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CURRICULUM VITAE

NAME: Richard Lee Charter

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

PRESENT POSITION: Supervisory Computer Programmer Analyst

EDUCATION:

B.S., Biology, Michigan State University, 1974

EXPERIENCE:

1986 - Present Supervisory Computer Programmer Analyst
Coastal Fisheries Resources Division
National Marine Fisheries Service
La Jolla, California

1978 - 1986 Computer Specialist
Coastal Fisheries Resources Division
National Marine Fisheries Service
La Jolla, California

1976 - 1978 Data Editor - Biological Technician
Tuna/Porpoise Observer Program
National Marine Fisheries Service
La Jolla, California

1975 - 1976 Biological Technician
Tuna/Porpoise Observer Program
National Marine Fisheries Service
La Jolla, California

RESEARCH INTERESTS:

Fish Population/ life histories
Shipboard data acquisition systems
Computer Graphics

PROFESSIONAL AFFILIATIONS:

Federal Automated Data Processing Council

HONORS AND AWARDS:

Sustained Superior Performance Award, March 1981
Outstanding Performance Award, March 1982
Outstanding Performance in Development of the Egg Production Method for Anchovy Biomass Assessment, June 1983
Sustained Superior Performance Award, March 1984
Sustained Superior Performance Award, March 1986
Outstanding Staff Employee, February 1988
Sustained Superior Performance Award, March 1989
U.S. Department of Commerce Bronze Medal for Fishery Research, November 1996

SERVICE ON SCIENTIFIC COMMITTEES:

Center Data Management Committee

PUBLICATIONS - Richard Charter

1. Stauffer, G. D., R. L. Charter. 1982. The Northern Anchovy Spawning Biomass for the 1981-82 California Fishing Season. California Cooperative Oceanic Fisheries Investigations Report 23:15-19.
2. Ambrose, D. A., R. L. Charter, H. G. Moser, and C. R. Santos Methot. 1987. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1951. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-79, 196 p.
3. Sandknop, E. M., R. L. Charter, H. G. Moser, and J. D. Ryan. 1987. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1952. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-80, 207 p.
4. Stevens, E. G., R. L. Charter, H. G. Moser, and M. S. Busby. 1987. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1953. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-81, 186 p.
5. Sumida, B. Y., R. L. Charter, H. G. Moser, and D. L. Snow. 1987. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1954. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-82, 207 p.
6. Ambrose, D. A., R. L. Charter, H. G. Moser, and C. R. Santos Methot. 1987. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1955. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-83, 185 p.
7. Stevens, E. G., R. L. Charter, H. G. Moser, and M. S. Busby. 1987. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1956. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-84, 189 p.
8. Sumida, B. Y., R. L. Charter, H. G. Moser, and D. L. Snow. 1987. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1957. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-85, 225 p.
9. Sandknop, E. M., R. L. Charter, H. G. Moser, and J. D. Ryan. 1987. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1958. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-86, 248 p.
10. Stevens, E. G., R. L. Charter, H. G. Moser, and M. S. Busby. 1987. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1959. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-87, 273 p.

11. Ambrose, D. A., R. L. Charter, H. G. Moser, and C. R. Santos Methot. 1987. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1960. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-88, 253 p.
12. Sandknop, E. M., R. L. Charter, H. G. Moser, C. A. Meyer, and A. E. Hays. 1988. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1961. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-92, 167 p.
13. Sumida, B. Y., R. L. Charter, H. G. Moser, and D. L. Snow. 1988. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1962. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-93, 179 p.
14. Ambrose, D. A., R. L. Charter, H. G. Moser, and B. S. Earhart. 1988. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1963. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-94, 209 p.
15. Sandknop, E. M., R. L. Charter, H. G. Moser, C. A. Meyer, and A. E. Hays. 1988. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1964. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-95, 222 p.
16. Stevens, E. G., R. L. Charter, H. G. Moser, and L. R. Zins. 1988. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1965. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-96, 220 p.
17. Sumida, B. Y., R. L. Charter, H. G. Moser, and D. L. Snow. 1988. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1966. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-97, 287 p.
18. Ambrose, D. A., R. L. Charter, H. G. Moser, and B. S. Earhart. 1988. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1967. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-98, 103 p.
19. Sandknop, E. M., R. L. Charter, H. G. Moser, C. A. Meyer, and A. E. Hays. 1988. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1968. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-99, 112 p.
20. Stevens, E. G., R. L. Charter, H. G. Moser, and L. R. Zins. 1988. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1969. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-100, 265 p.

21. Sumida, B. Y., R. L. Charter, H. G. Moser, and D. L. Snow. 1988. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1972. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-109, 219 p.
22. Ambrose, D. A., R. L. Charter, H. G. Moser, and B. S. Earhart. 1988. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1975. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-110, 229 p.
23. Sandknop, E. M., R. L. Charter, H. G. Moser, C. A. Meyer, and A. E. Hays. 1988. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1978. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC- 111, 216 p.
24. Ambrose, D. A., R. L. Charter, H. G. Moser, and B. S. Earhart. 1988. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1981. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-112, 170 p.
25. Stevens, E. G., R. L. Charter, H. G. Moser, and C. A. Meyer. 1990. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1984. U.S. Dep. Commer., NOAA Tech. Memo., NOAA-TM-NMFS-SWFC-141, 157 p.
26. Moser, H G., R.L. Charter, P.E. Smith, D.A. Ambrose, S.R. Charter, C.A. Meyer, E.M. Sandknop, and W. Watson. 1993. Distributional atlas of fish larvae and eggs in the California Current region: taxa with 1000 or more total larvae, 1951 through 1984. CalCOFI Atlas 31, 233 p.
27. Moser, H G., R.L. Charter, P.E. Smith, D.A. Ambrose, S.R. Charter, C.A. Meyer, E.M. Sandknop, and W. Watson. 1994. Distributional atlas of fish larvae in the California Current region: taxa with less than 1000 total larvae, 1951 through 1984. CalCOFI Atlas 32, 181 p.
28. Watson, W., R.L. Charter, H.G. Moser, R.D. Vetter, D.A Ambrose, S.R. Charter, L.L. Robertson, E.M. Sandknop, E.A. Lynn, and J. Stannard. 1999. Fine-scale distributions of planktonic fish eggs in the vicinities of Big Sycamore Canyon and Vandenberg Ecological Reserves, and Anacapa and San Miguel Islands, California. Calif. Coop. Oceanic Fish. Invest. Rep. 40:128-153.