

State of Country: Baja Calif. Norte, México Field No. **SI071-101**

County: Map: H01688, 1956, rev. 1965

Locality: Isla de Guadalupe from NE to N of Isla Zapato ("Isla de Afuera")

Lat. $26^{\circ}57.5'$ N., Long. $118^{\circ}(16.0 \rightarrow 16.5)$ W.

Water: clear

Vegetation: trace of red algae

Bottom: flat, shell, etc.

Cover: poor

Temp.:

Shore: subvertical cliffs

Current:

Dist. offshore: 0.7 $\rightarrow$ 0.4 mile

Stream width:

Depth of capture: 52 $\rightarrow$ 44 fath.

Depth of water: 52 $\rightarrow$ 44 fath.

Collected by Carl L. Hubbs, Robert C. Wisner, Ronald R. McCannoughy, Tider ~~and~~ Spencer Luke & party*

Date: V. 15: 1971

Method of capture: 6-foot Sigbee trawl

Orig. preserv.: 10% buffered formal

Time: net on bottom 1603-1615 hrs.

* on SIO R/V Alex. Agassiz PDT

MV 71-I-1

All fish saved and most of invertebrates & bottom material of invertebrates, algae, etc.

Fishes

55 Chitonotus cf. pugetensis 17 (93-101)

55 Delius cf. quadriseiatus ^{cavi frons} 10 (27-45)

64 Hippoglossina stanala 1 (140)

unusually bright light patches yellow-amber

Citharichthys sordidus 1 (145)

Citharichthys signatus 4 (32-101)

Carl L. Hubbs

R/V ACASSIZ No SIO #

State or Country: MEXICO

Field No. MV-71-I-1

County:

Map:

1.

Locality: SAN DIEGO TROUGH

Lat. 32° 27.0

N., Long. 117° 19.1

W.

Water:

Vegetation:

Bottom: GREEN MUD

Cover:

Temp.:

Shore:

Current:

Dist. offshore:

Stream width:

Depth of capture: 680 FMS

Depth of water: 680 FMS.

Collected by R. McCannaughey & T. Matsui

Tide:

Date: 1-18-71

Method of capture: DFV SETLINE 100 HOOKS - 3CH TRAP

Orig. preserv.:

Time: IN WATER 2/10

OUT OF WATER 0830

100 METER VERTICAL SETLINE WITH ONE HOOK PER METER ALTERNATING 8/0 KIRBY HOOKS AND #7 TUNA HOOKS - 25 FISH CAUGHT ON #7 TUNA HOOKS - 37 FISH ON 8/0 KIRBYS 25 A. FIMBRIA - 36 C. ACROLEPIS - 1 A. TENEBROSUS 1 A. FIMBRIA IN TRAP AND MANY MAG FISH

ALL HOOKS WERE NUMBERED WITH PLASTIC TAGS AND HAD KOLSTRAND QUICK RELEASE MAIN LINE SNAPS

AN O.A.R. 1000 HOUR - 18 MILE TRANSMITTER WAS ATTACHED TO THE MAST

ON THIS FIRST SET WE NUMBERED THE HOOKS IN REVERSE ORDER - THE FIRST HOOK FROM THE TRAP WAS #100 AND THE TOP HOOK WAS #1

ALL FISH WERE MEASURED, AND OTOLITHS AND GONADS REMOVED AND FROZEN. ALL FISH WERE GIVEN THE NUMBER OF THE HOOK THEY WERE CAUGHT ON. NUMBERS MEASUREMENTS AND WEIGHTS WERE RECORDED BY T. MATSUI