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## CURRICULUM VITAE

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**ORGANIZATION:** National Oceanic & Atmospheric Administration  
National Marine Fisheries Service  
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**PRESENT POSITION:** Research Fishery Biologist

**EDUCATION:**

B.A., Biological Oceanography, San Jose State University, 1968

**EXPERIENCE:**

1980 - present	Research Fishery Biologist National Marine Fisheries Service La Jolla, California
1979 - 1980	Fishery Biologist (General) National Marine Fisheries Service La Jolla, California
1971 - 1979	Biological Technician (Fisheries) National Marine Fisheries Service La Jolla, California
1968 - 1971	Biological Laboratory Technician Northrop Corporation NASA-Ames Research Center Moffett Naval Air Station Mountain View, California

**HONORS AND AWARDS:**

Sustained Superior Performance Award, 1985, 1986, 1991, 1993, 1994, 1998  
Special Act Award in recognition of "Outstanding Performance in Development of the Egg Production Method for Anchovy Biomass Assessment,@ 1982  
Sustained Superior Performance Group Award, 1980  
Unit Award for Special Achievement, 1979

**FORMAL TRAINING RECEIVED FROM THE FEDERAL GOVERNMENT:**

Introduction to Statistics, UCSD, 1977  
Advanced Statistics, UCSD, 1978  
Introduction of Computer Science, 1980  
PC SAS Basics, 1989

## PUBLICATIONS - CAROL A. KIMBRELL

- Eitner, B. J., C. A. Taylor, C. A. Kimbrell, and R. D. Vetter. Systematics of the subgenus *Sebastosomus* (Scorpaeniformes: Scorpaenidae: *Sebastes*) from partial cytochrome b sequences, and a genetic method for the identification of larvae and juveniles. In prep.
- Taylor, C. A., C. A. Kimbrell and R. D. Vetter. Evolution and phylogeography of the live-bearing rockfishes (*Sebastes*) with special reference to the subgenus *Pteropodus*: a study based on mitochondrial cytochrome b sequence data. In prep.
- Eitner, B., C. Kimbrell, and R. Vetter. 1999. *Sebastes moseri* (Scorpaeniformes: Scorpaenidae): a new rockfish from the eastern North Pacific. *Copeia*, 1999(1):85-92.
- Rocha-Olivares, A., C.A. Kimbrell, B. J. Eitner, and R. D. Vetter. 1999. Evolution of a mitochondrial cytochrome *b* gene sequence in the species-rich genus *Sebastes* (Teleostei, Scorpaenidae) and its utility in testing the monophyly of the subgenus *Sebastomus*. *Mol. Phylogenetic. and Evol.* 11:426-440.
- Vetter, R., L. Robertson, and C. A. Kimbrell. 1997. Effects of dispersed paper waste on the filter-feeding capacity, ingestion of paper, and growth of Pacific sardine, *Sardinops sagax*. U.S. Navy Report.
- Eitner, B. J., C. A. Kimbrell, and R. D. Vetter, R. 1995. The systematics and larval identification of selected species of rockfishes (*Sebastes* spp.) using molecular analysis of the cytochrome *b* gene. ASIH contributed paper #120. Edmonton, Canada, June 15-19, 1995.
- Hunter, J. R., B. J. Macewicz, N. C. H. Lo, and C. A. Kimbrell. 1992. Fecundity, spawning, and maturity of female Dover sole, *Microstomus pacificus*, with an evaluation of assumptions and precision. *Fish. Bull., U.S.* 90:101-128.
- Hunter, J. R., J. L. Butler, C. A. Kimbrell, and E. A. Lynn. 1990. Bathymetric patterns in size, age, sexual maturity water content, and caloric density of Dover sole, *Microstomus pacificus*. *Calif. Coop. Oceanic Fish. Invest. Rep.* 31:132-144.
- Hunter, J. R., B. J. Macewicz, and C. A. Kimbrell. 1989. Fecundity and other aspects of the reproduction of sablefish, *Anoplopoma fimbria*, in central California waters. *Calif. Coop. Oceanic Fish. Invest. Rep.* 30:61-72.
- Butler, J. L., C. A. Kimbrell, W. C. Flerx, and R. D. Methot. 1989. The 1987-88 demersal fish surveys off central California (34°E30'N to 36°E30'N). U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-133, 44 p.

Owen, R. W., and C. A. Kimbrell. 1987. Micropatch sampler data. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS- SWFC-91, 52 p.

Alvariño, A., and C. A. Kimbrell. 1987. Abundance of zooplankton species in California coastal waters during April 1981, February 1982, March 1984 and March 1985. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-74, 59 p.

Hunter, J. R., and C. A. Kimbrell. 1980. Egg cannibalism in the northern anchovy, *Engraulis mordax*. Fish. Bull., U.S. 78:811-816.

Hunter, J. R., and C. A. Kimbrell. 1980. Early life history of Pacific mackerel, *Scomber japonicus*. Fish. Bull., U.S. 78:89-101.

Hunter, J. R., and C. A. Sanchez. 1976. Diel changes in swim bladder inflation of the larvae of the northern anchovy, *Engraulis mordax*. Fish. Bull., U.S. 74:847-855.

Owen, R. W., and C. A. Sanchez. 1974. Phytoplankton pigment and production measurements in the California current region, 1969-72. NOAA Data Rep. 91, 185 p.