

November 1999

## CURRICULUM VITAE

**NAME:** Ronald C. Dotson

**ORGANIZATION:** National Oceanic & Atmospheric Administration  
National Marine Fisheries Service  
Southwest Fisheries Science Center  
P.O. Box 271  
La Jolla, CA 92038  
(858) 546-7000

**PRESENT POSITION:** Research Fishery Biologist

**DISCIPLINE:** Coastal Fisheries Oceanography

**EDUCATION:** B.S., Biology, San Diego State University, 1980

**EXPERIENCE:**

1987 - Present Research Fishery Biologist  
National Marine Fisheries Service  
La Jolla, CA

1983-1987 Fishery Biologist (General)  
National Marine Fisheries Service  
La Jolla, CA

1984 Masterfisherman Consultant  
Food and Agriculture Organization  
Rome, Italy

1970-1983 Biological Technician  
National Marine Fisheries Service  
La Jolla, CA

**RESEARCH INTERESTS:**

Environmental biology, fisheries development, fishing gear and methods, and oceanography.

**HONORS AND AWARDS:**

NOAA Special Achievement Award, 1998, 1997, 1996, 1995, 1994, 1993, 1992, 1990,  
1989, 1987, 1984, 1983, 1982, 1978, and 1974

U.S. Department of Commerce Bronze Medal Award, 1996

U.S. Department of Commerce Suggestion Award, 1979

**PROFESSIONAL AFFILIATIONS:**

American Fisheries Society

American Institute of Fishery Research Biologists

Friends of FAO

## PUBLICATIONS:

Laurs, R.M. and R.C. Dotson, Ms.

The vertical distribution and movements of free-swimming albacore tuna, *Thunnus alalunga* (Bonnettere) measured by ultrasonic telemetry, in relation to vertical ocean thermal structure in the Eastern North Pacific.

Checkley, D.M., Jr., R.C. Dotson and D.A. Griffith. 1999.

Continuous, underway sampling of eggs of Pacific sardine (*Sardinops sagax*) and northern anchovy (*Engraulis mordax*) in spring 1996 and 1997 off southern and central California. Deep Sea Research. In press.

Dotson, R.C. and D.A. Griffith. 1996.

A high-speed midwater rope trawl for collecting coastal pelagic fishes. Calif. Coop. Oceanic Fish. Invest. Rep. 37:134-139.

Dotson, R.C., R.J. Lynn, and R.M. Laurs. 1989.

Relationship of albacore vulnerability to ocean thermal structure. Working paper presented at the Eleventh North Pacific Albacore Workshop, La Jolla, CA.

Dotson, R.C. 1985.

Development of alternative tuna fishing and location methods around the Azores. Terminal statement (Phase II) and Field Document 1. Prepared for the Food and Agriculture Organization of the United Nations, Rome, 1985. Final Reports for Technical Cooperation Programmes FI:TCP/POR/2303(Ma) and FI:TCP/POR/4401(A), 29 p.

Dotson, R.C., W.C. Flerx, and R.M. Laurs. 1984.

Exploratory longline fishing for albacore tuna in Eastern North Pacific waters during November-December 1983. NMFS, SWFC Admin. Rep. LJ-84-14, April 1984, 29 p.

Dotson, R.C. and J.E. Graves. 1984.

Biochemical identification of a bluefin tuna establishes a new California size record: Cal. Fish & Game 70(1)84:62.

Laurs, R.M. and R.C. Dotson. 1983.

Exploratory longline fishing for albacore tuna in Eastern North Pacific waters during November-December 1982. NMFS, SWFC, Admin. Rep. LJ-83-05, April 1983, 71 p.

Laurs, R.M., et. al. 1982.

Exploratory albacore longline fishing in the Eastern North Pacific during winter 1982. NMFS, SWFC, Admin. Rep. LJ-82-06, April 1982, 79 p.

- Laurs, R.M., R.J. Lynn, R. Nishimoto, and R.C. Dotson 1981.  
Albacore trolling and longline exploration in Eastern Pacific waters during mid-winter 1981, NOAA-TM-SWFC-10,1981, 99 p.
- Dotson, R.C. 1980.  
Fishing methods and equipment of the U.S. West Coast Albacore Fleet. NOAA-TM-NMFS-SWFC-8. 1980, 126 p.
- Dotson, R.C. 1978.  
Fat deposition and utilization in albacore. *In*: G.D. Sharp and A.E. Dizon, eds. The physiological ecology of tunas. Academic Press, pp. 343-355.
- Sharp, G.D. and R.C. Dotson. 1977.  
Energy for migration in albacore (*Thunnus alalunga*) Fish. Bull., U.S. 75(2):447-450.
- Dotson, R.C. 1976.  
Minimum swimming speed of albacore, *Thunnus alalunga*. Fish. Bull., U.S. 74(4): 955-960.