

APPENDIX 11

YEAR	PHYSICAL CHANGE	SMELT DATA FMT/STN Indices ¹
1849	Settlers arrive in the Delta and begin to establish farms and towns, withdrawing water from the delta and contributing rivers and streams	No data
1849	Gold mining begins upstream from the delta, depositing tons of debris into the delta.	No data
1861	State of California passes the Reclamation Act, authorizing drainage of delta lands and construction of sturdy levees.	No data
1879	Striped Bass introduced.	No data
1884	Court decision requires termination of mining debris discharges into rivers.	No data
1911	California establishes the Reclamation Board to implement a comprehensive flood control plan for the Sacramento and San Joaquin Rivers	No Data
1933	Corps of Engineers dredges the Stockton Deep Water Ship Channel	No Data
1940	Export of delta water begins with the completion of the Contra Costa Canal	No Data
1944	Completion of Shasta Dam and Reservoir adding water to the delta during low flow periods and reducing salinity	
1951	Completion of Delta-Mendota Canal, Delta Cross Channel, and Tracy Pumping Plant increase exports through the delta.	
1955	Completion of Folsom Dam	
1960	State Water Project approved:	--/25.4
1963	Sacramento Deep Water Channel dredged to the Port of Sacramento	--/1.8
1967	Oroville Dam completed, Skinner Fish Facility completed, Banks Delta Pumping Plant phase 1 completed:	408/--
1971	State Water Resources Control Board establishes delta water quality standards	1303/12.5
1973	California Aqueduct completed	1145/21.3
1987	Asian and Corbycula Clams introduced	
1987	Middle River Weir installed to improve water conditions for delta agricultural water users	212/1.4
1988	North Bay Aqueduct pumping plant and Suisun March salinity control gates completed	174/1.2
1991	Additional pumping plants completed at the Banks Pumping plant	689/2.0
1992	California establishes the Delta Protection Commission and the Central Valley Improvement Act commits 800,000 a-f for fish and wildlife purposes	156/2.6
1993	Delta Smelt listed as threatened	
1999	First Microsyph's Eriginosa blooms producing toxins	
2001	DWR requires chlorination of well water	603/3.5
2004	State begins treating waterways to eradicate invasive species.	74/2.9

¹ Appendix 4 includes all the abundance indices available.