

State & Country: Baja California, Mexico Field No. SIO 67-61
 County: Map: HO 623, rev., 1964
 Locality: off E coast of Isla Guadalupe 11688, rev. 1957
 29° 09.0' to 28° 56.8' to 29° 05.3' → 06.0
 Lat. ~~29° 09.0'~~ N, Long. 118° (132' → 127') W.
 Water: clear, blue
 Vegetation:

Bottom:
 Cover: Surface Temp.: 15.7 - 16.8°C
 Shore: rocky Current: (thermograph)
 Dist. offshore: 1.2 - 64 naut. mi. Stream width:
 Depth of capture: est. 0 - m. (0-2500 - 0 m. W.O.) Depth of water: 513 - 1529 fath. (GDR)
 Collected by SIO expedition MV 67-IA, on RV Thomas Washington
 Date: 11/26/1967
 Method of capture: Isaac-Kidd 10-ft. mid-water trawl
 Orig. preserv.: 10% buffered form. Time: 0253 → 1027 hr. PST

MV 67-IA-23 Robert L. Wisner in charge of operations

✓ Listed on sheet preceding sheet for MV 67-IA1.
 ✓ Non-closing trawl with meter-net cod-end.
 ✓ > 760 except in last half hour with trawl nearly in
 0253 hr. Trawl in water, 1050 fathoms. Take off on 1487.
 1027 " " aboard

0713 Reverse course 180° ~~to~~ ^{330°} (2500 m W.O.)
 at

Let out cable to 2500 m. wire out (W.O.) at
 30 m/min, recovered at same rate after 180° turn
 to 0719 hr, continuing at 3 knots as trawl is
 again lowered to 2500 m W.O.
 1030 hr. When only about 700 m. W.O. remained
 → started haul in at full speed.

Collection:

- 1 2 1/2-gal. jar for fishes
- 1 4oz jar for fishes including black apron mid
- 1 2 1/2 gal. jar invertebrates
- 1 4oz jar of shrimped plankton
- 1 vial of 2 phyllosomes for Martin W. Johnson
- 1 vial of pteropods for Donald R. Blake
- Dr. Alvarado takes one very well preserved and
 (for species) large medusa
- 1 2oz jar cephalopods taken by Eric Solmberg

with request to label
 with Alvarado and McSwain.

added to
 MV 67-IA-29
 Carl L. Hubbs

over MV 67-IA-23 (cont)

Douglas gets gas samples from:

11. Ichthyococcus irregularis Returned to collection.

Argyropulex 3 specimens (different species)

kept by Douglas to identify and to study gas bladder.

35th Apogonid - 1 small coral-black specimen, kept with small fishes as 4 B jar, to be identified by Gales W. Mead.

Used for parasite study by Mrs. Pritchard:

25 Hierops crockeri - 1, negative

9. Bathylagus nigricornis (1), negative
(idem. from by Writum)

11. Vincigueria lucetia (1), negative.

Cyclothone acclinidens (3), negative

25 Ediacanthus antrostomus (1), larval cestodes in ovary

Myctophum nitidulum (3) - 2 ♀♀, cestodes

in cecal region of intestine; 2 cestodes in cecal region of intestine. < > colices in separate ceca.

Symbolophorus californensis (1), negative.

Serrivomer sector (1), negative

10 Danaphos oculatus 8(24-39)

35 Howella n. sp. #1 1(31)

9 Microstoma microstoma? 1(15)

10 Ichthyococcus irregularis 1(62.5)

25 Ceratoscopelus townsendi 106(18-52)

⊗ { 25 Diogenichthys atlanticus 8(18-24)

25 Diogenichthys laternatus 5(21-26)

25 Hierops crockeri 3(16-22)

25 Hydophum atratum 3(24-33)

25 Lampanyctus idostigma 3(40-64)

25 Lampanyctus repalis 3(22-64)

25 Lampanyctus ritteri 10(21-80)

25 Notolychnus valdiviae 8(22-25)

25 Triphoturus mexicanus septentrionalis 49(23-68)

S. B. I. d.

SIO67-61

(cont.)

60	<i>Chiasmodon niger</i>	1 (74)
10	<i>Borostomias paramensis</i>	2 (15-276)
10	<i>Idiacanthus antrostomus</i>	
10	<i>Argyropelecus intermedius</i>	3 (57.5-305.5)
		42 (8.6-30.7)
10	<i>Argyropelecus pacificus</i>	6 (17.4-45.4)
10	<i>Vinciguerria lucetia</i>	20 (14.6-40.9)
65	<i>Oreirodes acanthias</i>	1 (12)
26	<i>Gnathopis catalanensis</i>	5 (86-115) M
8	<i>Holtbyrnia spinthara latifrons</i>	1 (25)
8	<i>Sagamichthys abei</i>	1 (72)
25	<i>Lampanyctus steinbecki</i>	1 (42)
31	<i>Scopelogadus mizolepis bispinosus</i>	32 (16-78)
25	<i>Lestidiops ringens</i>	1 (177)
9	<i>Bathylagus wesethi</i>	10 (11-65)
10	<i>Cyclothone acclinidens</i>	714 (15-53)
10	<i>Cyclothone atraria</i>	5 (30-54)
10	<i>Cyclothone signata</i>	249 (11-33)
26	<i>Serrivomer sector</i>	2 (410-506)

* Gift to IMARPE, Peru, 1983