

CONTENTS

In Memoriam	
Angeles Alvariño4
I. Reports, Review, and Publications	
Report of the CalCOFI Committee	5
Review of Some California Fisheries for 2004: Coastal Pelagic Finfish, Market Squid, Sea Urchin, Lobster, Spot and Ridgeback Prawn, Groundfish, Highly Migratory Species, Ocean Salmon, Nearshore Live-Fish, Pacific Herring, and Recreational	10
The State of the California Current, 2004–2005: Still Cool? <i>Ralf Goericke, Elizabeth Venrick, Arnold Mantyla, Steven J. Bograd, Franklin B. Schwing, Adriana Huyer, Robert L. Smith, Patricia A. Wheeler, Rian Hooff, William T. Peterson, Francisco Chavez, Curtis Collins, Baldo Marinovic, Nancy Lo, Gilberto Gaxiola-Castro, Reginaldo Durazo, K. David Hyrenbach, and William J. Sydeman</i>	32
Publications	72
II. Symposium of the CalCOFI Conference, 2004	
Symposium Introduction: Pacific Sardine: Past, Present, and Future	73
A History of Proposals for Subpopulation Structure in the Pacific Sardine (<i>Sardinops sagax</i>) Population off Western North America <i>Paul E. Smith</i>	75
Relationship of California Sardine (<i>Sardinops sagax</i>) Abundance to Climate-Scale Ecological Changes in the California Current System <i>Jerrold G. Norton</i>	83
Spawning Biomass of Pacific Sardine (<i>Sardinops sagax</i>), from 1994–2004 off California <i>Nancy C. H. Lo, Beverly J. Macewicz, and David A. Griffith</i>	93
Pacific Sardine (<i>Sardinops sagax</i>) Stock Discrimination off the West Coast of Baja California and Southern California Using Otolith Morphometry <i>Roberto Félix-Uraga, Víctor M. Gómez-Muñoz, Casimiro Quiñónez-Velázquez, Felipe Neri Melo-Barrera, Kevin T. Hill, and Walterio García-Franco</i>	113
Pacific Sardine (<i>Sardinops sagax</i>) Abundance, Distribution, and Ecological Relationships in the Pacific Northwest <i>Robert L. Emmett, Richard D. Brodeur, Todd W. Miller, Suzan S. Pool, Paul J. Bentley, Gregory K. Krutzikowsky, and Jean McCrae</i>	122
Distribution and Biology of Pacific Sardines (<i>Sardinops sagax</i>) off British Columbia, Canada <i>Gordon A. McFarlane, Jacob Schweigert, Lesley MacDougall, and Christa Hrabok</i>	144
Spawner-Recruit Patterns and Investigation of Allee Effect in Pacific Sardine (<i>Sardinops sagax</i>) in the Gulf of California, Mexico <i>Enrique Morales-Bojórquez and Manuel O. Nevárez-Martínez</i>	161
Instructions to Authors	175
CalCOFI Basic Station Plan	<i>inside back cover</i>