

State of California - The Resources Agency
Department of Fish and Game
Marine Resources Region
Long Beach, California

CRUISE REPORT 73-KB-13 PACIFIC MACKEREL SURVEY

Prepared by Eric Knaggs

Vessel: R/V KELP BASS

Dates: May 29-31, June 1, and June 4-8, 1973

Locality: The nearshore waters of southern California.

Purpose: 1. To tag Pacific mackerel, *Scomber japonicus*, to obtain population estimates and jack mackerel, *Trachurus symmetricus*, for migration and behavior studies.

2. To make incidental fish collections.

Results: A total of 468 jack mackerel, 169 Pacific mackerel, 10 bonito, 10 barracuda, and 1 white seabass was tagged and released at La Jolla and San Diego.

Personnel: Marco Mazarovich, Vessel Captain (May 29-31 and June 1)
Paul Petrich, Vessel Captain (June 4-5 and 6-8)
Frank McCumiskey, Vessel Captain (June 5-6)
Bob Tasto, Biologist-in-charge (May 29-31 and June 1)
Eric Knaggs, Biologist-in-charge (June 4-8)
Alec MacCall, Biologist
Rick Klingbeil, Biologist
Dave Parker, Biologist
Vickie Wine, Biologist
Kevin Farnum, DFG
Marian Haxby, DFG
Terry Sciarrotta, DFG
Barbara Barmore, DFG
Evelyn Perrine, DFG

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