

State or Country: off central California Field No. SIO 67-113

County: Map: C.G.S. 5402, ed. 9, 1968

Locality: SW of Farallon Islands, W ~~of~~ NW of Pioneer Seamount; on ocean floor.

Lat. 37° (20.0' → 29.0') N., Long. 123° 42.0' → 124° 07.0' W.

Water:

Vegetation:

Bottom: generally very even, presumably mud

Cover: —

Temp.: °C (thermograph)

Shore: —

Current:

Dist. offshore: 5.1 to 6.0 naut. miles. Stream width:

Depth of capture: est. to m @ 4500 m W.O. Depth of water: 1878-2047 fath. (CGDTR)

Collected by SIO expedition on "Thomas Washington" (R/V SIO)

Tide: C.L. Hubbs, R.L. Wisner, R.B. McConnaughey, and party Date: VI: 14 : 1967

Method of capture: 10-ft. non-baiting Innes-Kild midwater trawl; meter-net cod-end

Orig. preserv.: 1.0% buffered formalin Time: 0558-1150 (PST)

MV 67-II-20

Cs. 300° T Speed 3 knots

Robert L. Wisner in charge of operation

Net in water 0558 hr. # 1882 fath.

Plan: Step trawl; pay out @ 500 m/15 min, hold for 15 min, and repeat to 4500 m W.O., hold 15 min, then haul in steadily at 15 m/min.

A few fish used for parasite studies by Mrs. Mary Stanson Pritchard and Raphael Payne; some crustaceans used by Faith M. Sweeney for eye research by Elizabeth M. Kampa (Boden).

Collection preserved in:

FISHES

- 1 1-gal. miscellany
- 1 121-oz. small and for display
- 1 covered plastic tray, for display
- 1 vial, larval scyphaenid

INVERTEBRATES

- 1 3-gal. jar miscellany
- 1 1-gal. with 1 large Vemphystetho, squids + some miscellany for display
- 1 8-oz jar plenites (strained).

53	<i>Sebastolobus altivelis</i>	17(9.3-45.8)
10	<i>Bathophilus flemingi</i>	2(90-93.6)
10	<i>Danaphos oculatus</i>	4(25-30)
25	<i>Hierops crockeri</i>	24(15-28)
25	<i>Hierops thompsoni</i>	1(29)
25	<i>Lampanyctus regalis</i>	2(51-52)
25	<i>Nannobranchium</i> <i>ritteri</i>	28(25-93)
25	<i>Stenobranchius leucopsarus</i>	136(16-92)
25	<i>Symbolophorus californiensis</i>	4(82-88)
25	<i>Triphoturus mexicanus septentrionalis</i>	3(28-30)
31	<i>Melamphaes lugubris</i>	4(57-80) + 1(19)
31	<i>Poromitra crassiceps</i>	6(38-128)
9	<i>Leuroglossus stilbius</i>	9(23-46)
9	<i>Bathylagus wesethi</i>	39(14-44)
disc. 10	<i>Tactostoma macropus</i>	19(93-209)
disc. 10	<i>Idiacanthus antrostomus</i>	1(74)
10	<i>Argyropelecus hawaiiensis</i>	4(12.2-25.1)
10	<i>Argyropelecus pacificus</i>	1(67.5)
10	<i>Sternoptyx diaphana</i>	4(27.1-52.3)
8	<i>Holtbyrnia macrops latifrons</i>	1(24.5)
25	<i>Berthalbella dentata</i>	1(48.2)
8	<i>Talismania bifurcata</i>	1(29)
disc 25	<i>Tarleton beania crenularis</i>	6(12-53)
8	<i>Sagamichthys abei</i>	2(18-19) 3(18-24)
10	<i>Chauliodus macouni</i>	29(27-129) + 1 larva
25	<i>Diaphus theta</i>	7(32-61)
26	<i>Cyema atrum</i>	1(135)
64	<i>Microstomus pacificus</i> (larva)	1(48)
61	<i>Lamprogrammus</i> sp.	1(38)
10	<i>Macropinna microstoma</i>	1(20)
9	<i>Bathylagus pacificus</i>	9(21.5-132)
9	<i>Bathylagus milleri</i>	4(19-49)