

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

CRUISE REPORT 73-KB-5  
SPORTFISH-KELP HABITAT STUDY

Prepared by Peter L. Haaker

Vessel: R/V KELP BASS

Dates: February 13-16, 1973

Locality: Nearshore waters of Catalina Island and Paradise and Abalone Coves.

Purpose: To collect kelp at Isthmus Harbor, Santa Catalina Island and Paradise Cove and transplant it in Abalone Cove.

Procedure: Kelp was collected by divers and transported to Abalone Cove aboard the KELP BASS.

Results: Divers transplanted 205 *Macrocystis* plants 3 to 10 m in length, in Abalone Cove. Three trips were made between Abalone Cove and Catalina Island. One trip was made to Paradise Cove to collect kelp, but water conditions, poor kelp condition, and weather prevented a successful transplant.

Transplanted *Macrocystis* plants were attached to foam plastic floats tied to lengths of chain and secured in 6-7 m of water.

Personnel: Marco Mazarovich, Vessel Captain  
Ken Wilson, Biologist-in-charge  
Pete Haaker, Biologist  
Tom Stephan, Caltech  
Henry Fastinau, Caltech