

Statement of Qualifications

RANDALL D. BAXTER
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EDUCATION

B.S. Fisheries 1981. Humboldt State University, Arcata California, 1981.

M.S. Natural Resources. Humboldt State University, Arcata California. Thesis : Chinook salmon spawning behavior: evidence for size-dependent male spawning success and female mate choice, 1991.

EMPLOYMENT

Senior Biologist Supervisor (Fisheries), California Department of Fish and Game for Young Fishes Unit, Region 3, Bay Delta. 2008-present. Supervise biologists conducting the Summer Towner and Fall Midwater Trawl surveys. Member of IEP and POD management teams.

Member of Pelagic Organism Decline (POD) management team of the IEP. 2005-present. Convened to organize, coordinate, facilitate and report on investigations into the causes of the pelagic organism decline in the upper San Francisco Estuary.

Senior Biologist Supervisor (Fisheries), California Department of Fish and Game for the Long-term Monitoring Unit of the Bay-Delta Branch, now Bay-Delta, Region 3. 2001-2008. Supervised biological staff of four fish and invertebrate monitoring projects and the boat operations staff. Member Interagency Ecological Program (IEP) management team.

Associate Biologist and Principal Investigator for the Splittail Investigations Project of the Interagency Ecological Program, California Department of Fish and Game. 1992-2001. Designed, lead and reported on studies to investigate the life history of the splittail and to identify the mechanisms underlying their outflow-abundance relationship. Also conducted data analyses and report writing for the Delta Outflow/San Francisco Bay Study.

Biologist on Delta Outflow/San Francisco Bay Study, California Department of Fish and Game. 1988-1992. Responsible for data collection, compilation and analyses for species in the families Osmeridae, Pleuronectidae, Bothidae, Cottidae and others. Analyses focused on identification of trends in species abundance and distribution within the estuary, and to assess impacts of changes in freshwater outflow.

SELECTED PUBLICATIONS

Baxter, R., R. Breuer, L. Brown, M. Chotkowski, F. Feyrer, M. Gingras, B. Herbold, A. Mueller-Solger, M. Nobriga, T. Sommer, and K. Souza. 2008. Pelagic Organism Decline Progress Report: 2007 Synthesis of Results. 78 pages

Rosenberg, J. A. and R.D. Baxter (2007). Population dynamics and distribution patterns of longfin smelt in the San Francisco Estuary. *Transactions of the American Fisheries Society* 136:1577-1592.

Sommer, T., C. Armor, R. Baxter, R. Breuer, L. Brown, M. Chotkowski, S. Culberson, F. Feyrer, M. Gingras, B. Herbold, W. Kimmerer, A. Mueller-Solger, M. Nobriga, K. Souza. 2007. The collapse of pelagic fishes in the upper San Francisco Estuary. *Fisheries* 32(6): 270-277.

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. Pages 25-38 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. Bethesda, Maryland.

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*. Vol. 2, Issue 2 (May 2004), Article 3.