

State & Country: Baja California N., Mexico Field No. SIO 71-117

County: _____ Map: H01193 revised, 1970

Locality: westwardly off Isla San Benito

From Lat. 28° 26.4' N., Long. 115° 51.3' W.
Water: oceanic To 28° (18.4-17.8)' N., 115° (00.3-00.5)' W.,
Vegetation: Then to 28° 19.1' N., 115° 51.5' W.

Bottom: _____

Cover: _____

Temp.: _____

Shore: rocky

Current: _____

Dist. offshore: 13.6 - 21.8 naut. mi. Stream width: _____

Depth of capture: 0 - est. of 800 m Depth of water: 1185 → 2370 → 1520

Collected by Gill L. Hulse, Robert L. Wisner, and Ronald R. Jathons

~~Mr. McConaughy~~ and SIO R/V Alvaro Azariz Date: V. 25-26-1971

Method of capture: 10-ft. Isaac-Kidd midwater trawl, meter-net codend

Orig. preserv.: 10% buffered form. Time: 2241 - 0640 hrs, PDT,

turnabout 0249 - 0257 hrs.

MV 71-I-27

Ship made a return turn when net surfaced at mid-trawl. Both before and after turn trawled was lowered by running out to 2,100 m. W.O. & its intermediate surfacing was scheduled by Wisner to be at 0255 hrs.

In order to bring ship head into the sea, trawl was held at + very little below surface, during a neap-tide period. As a result we took about 8 gallons or more of Pleuroncodes, which called for moderate formalinizing to prevent greater damage.

Invertebrates — In absence of Spencer R. Luke I put up in 10% buffered formalin:

1 4-g. jar with 3 small cephalopods, one of which Dr. Friedrich G. Hochberg later said was an unusually large pelagic-stage octopus.

1 1-gallon plastic jar with several specimens of Vampirotentacles and a number of "jellies."

Fishes — 1 4-g. jar of minute fishes, including young stages, seemingly of at least 4 species of Sebastes; also transforming flatfish.

63

2 1-gallon jars of miscellaneous fishes, including one

over
have a nice Lamprogrammus

Carl Huber

- | | | |
|------|-----------------------|------------|
| 9 | Bathylagus nigrigenys | 20 (21-79) |
| * 10 | Danaphos oculatus | 8 (24-33) |
| * 10 | Vinciguerrina sp | 1 (27) |

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|----|-----------------------|----------|
| 42 | Trachurus symmetricus | 1 (10.5) |
| 25 | Myctophidae (larva) | 1 (12) |
- } gifts to G.

Moser-NMFS

- | | | |
|----|-------------------------------------|-------------|
| 26 | Serrivomer sector | 2 (279-526) |
| 10 | Stomias atriventer | 5 (114-232) |
| 10 | Idiacanthus antrostomus | 3 (73-269) |
| 25 | Protomyctophum crockeri | 3 (14-31) |
| 26 | Cyema atrum | 1 (~85) |
| 26 | Avocettina infans | 2 (407-453) |
| 10 | Borostomias panamensis | 1 (202) |
| 25 | Scopelogadus tristis | 5 (96-158) |
| 31 | Scopelogadus mizolepis bispinosus | 7 (39-95) |
| 64 | Microstomus pacificus (larvae) | 2 (13-26) |
| 64 | Citharichthys sp. (larva) | 1 (15) |
| 10 | Argyropelecus affinis | 9 (15-58) |
| 10 | Argyropelecus hemigymnus | 12 (11-23) |
| 10 | Argyropelecus sladeni | 23 (10-57) |
| 10 | Sternoptyx diaphana | 4 (13-22) |
| 10 | Sternoptyx pseudobscura | 3 (8-33) |
| 8 | Pellisulus eubranhus | 1 (71) |
| 8 | Hol Holbrookia latifrons | 3 (15-30) |
| 25 | Triphoturus mexicanus | 107 (28-65) |

* discarded