. Controls on the Entrainment of Juvenile Chinook Salmon (Oncorhynchus tshawytscha) into Large Water Diversions and Estimates of Population-Level Loss. PLoS ONE 9(7): e101479. doi:10.1371/journal.pone.0101479.