

State or Country: Baja Calif., Mexico <sup>approved</sup> Field No. SIO 54-205-222

County: Map: <sup>no. 1681</sup> HO 1681, 1948

Locality: Guadalupe Island, and trip to and from (from San Diego, California)

Lat. N., Long. W.

Water: salt, clear

Vegetation: none

Bottom:

Cover: Temp:

Shore: Current:

Dist. offshore: Stream width:

Depth of capture: Depth of water:

Collected by Research ship Orca and Pauline T. (see below)

Tide: Date: XI:10-21:1954

Method of capture: various

Orig. preserv.: 10% form. + borax Time:

Trip undertaken primarily to obtain subitoxic blood for Rechert's thesis research and to supplement fish collections, especially by use of set lines, traps, pluscord, & deep-water poisoning & spear.

Incidental purposes: bird observations, especially about Guadalupe, to supplement MS by Carl C. Hurst; botanical exploration by Wiggins & Lindsay (abandoned because of illness of Wiggins, requiring Coast Guard pickup at Guadalupe soon after arrival on XI:12); mollusks, etc.

Party on Research Ship Orca:

Joseph W. Sefton, Jr., owner

Capt. Stanley Zell

Eng. James McNeilage

Cook Webster Jackson

Carl C. Hurst, leader of scientific party

Laura C. Hurst, secretary

Arthur O. Fleck, project officer

Claude B. Alexander, parasitologist

Ed Arballo, helmsman & diver

Geo. T. Wiggins, biologist

George E. Lindsay, " and photographer

Norman J. Wilimovsky, ichthyologist and cook

over

Party on Paulina T  
Capt. Robert Hain

Andreas B. Rehnitz	leader of scientific party
Charles Flemming	570
Earl Murray	570
John Carter	} divers
Thomas Theis	
James Stewart	

Earl L. Hain