

SI073-263

State or Country: off west coast of Guatemala Field No. MV 73-I-44
 County: _____ Map: NO 21023 1972
 Locality: south of Champereico, on NO 21026 1971
 very deep part of Middle America Trench
 Lat. 13° (12.0 → 11.0) N, Long. 92° (04.0 → 02.0) W.
 Water: oceanic, somewhat dirty blue
 Vegetation: _____

Bottom: _____
 Cover: _____ Surface Temp.: _____
 Depth: 63-58 nautical miles Current: _____
 Dist. offshore: _____ Stream width: _____
 Depth of capture: surface to Depth of water: 3120-3170 fath.
 Collected by Carl L. Hubbs & party on SIO R/V Alexander Agassiz
 Tides: on cruise 73036 Date: IV: 12, 1973
 Method of capture: 10-ft. Isaacs-Kidd Midwater Trawl: meter net
 Orig. preserv.: 10% buffered formal Time: 1950-2245 hrs. CST

* Indicated by depth recorder

Programmed and administered by Robert L. Wisner
 as follows: continuous operation handling wire
 at 10 m/min. out to 248 m. wire out, then back
 until bridle shows, then repeat, 8 times total.
 Object to keep net above oxygen-minimum level
 by night (though moon is past first quarter)

Considerable catch of bathypelagic (or mesopelagic)
 fishes, mostly myctophids, that were missed on the
 daylight run. Most or all of the large young of
Coryphaena (few) gave indication of having been
 on the net since the daylight haul (MV 73-I-43)

This fish collection was not resorted aboard ship
 as we have been doing, to eliminate
 most salps as the like that were inadvertently
 pulled out with the fish. A 5-gal. tin can
 of invertebrates was saved, nearly as
 much discarded. Some minute larvae no doubt in
 invertebrates.

None were the larval fish separately preserved.

26 *Paraconger californiensis* 14(

26 *Paraconger dentatus*

26 *Hildebrandia nibeus*

Carl L. Hubbs
 2 (70-110)
 41/45 (60-120) L

- 26 *Ariosoma gilberti* 24(132-~~243~~²⁴³) L+meta.
- 25 *Diogenichthys laternatus* 258(10-24)
- 25 *Lampanyctus omostigma* 22(44-59)
- 10 *Vinciguerria lucetia* → 418(11-46)
~~4(13-41)~~
- 25 *Diaphus pacificus* 104(9-33)
- 10 *Bathophilus filifer* 13(27-55)
- 23 *Oxyporhamphus micropterus* 1(21)
- 24 *Ophichthidae* (lepto.) 113~~9~~²¹(~~68~~-145)
- 26 *Ophichthidae* (?) (lepto) 1(88)

(no SIO No.)

State or Country: off west coast, Guatemala Field No. MV 73-I-45A
County: _____ Map: NO 21023+21026, 1972, 1971
Locality: S. of Champavico
Lat. 13° 52' N., Long. 92° 01' W.
Water: deep, clear blue
Vegetation: _____
Bottom: _____
Cover: _____ Temp.: 86.5° F (bucket thermometer)
Shore: _____ Current: _____
Dist. offshore: 23.5 naut. miles Stream width: _____
Depth of capture: surface Depth of water: ca 52 fath.
Collected by Carl L. Hubbs party on SIO R/V Alexander
Tide: Agassiz, Cruise 7303-G Date: IV. 13. 1973
Method of capture: jg. line on boat
Orig. preserv.: _____ Time: 1352 hr CST

Parasites taken by Mary Hanson Pritchard
Coryphaena hippurus: a handsome ♂
consumed in galley, Friday, 11-20th
Carl L. Hubbs.