

State or ~~County~~: off central California Field No. S1067-104
County: Map: C&G.S. 5020 X.10; 1966
Locality: S of Davidson Seamount
Lat. $35^{\circ}03.2' \rightarrow 34^{\circ}37.4'$ N, Long. $122^{\circ}(52.6 \rightarrow 37.2)'$ W.
Water: coastal in appearance
Vegetation: $34^{\circ}50.3'N$ $122^{\circ}44.9'W$

Bottom: mud; extremely flat and even
Cover: Temp.: surface $^{\circ}C$. (thermograph)
Shore: rocky Current:
Dist. offshore: 87-92 naut. miles Stream width:
Depth of capture: est. to m. at 2750 m Depth of water: 2149 - 2187 fath. (G.D.R.)
Collected by S.I.O. expedition on R/V Thomas Washington
Tide: (C.L. Hubbs, R.L. Wisner, R.R. McConnaughey et al.) Date: VI: 10-11: 1967
Method of capture: 10' Isaacs-Kidd net - ~~diver's~~ ^{underwater} ~~diver's~~ ^{trawl}; meter-net cod-end
Orig. preserv.: 10% Time: 2219 \rightarrow 0659 (PST)

MV 67-II-5 Speed 3 kn. Cs 150° T

Plan: A double-indulation haul, at winch speed of 20 m/min on payout and hauling, out to 2750 m WO, in to 100 m WO, out to 2750 m WO, in to surface.

Robert L. Wisner in charge of operation.

25 The fine skull of Benthobella dentata gleamed with lemon-gilt reflections from opercles & scales.

Many crustaceans preserved by Faith M. Sweeney for research on eyes by Elizabeth M. Rampa (Borden).

FISHES: 1 1-gal jar miscellaneous fish
1 8-oz " selected little fishes
2 plastic plancton trays for demonstration.

INVERTEBRATES: 1 2-gal jar +
1 1-gal jar - misc. invertebrates - both full.
1 1-gal. jar selected specimens for
1 4-oz jar demonstration.
~~plastic~~ strained plancton.

Saul C. Hubbs

8 *Sagamichthysabei* 2(14-70) ~~1(70.5)~~
 25 *Benthalbella dentata* 2(51-157)
 25 *Ceratoscopelus townsendi* 19(32-62)
 25 *Diogenichthys atlanticus* 1(15.5)
 25 *Hierops crockeri* 27(14-39)
 25 *Lampanyctus regalis* 4(44-61)
 25 *Parvilux indens* 6(44-88)
 25 *Symbolophorus californiensis* 4(54-68)
 25 *Triphoturus mexicanus septentrionalis* 2(30-35) ↘
 — ~~8 *Platyroctegen* ? sp.~~ 1(17.5)

1 4oz. jar of "Diaphus theta or protoculus"
on unident. 25 shelf

10 *Bathylchnops exilis* 1(181) + 1(20)
 10 *Chauliodus macouxi* 10(31-167)
 * 10 *Tactostoma macropus* 14(93.5-184.5)
 10 *Idiacanthus antrostomus* 7(66-340.6)
 10 *Aristostomias scintillans* 3(78-149)
 10 *Daraphos oculatus* 21(22.3-36.3)
 10 *Sternoptyx diaphana* 5(12.9-37.8)
 8 *Maulisia antiargipalla* PARATYPE 1(117.5)
 53 *Sebastolobus altivelis* 3(27.2-34)
 8 *Alepocephalus tenebrosus* 1(25)
 * 25 *Tarletonbeania crenularis* 11(18-45)
 * 25 *Lampanyctus ritteri* 102(21-120)
 * 25 *Stenobranchius leucopsarus* 110(16-63)
 8 *Holtbyrnia latifrons* 1(23)

64 *Microstomus pacificus* 5(larvae)
 9 *Bathylagus pacificus* 3(88-¹⁴⁹)
 9 *Bathylagus stilbius* 4(19-42)
 9 *Bathylagus milleri* 3(132-145)
 9 *Bathylagus ochotensis* 54(12-71)

(continued - next page)

* discarded

* 3 specimens gift to Cal Poly via R.J. Krejsa
5 Sept 69

(pg 2 - continuation)

State or Country: Field No. 67-104
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	<i>Argyropelecus affinis</i>	8(12-27)
	10	<i>Argyropelecus hemigymnus</i>	9(14-25)
	10	<i>Argyropelecus lychnus</i>	23(10-19)
	10	<i>Argyropelecus sladeni</i>	15(24-39)
	25	<i>Diaphus theta</i>	27(28-51)
	61	<i>Catactyx rubrirostris</i>	3(29-31)
	31	<i>Scopelogadus mizolepis bispinosus</i>	3(65-76)
(disc.)	31	<i>Scopeloberyx sp</i>	1(26)
	31	<i>Poromitra crassiceps</i>	4(29-97)
	31	<i>Melamphaes lugubris</i>	6(34-77)
	10	<i>Cyclothone pseudopallida</i>	36(17-45)
	10	<i>Cyclothone atraria</i>	19(36-64)
	10	<i>Cyclothone acclinidens</i>	227(15-54)
	10	<i>Cyclothone signata</i>	456(14-33)
	25	<i>Lestidiops ringens</i>	6(21-65)