

State & Country: off Baja Calif. Norte, Mexico. Field No. S10 67-59

County: _____ Map: HO 623, rev. 1, 1964

Locality: E of Isla Guadalupe; S of Seamount

Lat. 29° ($24.0^{\circ} \rightarrow 20.5^{\circ}$) N., Long. 117° ($19.0^{\circ} \rightarrow 15.5^{\circ}$) W.

Water: clear and blue

Vegetation: _____

Bottom: _____

Cover: _____

Shore: rocky

Dist. off shore: _____

Depth of capture: _____

Collected by: SIO exp. MV 67-IA, on R/V Thomas Washington

Hubb, Wisner, McConnaughey, et al (listed below)

Method of capture: 10-ft. Isaacs-Kidd midwater trawl

Orig. preserv.: 10% buffered form

Surface Temp.: 16.0 - 16.5°C

Current: (thermograph) 1/2

Dist. off shore: _____ nautical miles

Depth of water: 1750 - 2015 fath. (G.D.P.)

Date: 11/25 1967

Time: 0019 - 0841 (PST)

MV 67-IA-19 Robert L. Wisner in charge of operation

Non-closing trawl with meter-net cod-end

Dive ranging 1365-1750 in 1st half-hour.

Scheme: pay out wire at 20 m/min. to 2500 m wire out (W.O.), then haul in at same rate until 50 m W.O.; then hold while ship makes 180° turn; then repeat lay-out to 2500 m W.O. and recovery.

0019 Start of haul $29^{\circ} 24.0' N, 117^{\circ} 19.0' W$

0432 course reversed $29^{\circ} 07.7' N, 117^{\circ} 15.4' W$

0448 excellent star fix $29^{\circ} 09.0' N, 117^{\circ} 14.4' W$

net out of water

0841 Net in $29^{\circ} 20.5' N, 117^{\circ} 15.5' W$ at 950 fath.

Collection in:

Miscellaneous invertebrates 1 1-gal + 1 2-pt

Fishes: 1 1-gal (not full) + 1 4-g

Plankton: 1 2-g

A few siphonophores taken by Mrs. Alvarino
Moderate catch filling cod-end ca. 2/3.

Fair catch of squids - examined by Holmberg for parasites.

over

MV 67-IA-19 (cont.)

5

Fish utilized for parasite study by
Mary Hanson Pritchard:

11. Vinciguerria lucetia: nematode larvae in one;

^{others negative; 12 examined}
Danaphos oculatus: 2, negative.

25. Myctophum nitidulum: 1, negative.

Symbolophorus californiensis: 2, negative.

Diogenichthys laternatus: 4, negative.

Lampanichthys ritteri: 1, negative.

Ceratoscopelus townsendi: 20 all negative,

except 2: one with copepod attached,
1 with trematode.

8	<u>Sagamichthys abei</u>	3(33.3-48.9)
25	<u>Diogenichthys laternatus</u>	27(12-29)
25	<u>Hierops crockeri</u>	5(16-22)
25	<u>Hydophum atratum</u>	3(18-29)
25	<u>Lampanyctus ritteri</u>	33(15-42.5)
10	<u>Stomias atriventer</u>	3(25.5-195.5)
10	<u>Aristostomias scintillans</u>	1(40.6)
10	<u>Idiacanthus antrostomus</u>	2(64.8-65.3)
10	<u>Danaphos oculatus</u>	2(20.8-39)
10	<u>Vinciguerria lucetia</u>	76(15.5-38)
10	<u>Argyropelecus hawaiiensis</u>	4(9.3-53.7)
10	<u>Sternoptyx diaphana</u>	7(16-28.9)
10	<u>Argyropelecus intermedius</u>	4(12.6-21.5)
10	<u>Argyropelecus pacificus</u>	58(10.-54.5)
8	<u>Talismania bifurcata</u>	3(17-20)
*25	<u>Triphoturus m. septentrionalis</u>	338(24-68)
*25	<u>Diogenichthys atlanticus</u>	1(14.0)
*25	<u>Notolychnus valdiviae</u>	4(19-21)
*25	<u>Symbolophorus californiensis</u>	3(28-39)
*25	<u>Ceratoscopelus Townsendi</u>	16(21-39)
8	<u>Holtbyrnia latifrons</u>	5(11-30) + (12)
31	<u>Scopelogadus mizolepis bispinosus</u>	3(18-79) *discarded

(Continuation)

State or Country: Field No. SIOG7-59
County: Map:, 1
Locality:
..... Lat. N., Long. W.
Water:
Vegetation:
Bottom:
Cover: Temp.:
Shore: Current:
Dist. offshore: Stream width:
Depth of capture: Depth of water:
Collected by
Tide: Date:
Method of capture:
Orig. preserv.: Time:

9 *Leuroglossus stilbius* 1(50)

9 *Bathylagus wesethi* 21(9-78)