

State or Country: off central California Field No. SIO 67-102

County: Map: CGS 5020, X: 14, 1966

Locality: SSE of Davidson Seamount, ^{over} ocean floor

35°08.6'N

122°58'W

Lat. 35°16.7' → 34°58.5'

N., Long. 123°05.5' → 122°50.5' W.

Water: coastal in appearance; some Vallella at surface

Vegetation:

Bottom: presumably green mud; absolutely even, slight slope downward

Cover: Surface Temp: °C (thermograph)

Shore:

Current:

Dist. offshore: 86.5-87.5 naut. miles Stream width:

Depth of capture: est. to m at 5500m Depth of water: 2088-2172 fath. (G.D.R.)

Collected by SIO expedition on R/V Thomas Washington

Tide: (C.L. Hubbs, R.L. Washington, R.R. McConnaughey ^{et al.}) Date: VI: 10 : 1967

Method of capture: 10-ft. Isaacs-Ladd non-closing midwater trawl, meter-net cod end

Orig. preserv.: 10% buffered form. Time: ~~1403~~ 0705-1403 (PST)

MV 67-II-3

Co. 150° T Speed 3 kn.

Robert L. Wisner in charge of operation.

5500m W0 at 0835 Held until 0840, then
haul in for 15 min, hold for 15 min and 50 m, with
500 m. haul in every other 15 min.

Net not damaged, despite heavy chop;
some connections had been strengthened.

Good catch, in following containers:

- 1 1-gal jar miscellaneous fishes, incl. 2
melanophasids fr. dubly for
Mr. Gray Pritchard (4 protoliths).
- 1 8-oz jar small + noteworthy fishes.
- 2 full 1-gal jars of invertebrates.
- 1 8-oz jar of squids (all) and one
puzzling invertebrate to check.
- 1 4-oz jar 2 shrimp with highly
modified external crustacean
parasites on back.
- 1 4-oz jar of strained plankton.

Correction for drift and final position fixed by
Sun-Loran bearings of 35°03.5' N, 122°54.0' W.
at 1213 hrs PST.

Wind dropped during much of haul to ca. 15 mi./hr.
Sail G. Hubbs.

31 Melamphaes sp 6(-) otoliths
 53 Sebastolobus altivelis 1(33.2)
 9 Microstoma microstoma 1(19)
 25 Ceratoscopelus townsendi 25(32-64)
 25 Hierops crockeri 25(15-35)
 25 Lampanyctus regalis 2(152-161)
 25 Lampanyctus vitteri 87(24-97)
~~25 Taaningichthys bathyphila 2(66-72)~~

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

10 Chauliodus macouni 10(33.5-189)
 10 Tactostoma macropus 3(121-183)
 10 Idiacanthus antrostomus 2(71.6-79)
 10 Danaphos oculatus 7(26-43.6)
 10 Argyropelecus pacificus 2(15.5-18.4)
 10 Argyropelecus intermedius 12(14.8-29.9)
 10 Argyropelecus hawaiiensis 10(9.9-34.7)
 25 Taaningichthys paurolychnus 2(66-72) PARATYPES

* 25 Stenobrahms leucopsarus 48(16-75)
 * 25 Tarletonbeania crenularis 8(21-39)

25 Diaphus theta 13(32-45)
 31 Poromitra crassiceps 1(-) otoliths
 31 Scopelogadus mizolepis bispinosus 6(23-88)
 31 Melamphaes lugubris 6(29-81)
 9 Leuroglossus stilbicus 2(24-27)
 9 Bathylagus wesethi 19(12-44)
 9 Bathylagus milleri 1(32)
 64 Glyptocephalus zachirus 1(54)
 64 Microstomus pacificus 1(35)
 10 Cyclothone acclinidens 86(17-51)
 10 Cyclothone atraria 13(25-60)
 10 Cyclothone braveri 37(19-41)
 10 Cyclothone signata 129(15-30)

* discarded