

Part I

REPORT, REVIEWS, AND PUBLICATIONS

REPORT OF THE CALCOFI COMMITTEE—1979

As of 1 January 1979, the legislative charter of the Marine Research Committee of the State of California expired. However, the principal working groups (the Southwest Fisheries Center of the National Oceanic and Atmospheric Administration, the California Department of Fish and Game, and the Marine Life Research Group at the Scripps Institution of Oceanography), through the CalCOFI Committee, will continue to collaborate and provide a medium for presenting research results. The CalCOFI Reports, Data Reports, and Atlases will continue to be available to the world scientific community.

Since our last Report in 1977, CalCOFI has produced Atlas Number 25, "Contoured Depth-Time Charts (0 to 200 m, 1950 to 1966) of Temperature, Salinity, Oxygen and Sigma-T at 23 CalCOFI Stations in the California Current," by L. E. Eber and Atlas Number 26, "Distributional Atlas of Fish Larvae in the California Current Region: Rockfishes, *Sebastes* spp.," by E.H. Ahlstrom, H. G. Moser, and E. M. Sandknop, as well as a number of Data Reports for the California Current.

CalCOFI is pleased to provide a forum in which researchers on various aspects of a common problem may be brought together. The symposium on the market squid, *Loligo opalescens*, reported in this volume, gives us new and valuable insights into the biology of reproduction,

feeding, aging, and behavior of this important commercial species. New information on relationships between oceanographic conditions and larval survival may permit the prediction of catch potential and provide for better management of the stock. New information on squid school detection may aid fishermen to fish this species more effectively.

The excellent scientific and collegial relationships previously established with the Instituto Nacional de Pesca in Mexico have been enhanced by new programs of cooperative education and data sharing. The December 1977-August 1978 data collection cruises were performed by both Mexican and U.S. research vessels and scientists. This level of binational cooperation can provide the scientific foundation for good management of transboundary fisheries and certainly makes more economical use of ships and manpower in both nations.

Finally, the committee wishes to express its deep appreciation to Herbert Frey, of the California Department of Fish and Game, who has served as interim coordinator for some years. He is succeeded by George Hemingway of the Scripps Institution of Oceanography.

Isadore Barrett, John Radovich, Joseph Reid, George Hemingway.