

State or ~~Country~~: off central California Field No. SIO 67-112

County: Map: C&GS 5402, ed. 9, 1965

Locality: off Monterey Bay, along Monterey submarine canyon & Monterey seawall → 37.3 → 26.2 →

Lat. 36° (33.6 → 34.3) N, Long. 122° (13.0 → 11.8) W.

Water: coastal in appearance, Ulella, medusae, plankton

Vegetation:

Bottom: irregular

Cover:

Surf Temp.: °C (thermograph)

Shore:

Current:

Dist. offshore: 10.6 - 22.5 naut. miles Stream width: (or more)

Depth of capture: est. to m at 2250 m W/O Depth of water: 937-1528, fath. (GDR)

Collected by SIO expedition on R/V Thomas Washington

Tide:

Date: VI: 12-13: 1967

Method of capture: 10-ft. non-closing Seas-Kill midwater trawl, m-net catch

Orig. preserv.: 10% buffered form. Time: 2256 - 0533 hrs (PST)

Make good, Cs 272; 116° T. Speed 3 kn.

MV 67-II-19

Robert L. Widner in charge

Plan: operating winch throughout at 20 m/min; paying out 2250 m W/O then wind in to 100 m W/O; then making a slow wide turn and repeat, down to 2500 m W/O before returning to surface, near point of departure

Trawl effective 0126 - 0137 hrs.

Some crustaceans picked out and preserved by Faith M. Sweeney for Elizabeth M. Rampa (Boden) study of crustacean eyes.
A stupendous catch (all saved)

FISHES: 1 2½-gal. jar miscellany
1 2½ gal jar Lutjanus & Icichthys
1 covered plancton jar for demonstration
1 5-oz jar 4 young Sebastes specimens
1 4-oz jar very small fish

INVERTEBRATES: 1 5-gal metal bucket + 1 2½-gal. jar of miscellany. (all but 1)
1 1-gal. jar Hyperiidae
1 1-gal. jar squid + 1 Hyperiidae
1 1-gal. jar selected specimens for demonstration
1 5-oz jar preserved plankton: Surf L. Hubbs

25	<i>Lestidiops ringens</i>	2 (111-118)	(cont'd) →
10	<i>Danaphos oculatus</i>	3 (24-29)	
⊗ 25	<i>Ceratoscopelus townsendi</i>	2 (54-57)	
25	<i>Hierops crockeri</i>	19 (14-31)	
25	<i>Lampanyctus regalis</i>	13 (38-89)	
25	<i>Lampanyctus ritleri</i>	52 (22-90)	
25	<i>Stenobranchius leucopsarus</i>	900 (15-83)	
{	<i>Triphoturus mexicanus septentrionalis</i>	3 (27-30)	↙
	see SIO 67-116; original bottle label had both numbers		
10	<i>Cyclothone acclina signata</i>	239 (13-30)	
25	<i>Diaphus theta</i>	223 (27-66)	
10	<i>Cyclothone acclinidens</i>	140 (19-49)	
disc 10	<i>Tactostomus macropus</i>	20 (94-158)	
10	<i>Idiacanthus antrostomus</i>		
		3 (41.4-129.6)	
⊗ 10	<i>Chauliodus macouxi</i> GIFT	3 (34.2-86.8)	
10	<i>Argyropelecus hawaiiensis</i>	8 (12.0-20.0)	
10	<i>Sternoptyx diaphana</i>	8 (14.2-32.9)	
42	<i>Icichthys lockingtoni</i>	2 (265-310)	
8	<i>Holtbyrnia macrops latifrons</i>	1 (32)	
25	<i>Berthelbella dentata</i>	1 (37.4)	
53	<i>Sebastolobus altivelis</i>	1 (10.8)	1 (10.8)
8	<i>Talismania bifurcata</i>	1 (30)	
disc. 25	<i>Tartletonbeania crenularis</i>	8 (19-55)	
31	<i>Scopelogadus mizolepis bispinosus</i>	3 (21-81)	
31	<i>Poromitra crassiceps</i>	8 (24-51)	
26	<i>Serrivomer sector</i>	1 (497)	
9	<i>Leuroglossus stilbicus</i>	53 (21-98)	
9	<i>Bathylagus milleri</i>	2 (127-148)	
9	<i>Bathylagus wesethi</i>	62 (21-101)	
9	<i>Bathylagus pacificus</i>	1 (133)	
⊗ Gift to	IMARPE, Peru		
53	<i>Sebastes goodei</i>	7 (43-61)	

(continuation)

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Collected by

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64 Glyptocephalus zachirus 2(35-36)