

State & Country: Baja California Norte, Mexico. Field No. **SI071-125**

County: Map: **401044**, 1944, 1965

Locality: **Isla San Martin**

Center of island: Lat. **30°29.1'** N., Long. **116°07.0'** W.

Water: **dirty, greenish**

Vegetation: **in rather narrow but thick bed of *Macaranga***

Bottom: **cobbles, grading outward as to large ^{boulders} ~~lamin~~ at 30 ft.**

Cover: **good** Temp.: **62°F** Injection Temp. on

Shore: **natural boulder breakers** Current: **ship (torpedo) - Surgeo**

Dist. offshore: **very close** Stream width: **sample taken at ship 135'**

Depth of capture: **to 30 ft.** Depth of water: **to 30 ft.**

Collected by **Ron S. Nolan and Robert R. Warner**

Tide: Date: **V. 28, 1971**

Method of capture: **spear**

Orig. preserv.: **frozen (fish speared)** Time: **P.D.T.**

MV 71-I-38

RSN-30

Fish speared (all frozen except *Pinelometopon*):

47. *Embiotoca jacksoni*: 1 ad., with tip of mouth to end of P₁ measured set backward reaching almost to fork of caudal; rich pinkish brown, with blackish fins.

Rhaerchilus toxotes: 1 adult.

- 50 *Pinelometopon pulchrum*: 2 brought in.

53. *Sebastes atrovirens*: 2 adults.

Sebastes chrysomelas: typical in both form and color (deep black and golden yellow with bar trace of pink).

54. *Ophiodon elongatus*: 2 half grown or subadults; taken at about feet where temperature was not sensibly colder than at surface.

Carl L. Hull

Field identification by collectors

(over)

~~0000~~

MV-71-I-38 (cont.)

Collected by sleep-gun in same area:

- { 55. Artemia creaseri : 1
59. Coryphopterus nicholsi : 1, unusually
strongly dark-marked.
55 Artemia creaseri 1(51) ^{Skid. - information from Nolan.}
59 Coryphopterus nicholsi 1(46.5)

MV 71-I-38 (cont.) Additional notes & observations

QSN-30

28 May 71

locality: kelp beds S. of natural breakwater
San Martin Island, Baja California

Terrain Description: cobble bottom leading
from breakwater changing to
larger lava boulders at 30'.
Macrosystis beginning at 17'
and ending at 40' at margin
rock/sand plain.

Temp. 13.5°C

visibility 5-20' horizontal at 30' depth.

Fishes observed but not collected

- 1) large numbers of large male sheephead,
Pinolomelton pulex and occurrence of
large females was noted by Warner.
- 2) Hypsypops rubicundus
- 3) Paralabrax clathratus
- 4) Girella nigricans (0, 1, 2, 3 dorsal spot varieties)
- 5) Cauliolatilus princeps (1 large specimen @ 1m. sea)

Hythyrpnus dalli & G. zebra were notably lacking.
large sponges and a variety of tunicates
were collected in addition to a sheepshead,
many unidentified types of urchins
present.

Ron S. Nolan.