

State or ~~Country~~: off central California Field No. S1067-101

County: Map: CCGS 5020 X: 19 1966

Locality: SE of Davidson Seamount <sup>ocean floor</sup> → 295 → 376

Lat. 35° (15.5' → 250') N, Long. 122° (06.5' → 35.5') W

Water: coastal in appearance; some *Veilella* at surface

Vegetation:

Bottom: presumably <sup>green</sup> mud (extremely gentle slopes)  
Cover: Surface Temp: °C (thermograph)

Shore: rocky Current:

Dist. offshore: ~~4~~ 54-62 naut. miles Stream width:

Depth of capture: est. to 5500 m Depth of water: 1808-2053 fath (GDR)

Collected by SIO expedition on R/V Thomas Washington

~~by~~ C.L. Hubbs, R.L. Wisner, R.R. McConnaughey, et al. Date: VI: 9 : 1967

Method of capture: 10-ft. Inanco Kidd non-closing midwater trawl, meter-net catch

Orig. preserv.: 10% buffered form. Time: 0827 - 1534 (PST)

MV 67-II-1

Robert L. Wisner - charge of operation

Course 330° T (drifted to left)

5500 m. wire out at 0949. Held until 1115; then 500 m haul - full 15 min, then 10 min hold - caught no in to surfacing.

Spreader bar connection was damaged when net surfaced and ropes broke loose in snapping roll at surface (choppy sea due to prolonged 20-knot winds). Rather weak catch:

Fishes: 1 one-gallon jar miscellany  
1 8-oz jar selected small fish  
1 1-qt. jar fishes dissected for parasites by Mrs. Bitchard and Raphael Payne - *Obolites* also taken (by Wisner) - 9 den. to be checked.

Invertebrates: 1 one-gallon jar miscellany  
1 " " " layers  
*Langyrotellus*, jellyfish, etc.  
1 4-oz jar stranded plancton  
1 4-oz jar of a preliminary transparent invertebrates - to be checked.

Various crustaceans preserved (some dark-adapted) by Faith M. Sweeney for Elizabeth M. Kemp (Baker)

Gail L. Hubbs

9	<i>Bathylagus pacificus</i>	88 ( <del>77</del> -151)
9	<i>Bathylagus wesethi</i>	28 (19-41)
9	<i>Nansenia candida</i>	1 (26.5)
25	<i>Ceratoscopelus townsendi</i>	14 (50-62)
25	<i>Hierops crockeri</i>	11 (14-37)
25	<i>Lampanyctus vegalis</i>	1 (63)
25	<i>Symbolophorus californiensis</i>	1 (62)
25	<i>Triphoturus mexicanus septentrionalis</i>	1 (31.5)
9	<i>Leuroglossus stilbius</i>	2 (27-34)

	<del>25</del> <i>Eutaeniophorus festivus</i>	1 (41.5)
	25 <i>Arotopterus pharao</i>	1 (81)
disc.	10 <i>Tactostoma macropus</i>	19 (82.5-159.5)
	10 <i>Idiacanthus antrostomus</i>	3 (71.2-87.4)
	10 <i>Chauliodus macouxi</i>	4 (34.7-85.8)
	10 <i>Danaphos oculatus</i>	8 (27.5-32.7)
	10 <i>Argyropelecus pacificus</i>	12 (10.4-43.8)
	10 <i>Argyropelecus intermedius</i>	1 (20.8)
	10 <i>Argyropelecus hawaiiensis</i>	6 (13.2-39.2)
	10 <i>Sternoptyx diaphana</i>	3 (12.1-31.6)
	8 <i>Pellisolus <del>facilis</del> eubranchus</i>	1 (65) PARATYPE
	8 <i>Hottbyrnia latifrons</i>	1 (16)
	8 <i>Mirrorictus taaningi</i>	2 (43-63)
	8 <i>Alepocephalus tenebrosus</i>	1 (26)
	26 <i>Avocettina infans</i>	1 (551)
*	25 <i>Tarletonbeania crenularis</i>	8 (21-26)
*	25 <i>Stenobranchius leucopsarus</i>	34 (19-79)
*	25 <i>Lampanyctus ritleri</i>	45 (17-84)
	31 <i>Melanphaes lugubris</i>	<del>14</del> 14 (24-78)
	26 <i>Cyema atrum</i>	3 (102-114)
	25 <i>Diaphus theta</i>	20 (28-48)
	31 <i>Scopelogadus mizolepis bispinosus</i>	<del>2</del> 2 (26-78)
	31 <i>Scopeloberyx robustus</i>	4 (52-70)
	31 <i>Poromitra frontosus</i>	8 (49-136)

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(cont'd)

(continuation)

SI067-101

State or Country: .....

Field No.

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: .....

25 *Lestidiops ringens* 2(62-65.5)

10 *Cyclothone pseudopallida* 17(20-40)

10 *Cyclothone acclinidens* 106(23-56)

10 *Cyclothone signata* 241(17-32)

10 *Cyclothone atraria* 14(29-62)

64 *Microstomus pacificus* 1(18)

64 *Glyptocephalus zachirus* 1(20)

31 *Melanphaes* sp 2(-) otoliths

State or Country: off central California Field No. ~~51067~~  
County: Map: C&GS 5020 X:10, 1966  
Locality: SE of Davidson Seamount on ocean floor

Lat.  $35^{\circ}$  (21.6'  $\rightarrow$  25.6') N., Long.  $122^{\circ}$  (5.8'  $\rightarrow$  32.0') W.

Water: coral in appearance,

Vegetation:

Bottom: green mud — very smooth.

Cover: Temp.: surface  $^{\circ}$ C. (thermograph)

Shore: Current:

Dist. offshore: 55-60 naut. miles Stream width:

Depth of capture: bottom Depth of water: 1928-2005 fath (GDR)

Collected by S.D. expedition on R/V Thomas Washington  
Tide: C. L. Hubbs, R. L. Wisner, R. R. McConnaughey, et al. Date: VI: 9 : 1967

Method of capture: pipe dredge, with wire screen & gunny - sack end  
Orig. preserv.: kept raw in plastic tub Time: 1822 - 2220 hrs. (PST)

(covered) - small sample frozen  
MV 67-II-2

Virtual failure - about <sup>2700</sup> ~~2000~~ m. of wire  
(terminal) kinked too badly to save.

One 4-oz jar saved - frozen.

Polish on pipe & chain indicates gear was  
on bottom - Perhaps heavy chips  
washed out mud?

Speed, storage to 2 fms; no extra  
weight on cable.

Carl L. Hubbs.