

State or Country: off central California Field No. S1067-116
County: _____ Map: CS 5021, 4th ed., 1966
Locality: W. of Tomales Bay, ^{over} sea ^{CS 5021} floor ^{of} 7th ed., 1963
midpoint: $38^{\circ}04.5'$ $123^{\circ}57.9'$
Lat. $37^{\circ}48.5' \rightarrow 38^{\circ}20.5'$ N., Long. $123^{\circ}50.4' \rightarrow 124^{\circ}05.4'$ W.
Water: greenish, murky; many *Velella* in places
Vegetation: _____

Bottom: even d. flat; no doubt soft
Cover: corrected surface Temp.: _____ $^{\circ}$ C (thermogress)
Shore: _____ Current: _____
Dist. offshore: 36-45 naut. miles Stream width: _____
Depth of capture: est. _____ m @ 7000 m WO Depth of water: 1830-1927 fath (G.D.R.)
Collected by S.I.O. expedition on R/V Thomas Washington
Fish: C.L. Hubbs, R.L. Wisner, R.R. McConnaughey, et al. Date: VI.15.16.1967
Method of capture: 10-ft. non-closing Isaacs-Kidd midwater trawl, meter-out cod-end
Orig. preserv.: 10 g. buffered form. Time: 1527-1302 hrs (PST)

MV 67-23- Co. 335⁰T; speed, 3 knots
Robert L. Wisner in charge of operation

Plan: payout at 50 m/min. until 7000 m
was out (WO) hold 15 min. pay-in for 15 min
at rate of 500 m/15 min. then hold for 15 min,
then continue saw sequence to surface,
all incoming movements at rate of

No otoliths taken

25 Some specimens of *Lampanyctus ritteri*, *Stenobrachius*
leucopsarus, and *Diaphus theta* examined by
Mary Pritchard for parasites.

Many crustaceans sampled for eye study.

Collection:

FISHES: 1 1-gallon miscellany
1 2-qt specials, for display
1 4-oz Sebastodes
1 8-oz small d. per. sl.

INVERTEBRATES: 1 3-gal. miscellany
1 1-pt. squids + 149
Lampanyctus (total)
1 8-oz strained
plankton.

Carl H. Hubbs.

25	<i>Diaphus theta</i>	99(32-64)
25	<i>Berthalbella dentata</i>	
25	<i>Hierops crockeri</i>	15(14-39)
25	^{Nannoprachium} <i>Lampanyctus</i> <i>regalis</i>	8(48-158)
25	<i>Lampanyctus ritteri</i>	31(43-98)
25	<i>Parvilux ingens</i>	2(147-150)
25	<i>Stenobranchius leucopsarus</i>	220(14-81)
31	<i>Melamphaes lugubris</i>	1(70)
31	<i>Poromitra crassiceps</i>	1(120)
31	<i>Scopeloberyx robustus</i>	7(23-76)
31	<i>Scopelogadus mizolepis</i>	<i>bispinosus</i>
		2(67-74)
{	25 <i>Triphoturus mexicanus septentrionalis</i>	3(27-30)
	see SIO 67-112; original bottle	
	both numbers	label had
9	<i>Leuroglossus stilbius</i>	4(23-29)
9	<i>Bathylagus wesethi</i>	10(19-44.5)
10	<i>Tactostoma macropus</i>	6(102.3-185)
10	<i>Argyropelecus hawaiiensis</i>	19(8.8-22.3)
10	<i>Sternoptyx diaphana</i>	5(19.4-50.6)
8	<i>Holtbyrnia macrops latifrons</i>	1(24)
25	<i>Berthalbella dentata</i>	1(41.5)
65	<i>Oreirodes acanthias</i>	1(28)
10	<i>Gonostoma atlanticum</i>	1(55.5)
8	<i>Talismania bifurcata</i>	1(33)
55	<i>Scorpaenichthys marmoratus</i>	1(40)
*25	<i>Tarleton beania crenulatus</i>	6(12-47)
26	<i>Cyema atrum</i>	3(109-127)
8	<i>Sagamichthys abei</i>	1(37.5)
10	<i>Aristostomias scintillans</i>	2(109-147)
10	<i>Chauliodus macouni</i>	26(32-236)
9	<i>Bathylagus milleri</i>	1(133)
9	<i>Bathylagus pacificus</i>	10(20-146.5)

* discard

(continuation)

State or Country: Field No. SI067-116
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:

10 *Cyclothone acclinidens* 129(17-59)
10 *Cyclothone signata* 173(19-31)
10 *Cyclothone atraria* 8(48-58)
64 *Microstomus pacificus* 1(16)
26 *Avocettina infans* 2(408-503)