

SI073-264

State or Country: off west coast, Guatemala Field No. MV 73-I-45
 County: Map: NO 21023 + 21026, 1972, 1971
 Locality: south of Champetico, over north slope of Middle America Trench, in oxygen-minimum layer (primarily) Lat. $13^{\circ}(10.5 \rightarrow 30.0)$ N, Long. $92^{\circ}(01.5 \rightarrow 03.5)$ W.
 Water: rather dirty blue 20.2' 62.5'
 Vegetation:

Bottom: irregular slopes

Cover:

Temp.:

Shore:

Current:

Dist. offshore:

60-44 naut. mi.

Stream width:

likely ca. 2000-3200 m

Depth of capture:

ext. betn. 400 & 700 m

Depth of water:

likely ca. 3000 fath

Collected by

Carl L. Hubbs & party on S.D. R/V Alexander Agassiz or

Fider cruise

7303-G

Date:

14:13:1973

Method of capture:

Isaacs-Kidd 10-ft. midwater trawl, meter net cod-end

Orig. preserv.:

ca. 8% buffered

Time: 0012 - 0615 CST

overall

formalin

Recovery of gear started at 0532 hrs.

Operation programmed by Robert L. Wisner

A relatively very small catch - 1 1-quart jar not fully full of fishes, some from recovery of gear above oxygen minimum, many very young; some choice. All invertebrates in a one-gallon jar. This time in oxygen minimum *Cyclothone acclinoides* was rather scarce. One *Melanocetus*, one *Paralipidid*, and a few other "goodies".

7 myctophids + 9 melamphaeids worked over for parasites by Dr. Butchard and Mr. Moser. Identifications needed, and report!

1500 m wire out for constant hauling at low point of low dissolved oxygen, between 400 and 700 m depth

Carl L. Hubbs

32
25

Chaetodon humeralis
Lampanyctus parvicauda

1 (6.5)
 3 (48-60)

25	<i>Benthosema panamense</i>	1(49) + 1(15.5)
25	<i>Diaphus pacificus</i>	28(11.5-33.5)
26	<i>Ophichthus ramiger</i> ^a	5(220-325)
25	<i>Scopelarchoides nicholsi</i>	1(49)
25	<i>Nannobrachium idostigma</i>	1(55)
31	<i>Scopelogadus m. bispinosus</i>	14(37-60)
25	<i>Diogenichthys laternatus</i>	44(12-24)
31	<i>Melamphaes spinifer</i>	19(32-54)
31	<i>Melamphaes parvus</i>	15(39-97)
10	<i>Vinciguerria poweriae</i>	7(11-12)
10	<i>Vinciguerria lucetia</i>	40(11-36)
10	<i>Argyropelecus lychnus</i>	1(26)
26	<i>Ophichthidae (lepto.)</i>	3(72-133)
25	<i>Stemonosudis</i> sp.	1(82)
65	<i>Zalieutes elater</i>	1(89)
65	<i>Lophiodes spilurus</i>	1(123)
10	<i>Stomias atriventer</i>	1(53)
65	<i>Melanocetus polyactis</i>	1(20)
35	<i>Serranus aequidens</i>	1(54)
64	<i>Engyophrys sanctilaudrentii</i>	2(91-94)
64	<i>Symphurus atramentatus</i>	1(76)
64	<i>Monolene asaedai</i>	58(53-102)
43	<i>Trichiurus nitens</i>	5(281-338)