

STATEMENT OF QUALIFICATIONS

James J. Orsi

Education: Fordham University, New York, B.S. Biology. June 1962.

University of Washington, Seattle, M.S. Marine Fisheries June 1965.

Employment: California Department of Fish and Game, Delta Fish and Wildlife Protection Study 1965 to 1967. U.S. Agency for International Development 1967 to 1968. Delta Fish and Wildlife Protection Study and Bay-Delta Project 1968 to present.

Fish Predation Study, Project Assistant, November 1965 to June 1967.

Studied ways to minimize predation on small fish returned to river from proposed Peripheral canal screens. Gill netted and trawled for predatory fishes. Studied stomach contents.

Dissolved Oxygen Dynamics Study, Project Assistant, June 1967 to October 1967.

Made oxygen and salinity measurements, ran light-dark bottle experiments, sampled phytoplankton, compiled data and did literature research on oxygen requirements of fish and invertebrates.

U.S. Agency for International Development, Advisor Oceanographic Institute of Nhatrang, Vietnam. October 1967 to October 1968.

Surveyed the marine fishes of the Nhatrang area. Published a checklist of Vietnamese freshwater and marine fishes. Provided information to American and foreign fisheries agencies.

Striped Bass and Sturgeon Study, Project Assistant, October 1968 to December 1971.

Tagged and aged striped bass and sturgeon, studied striped bass ocean migration, performed temperature tolerance tests on young salmon and trawled San Francisco and San Pablo Bays to assess abundance of striped bass food organisms.

Water Quality Planning Project, Project Leader, January 1972 to August 1972.

Researched literature and wrote water quality plans for San Francisco Bay and the Delta.

Neomysis-Zooplankton Project, Project Leader, August 1972 to present.

I supervise and participate in studies to determine the distribution and abundance of Neomysis shrimp and zooplankton in the Sacramento-San Joaquin Estuary. The objective is to measure population sizes and identify environmental factors regulating their distribution and abundance.